

# Dishaa®

COMPLETE FACTORY SET-UP TURNKEY SOLUTIONS

## UNITED ARAB EMIRATES

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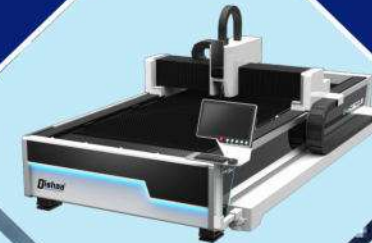
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Friendly Reminder: Due to technical and process updates, the product is subject to changes in such as structure, configuration, weight and other parameters without prior notice.

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## About us

### Why choose us!!!

An ISO 9001, 14001 & 45001 certified company, **Dishaa** is the most trusted **“TRADEMARK REGISTERED”** Machinery Brand of UAE providing quality machinery and after sales services since 1992.

Today **Dishaa** is a name synonym with Precision, Quality, Reliability & Performance when it comes to setup of engineering & armoring companies in the region. Our longstanding reputation in the market has been achieved with humble and consistent quality, performance and excellent after sales service support. We are one of the first to introduce a warranty of 2-years for our machines in the region, this speaks volumes about the trust we have in our machine performance and quality.

All our press brakes and shearing machines are **“CE CERTIFIED”** with lifelong spare parts support. Our team of well-trained engineers gives an excellent timely online or onsite **“AFTER SALES SERVICE SUPPORT”**, so you don't have to worry about the downtime in production. Our client list encompasses all major oil & gas service providers, defense sectors, armoring companies, heavy & medium fabrication industries, precision toolroom facilities, maintenance workshops, automobile and aerospace sectors.

We are proud to announce that we have been awarded the **“BEST INDUSTRIAL MACHINERY & TOOLS COMPANY”** for the 5 consecutive years since 2019-2023 by **MEA UAE BUSINESS AWARDS**.

Be it machinery upgradation, new factory setup or purchase of new machines – speak to us today for un-matched offers and solutions. When you consider quality with pricing, **Dishaa** machines are the best in the Region.

**DISHAA MACHINERY & TOOLS LLC - “COMPLETE FACTORY SETUP TURNKEY SOLUTIONS.”**



## Torsion Bar Press Brake

### Performance

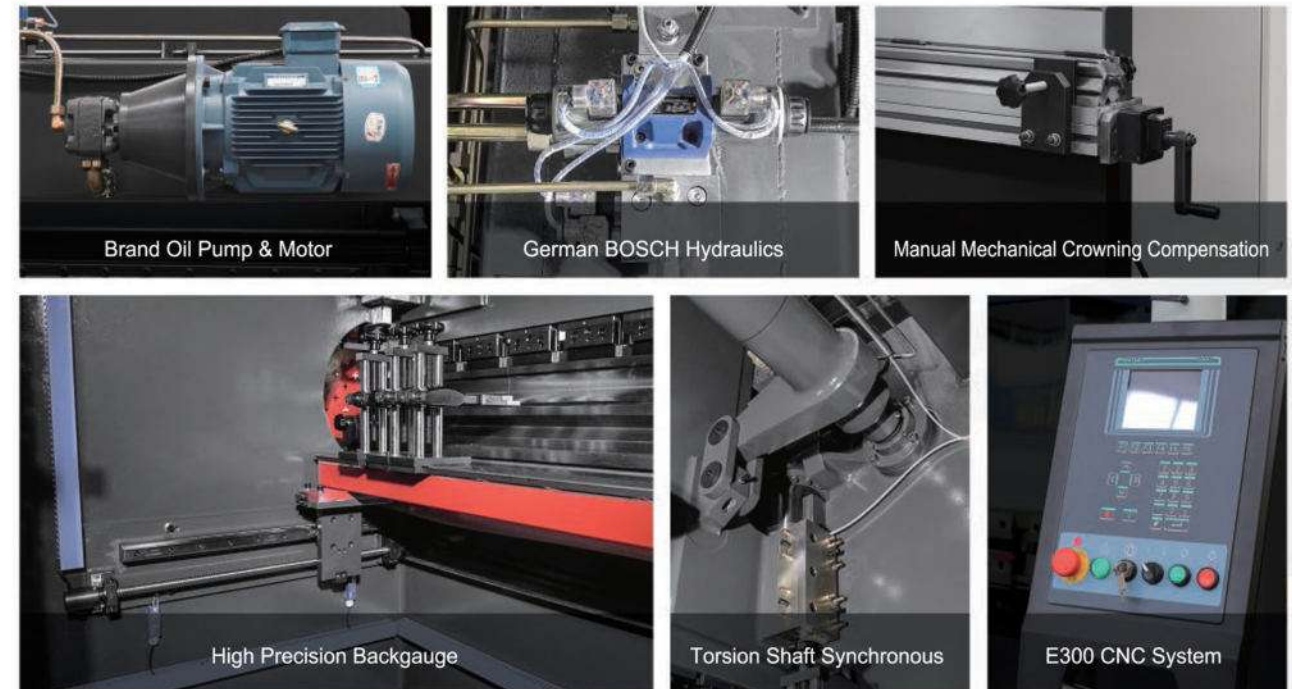
The bending machine frame is integrally processed by a large floor boring and milling machine.  
 The forged material shaft body has good rigidity and elasticity, and has a fine adjustment device, which is weak against the partial load.  
 The user can customize the mold segments 10, 15, 20, 30, 50, 100, 300 (cm).  
 Use ESTUN or DELEM brand CNC system for users to choose.  
 In the system, the plate thickness and length parameters are input, and the system will automatically perform deflection compensation.  
 It adopts ball screw and linear guide, which is driven by servo motor, and the back gauge is positioned quickly and accurately.  
 The height of the finger is designed from the overall adjustment, and the height of the finger can be adjusted manually.  
 Improve the replacement mold speed and improve work efficiency.



### Optional Controllers

- China ESTUNE300, E300P
- Holland DELEM DA41T
- German ELGO P40
- Italy HT072
- Swiss Cybelec Touch 8

### Sample Display



## Torsion Bar Plate Press Brake

Standard Economic NC System

China ESTUN E21



### Optional

Manual Mechanical Crowning Compensation

## NC Controller



### E21

Positioning control of back gauge.  
Intelligent positioning control.  
One-side and two-side positioning which eliminates spindle clearance effectively.  
Retract functions.  
Automatic reference searching.  
One-key parameter backup and restore.  
Fast position indexing.  
40 programs storage space, each program has 25 steps.  
Power-off protection.



### E300P

10" high definition full color LCD touch screen is adopted  
X, y, R servo axis controlled by CAN bus;  
Deflection compensation supports mechanical and hydraulic modes;  
Built in machine action logic, multiple action modes;  
Built in mold library and material table can be edited;  
I / O port can be configured freely;  
USB interface is configured to facilitate backup and upgrade;  
Built in parameter backup / recovery function;  
Chinese/English, mm/inch.



### E300

Support x, y, R axis servo control, c axis hydraulic compensation / mechanical compensation mode;  
Built in machine control logic, hydraulic valve logic free configuration, I / O function port free configuration;  
Accurate angle programming calculation function;  
Standard USB interface;  
Standard EDS / Pronet series servo;  
Safety zone protection, collision detection, R-axis collision avoidance positioning function;  
Built in parameter backup and one click recovery function;  
Support one page programming;  
Micro switch key board;  
Integrated suspension;  
Can bus servo control technology;  
High Definition LCD display, Chinese / English optional, male / English optional.



### DA-41T

Panel based housing  
Bright LCD screen  
Beam stop control (Y)  
Backgauge control (X)  
Retract functionality  
Manual movement of all axes  
Backgauge control (R) (DA-42T)  
Crowning function (DA-42T)  
Pressure control (DA-42T)



### CT8

8" color LCD display, touch screen, icon recognition function;  
The "EasyBend" page is processed with easy single bending.  
The fully efficient bending programming can meet the needs of mass production and processing.  
Automatically calculate bending angle, main pressure and deflection compensation;  
Automatic calculation of bending data;  
Automatic calculation of pressure and deflection compensation; automatic calculation of upper die depth;  
Angle, Back Gauge correction;

## Technical Parameters

| Type      | Nominal Force<br>( KN ) | Worktable Length<br>( mm ) | Poles Distance<br>( mm ) | Throat Depth<br>( mm ) | Slider Travel<br>( mm ) | Max Open<br>( mm ) | Power<br>( kw ) | Weight<br>( kg ) | Dimension<br>LxWxH ( mm ) |
|-----------|-------------------------|----------------------------|--------------------------|------------------------|-------------------------|--------------------|-----------------|------------------|---------------------------|
| 40T/2200  | 400                     | 2200                       | 1850                     | 220                    | 100                     | 320                | 5.5             | 2750             | 2200x1200x1910            |
| 40T/2500  | 400                     | 2500                       | 1850                     | 220                    | 100                     | 320                | 5.5             | 3000             | 2500x1200x1910            |
| 50T/2200  | 500                     | 2200                       | 1850                     | 220                    | 100                     | 320                | 5.5             | 2950             | 2200x1200x1910            |
| 50T/2500  | 500                     | 2500                       | 1850                     | 220                    | 100                     | 320                | 5.5             | 3400             | 2500x1210x2000            |
| 63T/2500  | 630                     | 2500                       | 1900                     | 260                    | 120                     | 320                | 5.5             | 4000             | 2500x1300x2210            |
| 63T/3200  | 630                     | 3200                       | 2560                     | 260                    | 120                     | 320                | 5.5             | 4800             | 3200x1300x2210            |
| 80T/2500  | 800                     | 2500                       | 1980                     | 320                    | 120                     | 320                | 7.5             | 5700             | 2500x1400x2300            |
| 80T/3200  | 800                     | 3200                       | 2650                     | 320                    | 120                     | 350                | 7.5             | 6020             | 3200x1500x2300            |
| 80T/4000  | 800                     | 4000                       | 3350                     | 320                    | 120                     | 350                | 7.5             | 7000             | 4000x1500x2400            |
| 100T/2500 | 1000                    | 2500                       | 1980                     | 320                    | 150                     | 400                | 7.5             | 6000             | 2500x1600x2400            |
| 100T/3200 | 1000                    | 3200                       | 2650                     | 320                    | 150                     | 400                | 7.5             | 6800             | 3200x1600x2600            |
| 100T/4000 | 1000                    | 4000                       | 3350                     | 320                    | 150                     | 400                | 7.5             | 8400             | 4000x1600x2700            |
| 125T/2500 | 1250                    | 2500                       | 1980                     | 320                    | 150                     | 400                | 11              | 6500             | 2500x1600x2400            |
| 125T/3200 | 1250                    | 3200                       | 2650                     | 320                    | 150                     | 400                | 11              | 7200             | 3200x1600x2600            |
| 125T/4000 | 1250                    | 4000                       | 3350                     | 320                    | 150                     | 400                | 11              | 8800             | 4000x1600x2700            |
| 160T/3200 | 1600                    | 3200                       | 2650                     | 320                    | 200                     | 460                | 11              | 10500            | 3200x1700x2700            |
| 160T/4000 | 1600                    | 4000                       | 3350                     | 320                    | 200                     | 460                | 11              | 11500            | 4000x1700x2800            |
| 160T/5000 | 1600                    | 5000                       | 4000                     | 320                    | 200                     | 460                | 11              | 14000            | 5000x1900x3100            |
| 160T/6000 | 1600                    | 6000                       | 4900                     | 320                    | 200                     | 460                | 11              | 19500            | 6300x1900x3200            |
| 200T/3200 | 2000                    | 3200                       | 2650                     | 320                    | 200                     | 460                | 11              | 12500            | 3200x1950x2800            |
| 200T/4000 | 2000                    | 4000                       | 3350                     | 320                    | 200                     | 460                | 11              | 13600            | 4000x1950x2800            |
| 200T/5000 | 2000                    | 5000                       | 4000                     | 320                    | 200                     | 460                | 11              | 14500            | 5000x1950x3100            |
| 200T/6000 | 2000                    | 6000                       | 4900                     | 320                    | 200                     | 460                | 11              | 21000            | 6000x1950x3300            |
| 250T/3200 | 2500                    | 3200                       | 2500                     | 400                    | 250                     | 530                | 18.5            | 19000            | 3250x2000x3200            |
| 250T/4000 | 2500                    | 4000                       | 2900                     | 400                    | 250                     | 530                | 18.5            | 20200            | 4000x2000x3400            |
| 250T/5000 | 2500                    | 5000                       | 4000                     | 400                    | 250                     | 530                | 18.5            | 23500            | 5000x2000x3400            |
| 250T/6000 | 2500                    | 6000                       | 5000                     | 400                    | 250                     | 530                | 18.5            | 27500            | 6000x2000x3400            |
| 300T/3200 | 3000                    | 3200                       | 2500                     | 400                    | 250                     | 530                | 22              | 20500            | 3200x2000x3450            |
| 300T/4000 | 3000                    | 4000                       | 2900                     | 400                    | 250                     | 530                | 22              | 22500            | 4000x2000x3450            |
| 300T/5000 | 3000                    | 5000                       | 4000                     | 400                    | 250                     | 530                | 22              | 25000            | 5000x2000x3450            |
| 300T/6000 | 3000                    | 6000                       | 5000                     | 400                    | 250                     | 530                | 22              | 30000            | 6000x2000x3450            |
| 400T/4000 | 4000                    | 4000                       | 2900                     | 400                    | 250                     | 530                | 30              | 25000            | 4000x2180x3500            |
| 400T/5000 | 4000                    | 5000                       | 4000                     | 400                    | 250                     | 530                | 30              | 29000            | 5000x2180x3500            |
| 400T/6000 | 4000                    | 6000                       | 5000                     | 400                    | 250                     | 530                | 30              | 35000            | 6000x2180x3800            |
| 500T/4000 | 5000                    | 4000                       | 2900                     | 400                    | 320                     | 590                | 37              | 35000            | 4000x2580x3500            |
| 500T/5000 | 5000                    | 5000                       | 4000                     | 400                    | 320                     | 590                | 37              | 44000            | 5050x3500x3700            |
| 500T/6000 | 5000                    | 6000                       | 5000                     | 400                    | 320                     | 590                | 37              | 55000            | 6050x3500x3700            |
| 600T/4000 | 6000                    | 4000                       | 2900                     | 400                    | 320                     | 590                | 45              | 45000            | 4050x4500x3700            |
| 600T/6000 | 6000                    | 6000                       | 5000                     | 400                    | 320                     | 590                | 45              | 60000            | 6050x4500x3700            |

Parameters change without notice. All the sizes above models are suitable for tandem.

## NC Controller

ESTUN: E21、E300/E300P  
Holland DELEM: DA41/DA41T、  
Cybele: CT8

## DMB Series

### CNC Hybrid-Electro Servo Press Brake

#### Performance

- The system consumes less energy with the servo motor.
- Oil distribution according to needs has no restriction loss to achieve the energy-saving indeed.
- Low temperature-rise reduces the risk of oil leakage, which has better stability and can increase the working life of hydraulic press system and oil cylinder.
- Gear pump reduces working noise and sensitivity of oil cleanliness, low maintenance
- Precision of ram position or manufacture isn't lower than proportional valve control system, even higher. The ram repositioning precision is  $\pm 0.01\text{mm}$ , highest precision will be  $\pm 0.005\text{mm}$ .
- The consumption of hydraulic oil reduces 70%.
- The simpler installation method can improve efficiency.
- Flexible installation meets populous needs.
- Better economic and higher performance-to-price ratio.



#### SVP

DMB-SVP Series CNC Hybrid-Electro Servo Press Brake

#### Servo Motor

- Using servo motor as the main power source of hydraulic pump can save about 40% energy
- The overall efficiency of the slider increases by about 7-20%
- Oil temperature can be reduced by about 10-20 °C



SVP Single Servo Main Motor CNC Press Brake

#### ESVP

DMB-ESVP Series CNC Hybrid-Electro Double Servo Press Brake

#### HOERBIGER ePrAX® Control

- High efficiency and energy saving, oil tank capacity reduced by 70%
- Fast-performance and duty cycle reduction 10%
- Compared with the traditional system, energy efficiency 50% up
- The positioning accuracy of precision-up to  $5\mu\text{m}$
- Integrated servo pump
- Lower-noise at work integrated pressure filters ensures high stability and long service life



ESVP Double Servo Pump Control CNC Press Brake

#### OPTIONAL CNC



DELEM DA53T



DELEM DA58T



DELEM DA66T



DELEM DA69T



CYBELEC CT12



ESA S640

## DMB Series CNC Hydraulic-Electro Servo Press Brake

### Performance

The fuselage adopts the welded structure of the split plate, which is tempered by the large tempering furnace equipment to eliminate the deformation caused by the welding stress and the processing stress to ensure the precision of the machine.

Closed loop control mode composed of electric-hydraulic servo valve and measure ruler.

Ensure the highest control precision, bending accuracy and repositioning accuracy are also reach to the highest level.

Back gauge mechanism can be multi-axes controlled.

Integrated hydraulic system decreases the pipe connections, oil leakage, and increases the stability and overall beautifies.

Worktable equipped with hydraulic and mechanical compensation to avoid the deformed upper beam from affecting the quality of the work piece, it is adjusted automatically by the CNC controller with convenient and accuracy.

CNC controller normally uses Holland DELEM, Italy ESA, Swiss CYBELEC, all with multi-languages.



### Standard Equipment

- Hydraulics by Germany BOSCH / HOERBIGER
- Servo drive and motors by Nanjing ESTUN
- Grating ruler by Spain FAGOA, Germany HEIDENHAIN
- Ball screw and linear guide by Taiwan HIWIN
- Main electrics by France SCHNEIDER
- Hydraulic compensation or mechanical compensation.
- Manual adjustable front support with linear.



Germany BOSCH Hydraulics & Pump



U.S.A Sunny Oil Pump



Double Linear Guide



Schneider Electrics



Optional Multiple Axes With More Function

### Optional Equipment



Japan KYOKKO Fast Clamping



Boke Backgauge



WILA Hydraulic Clamps



Laser Guards

## CNC Controller



### DA53T

- "Hot-key" touch navigation
- 10.1" high resolution colour TFT
- Up to 4 axes (Y1, Y2 + 2 aux axes)
- Crowning control
- Tool / material / product library
- Servo and frequency inverter control
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- TandemLink (option)
- USB memory stick interfacing
- Profile-T offline software



160T/3200  
DA53T



### DA58T

- 2D graphic touch screen programming mode
- 15 "high-resolution TFT true color display
- Bending process calculation
- The deflection compensation control
- The servo and the inverter control mode
- Advanced Y axis control algorithm, can control closed loop valve, also can open loop control valve
- The USB interface



160T/4000  
DA58T



### DA66T

- 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- 17" high resolution colour TFT, Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- User specific application support within the controllers multitasking environment
- Sensor bending & correction interface



100T/3200  
DA66T



### CybTouch12

- 12 "color LCD display, touch screen, icon recognition function;
- Automatically calculate bending angle, main pressure and deflection compensation;
- Automatic calculation of bending data;
- Automatic calculation of pressure and deflection compensation;
- Automatic calculation of upper die depth;
- Angle, rear gear correction, 2D graphics programming;
- Automatically simulate the bending sequence (option).



160T/3200  
CybTouch12



### ESA-S630

- High-definition 10-inch TFT color touch screen
- Built-in PLC 2D graphics programming
- Expand length calculation
- Graphic upper and lower mold, support the multilateral mold, telescopic mold, arc mold, gooseneck mold and so on
- Graphical programming Automatic, manual optimization
- Supports analog bending
- Support for graphic or numerical arc bending
- support double-click linkage function, no need to purchase another synchronization card



160T/3200  
ESA-S630



### ESA-S640

- High definition 15 inch TFT color display
- Built-in PLC, 2D graphics programming, Calculation of expansion length
- Graphic up and down mold, support multilateral mold, telescopic mold, arc mold, gooseneck mold, etc
- Automatic and manual optimization of graphic programming
- Support simulated bending, Support graphic or numerical arc bending
- PS2 keyboard and mouse interface
- Support dual linkage function, no need to buy synchronous card



## CNC System Brand Description

**DELEM:** DA53T, DA58T, DA66T  
**ESA:** ESA S630, ESA S640  
**CYBELEC:** CT12, MODEVA12S



**Parameters of CNC Press Brake**



CNC PRESS BRAKE

| Model (DMB)            | 63T/2500                 | 100T/3200 | 125T/3200 | 160T/3200 | 200T/3200 | 250T/3200 | 300T/3200 | 400T/4000                | 500T/6000 | 600T/6000 | 800T/6000 | 800T/8000 | 1000T/6000 | 1000T/8000 | 1000T/10000 |
|------------------------|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------------------|-----------|-----------|-----------|-----------|------------|------------|-------------|
| Normal Force (KN)      | 630                      | 1000      | 1250      | 1600      | 2000      | 2500      | 3000      | 4000                     | 5000      | 6000      | 8000      | 8000      | 10000      | 10000      | 10000       |
| Bending Length (mm)    | 2500                     | 3200      | 3200      | 3200      | 3200      | 3200      | 3200      | 4000                     | 5000      | 6000      | 6000      | 8000      | 6000       | 8000       | 10000       |
| Vertical Distance (mm) | 2000                     | 2700      | 2700      | 2700      | 2700      | 2700      | 2700      | 3100                     | 4900      | 4900      | 4200      | 6200      | 4200       | 6200       | 8200        |
| Throat Depth (mm)      | 400                      | 400       | 400       | 400       | 400       | 400       | 400       | 400                      | 500       | 500       | 600       | 600       | 600        | 600        | 600         |
| Stroke (mm)            | 150                      | 200       | 200       | 200       | 200       | 200       | 300       | 300                      | 300       | 300       | 400       | 400       | 400        | 400        | 400         |
| Max. Opening(mm)       | 380                      | 420       | 420       | 420       | 420       | 420       | 500       | 600                      | 600       | 600       | 800       | 800       | 800        | 800        | 800         |
| Main Power (KW)        | 5.5                      | 7.5       | 11        | 11        | 15        | 15        | 22        | 30                       | 37        | 45        | 55        | 55        | 2X37       | 2X37       | 2X37        |
| Axes                   | 3+1(Y1, Y2, X, V)        |           |           |           |           |           |           |                          |           |           |           |           |            |            |             |
| Compensation           | (Hydraulic Compensation) |           |           |           |           |           |           | (Motorized Compensation) |           |           |           |           |            |            |             |
| X-travel (mm)          | 500                      |           |           |           |           |           |           | 800                      |           |           |           |           |            |            |             |
| X-speed                | 200mm/s                  |           |           |           |           |           |           |                          |           |           |           |           |            |            |             |
| Overall Length (mm)    | 3100                     | 3500      | 3500      | 3500      | 3500      | 3500      | 3500      | 4500                     | 6500      | 6500      | 6500      | 8500      | 6500       | 8500       | 10500       |
| Overall Width (mm)     | 1450                     | 1580      | 1580      | 1650      | 1680      | 1700      | 1800      | 2450                     | 2810      | 2910      | 2950      | 2950      | 3000       | 3000       | 3000        |
| Overall Height (mm)    | 2300                     | 2500      | 2500      | 2600      | 2700      | 2760      | 2900      | 3500                     | 4500      | 5100      | 5300      | 5900      | 5600       | 6100       | 5850        |
| Apprx. Weight (Ton)    | 5.8                      | 8.5       | 9.5       | 11        | 14        | 15.5      | 16.8      | 31                       | 53        | 68        | 90        | 120       | 100        | 130        | 150         |



CNC PRESS BRAKE

**Technical Parameters**

| Model (DMB)            | 1200T/6000               | 1200T/7000 | 1600T/6000 | 1600T/7000 | 1600T/8000 | 1600T/10000 | 2000T/8000 | 2000T/10000 | 2000T/12000 | 2000T/14000 | 3000T/8000 | 3000T/10000 | 3000T/12000 | 3000T/14000 |
|------------------------|--------------------------|------------|------------|------------|------------|-------------|------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|
| Normal Force (KN)      | 12000                    | 12000      | 16000      | 16000      | 16000      | 16000       | 20000      | 20000       | 20000       | 20000       | 30000      | 30000       | 30000       | 30000       |
| Bending Length (mm)    | 6000                     | 7000       | 6000       | 7000       | 8000       | 10000       | 8000       | 10000       | 12000       | 14000       | 8000       | 10000       | 12000       | 14000       |
| Vertical Distance (mm) | 4200                     | 5200       | 4200       | 5200       | 6200       | 8200        | 5050       | 7050        | 9050        | 11050       | 6200       | 8000        | 9050        | 11000       |
| Throat Depth (mm)      | 700                      | 700        | 700        | 700        | 700        | 700         | 700        | 700         | 700         | 700         | 700        | 700         | 700         | 700         |
| Stroke (mm)            | 400                      | 400        | 400        | 400        | 400        | 400         | 500        | 500         | 500         | 500         | 400        | 400         | 400         | 400         |
| Max. Opening(mm)       | 800                      | 800        | 800        | 800        | 800        | 800         | 900        | 900         | 900         | 900         | 800        | 800         | 800         | 800         |
| Main Power (KW)        | 2X45                     | 2X45       | 2X55       | 2X55       | 2X55       | 2X55        | 2X75       | 2X75        | 2X75        | 2X75        | 2X55       | 2X55        | 2X55        | 2X55        |
| Axes                   | 3+1(Y1, Y2, X, V)        |            |            |            |            |             |            |             |             |             |            |             |             |             |
| Compensation           | (Motorized Compensation) |            |            |            |            |             |            |             |             |             |            |             |             |             |
| X-travel (mm)          | 1000                     |            |            |            |            |             |            |             |             |             |            |             |             |             |
| X-speed                | 200mm/s                  |            |            |            |            |             |            |             |             |             |            |             |             |             |
| Overall Length (mm)    | 6500                     | 8500       | 6500       | 7200       | 8500       | 10500       | 8500       | 10500       | 12500       | 14500       | 8500       | 10500       | 12500       | 14500       |
| Overall Width (mm)     | 3100                     | 3100       | 3300       | 3300       | 3300       | 3300        | 3500       | 3500        | 3500        | 3500        | 3700       | 3700        | 3700        | 3700        |
| Overall Height (mm)    | 5850                     | 7150       | 6500       | 7000       | 8000       | 8000        | 8000       | 8300        | 8300        | 8300        | 8600       | 8600        | 8600        | 8600        |
| Apprx. Weight (Ton)    | 130                      | 150        | 150        | 170        | 190        | 210         | 260        | 290         | 320         | 350         | /          | /           | /           | /           |

Parameters change without notice. All the above models are suitable for tandem.

## DMS Series CNC/NC Hydraulic Guillotine Shearing Machine



| Model    | Cutting Thickness (mm) | Cutting Length (mm) | Angle Range (°) | Backgauge Stroke (mm) | Approx. Weight (T) | Overall Length (mm) | Overall Width (mm) | Overall Height (mm) | Main Power (Kw) |
|----------|------------------------|---------------------|-----------------|-----------------------|--------------------|---------------------|--------------------|---------------------|-----------------|
| TYPE     | (mm)                   | (mm)                | (°)             | (mm)                  | (T)                | (mm)                | (mm)               | (mm)                | (Kw)            |
| 6x2500   | 6                      | 2500                | 1-3             | 750                   | 4.2                | 3140                | 1740               | 2040                | 7.5             |
| 6x3200   | 6                      | 3200                | 1-3             | 750                   | 5.7                | 3750                | 1770               | 2150                | 7.5             |
| 6x4000   | 6                      | 4000                | 1-3             | 750                   | 8.5                | 4830                | 1840               | 2150                | 11              |
| 6x5000   | 6                      | 5000                | 1-3             | 750                   | 11                 | 5830                | 1840               | 2150                | 11              |
| 6x6000   | 6                      | 6000                | 1-3             | 750                   | 14                 | 6480                | 2100               | 2300                | 11              |
| 8x2500   | 8                      | 2500                | 1-3             | 750                   | 4.4                | 3040                | 1700               | 1700                | 11              |
| 8x3200   | 8                      | 3200                | 1-3             | 750                   | 6                  | 3860                | 1700               | 1700                | 11              |
| 8x4000   | 8                      | 4000                | 1-3             | 750                   | 8.9                | 4640                | 1700               | 1700                | 11              |
| 8x5000   | 8                      | 5000                | 1-3             | 750                   | 11.5               | 5400                | 2400               | 2000                | 11              |
| 8x6000   | 8                      | 6000                | 1-3             | 750                   | 16                 | 6480                | 2100               | 2350                | 11              |
| 8x8000   | 8                      | 8000                | 1-3             | 750                   | 29.5               | 8580                | 2130               | 2350                | 11              |
| 10x2500  | 10                     | 2500                | 1-3             | 750                   | 6.5                | 3040                | 1800               | 1700                | 15              |
| 10x3200  | 10                     | 3200                | 1-3             | 750                   | 8                  | 3850                | 1830               | 1900                | 15              |
| 10x4000  | 10                     | 4000                | 1-3             | 750                   | 12                 | 4650                | 2100               | 2000                | 15              |
| 10x5000  | 10                     | 5000                | 1-3             | 750                   | 16                 | 5750                | 2100               | 2000                | 15              |
| 10x6000  | 10                     | 6000                | 1-3             | 750                   | 24                 | 6500                | 2100               | 2300                | 15              |
| 10x8000  | 10                     | 8000                | 1-3             | 750                   | 32                 | 6800                | 2100               | 2300                | 15              |
| 13x2500  | 12                     | 2500                | 1-3             | 750                   | 8.5                | 3285                | 1830               | 2390                | 15              |
| 13x3200  | 12                     | 3200                | 1-3             | 750                   | 10                 | 3855                | 1830               | 2390                | 18.5            |
| 13x4000  | 12                     | 4000                | 1-3             | 1000                  | 13.5               | 4850                | 1830               | 2390                | 18.5            |
| 13x6000  | 12                     | 6000                | 1-3             | 1000                  | 26                 | 6850                | 1930               | 2650                | 18.5            |
| 13x8000  | 12                     | 8000                | 1-3             | 1000                  | 46                 | 8950                | 2130               | 2850                | 18.5            |
| 13x9000  | 12                     | 9000                | 1-3             | 1000                  | 65                 | 9980                | 2300               | 2950                | 18.5            |
| 13x10000 | 12                     | 10000               | 1-3             | 1000                  | 85                 | 11050               | 2500               | 3100                | 18.5            |
| 16x2500  | 16                     | 2500                | 1-3             | 1000                  | 13                 | 3440                | 1940               | 2830                | 22              |
| 16x3200  | 16                     | 3200                | 1-3             | 1000                  | 15                 | 4010                | 1940               | 2830                | 22              |
| 16x4000  | 16                     | 4000                | 1-3             | 1000                  | 16.5               | 5010                | 1980               | 2830                | 22              |
| 16x5000  | 16                     | 5000                | 1-3.5           | 1000                  | 25                 | 5900                | 2600               | 2830                | 22              |
| 16x6000  | 16                     | 6000                | 1-3.5           | 1000                  | 31                 | 6900                | 2700               | 2830                | 22              |
| 16x8000  | 16                     | 8000                | 1-3.5           | 1000                  | 75                 | 8900                | 2900               | 3430                | 22              |
| 20x2500  | 20                     | 2500                | 1-3.5           | 1000                  | 17                 | 3440                | 1980               | 2830                | 30              |
| 20x3200  | 20                     | 3200                | 1-3.5           | 1000                  | 20                 | 4010                | 1900               | 2830                | 30              |
| 20x4000  | 20                     | 4000                | 1-3.5           | 1000                  | 22                 | 4850                | 2600               | 2900                | 30              |
| 20x6000  | 20                     | 6000                | 1-3.5           | 1000                  | 50                 | 6700                | 3000               | 3000                | 30              |
| 30x2500  | 30                     | 2500                | 1-3.5           | 1000                  | 29                 | 3440                | 1900               | 2830                | 37              |
| 30x3200  | 30                     | 3200                | 1-3.5           | 1000                  | 38                 | 4200                | 1900               | 3000                | 37              |
| 40x2500  | 40                     | 2500                | 1-3.5           | 1000                  | 38                 | 3440                | 2000               | 3000                | 37              |

Parameters change without notice. All the sizes above models are suitable for tandem.

### Standard Equipment



Former Workbench



German BOSCH Hydraulics



USA FIRST Valve Group



Adjust Blade Clearance With Upper Fulcrum



Electric Adjustment of Blade Clearance



Servo Motor

### Optional Equipment



Precision Front Feeding



Belt Conveyor



Pneumatic Backgauge Support  
(ball bearing slide plate)

## CNC/NC Hydraulic Guillotine Shearing Machine

### Controller



#### E21S

- LCD high-definition display.
- Control backline shaft (X).
- Automatic fast movement and low speed positioning.
- Independent manual movement function in X-axis.
- Cut counting function.
- Set the scale factor freely.
- Multi-step programming, program automatic running, continuous positioning.
- Power off memory stoppers and stops of positions, programs, parameters.
- Automatic back-off function to avoid interference between backliner and workpiece.
- Unidirectional positioning function eliminates screw drive clearance.
- Metric/imperial conversion function.
- Hardware diagnostic functions.
- High-quality, tactile keys.



#### DAC360T

- Panel mounting
- Bright LCD display
- Rear/front stopper control
- Back-off function
- Shear angle and gap control
- Cut stroke limit
- All axes can be moved manually
- Pressure control
- Plate thickness detection
- Return to feeding position function
- Second and third servo axis control
- Sheet metal support function

### Main Features:

Bright LCD screen, Backgauge control, Retract function, Cutting angle control, Cutting gap control, Stroke length limitation, Force control, Manual movement of axes;

### Optional Controllers:

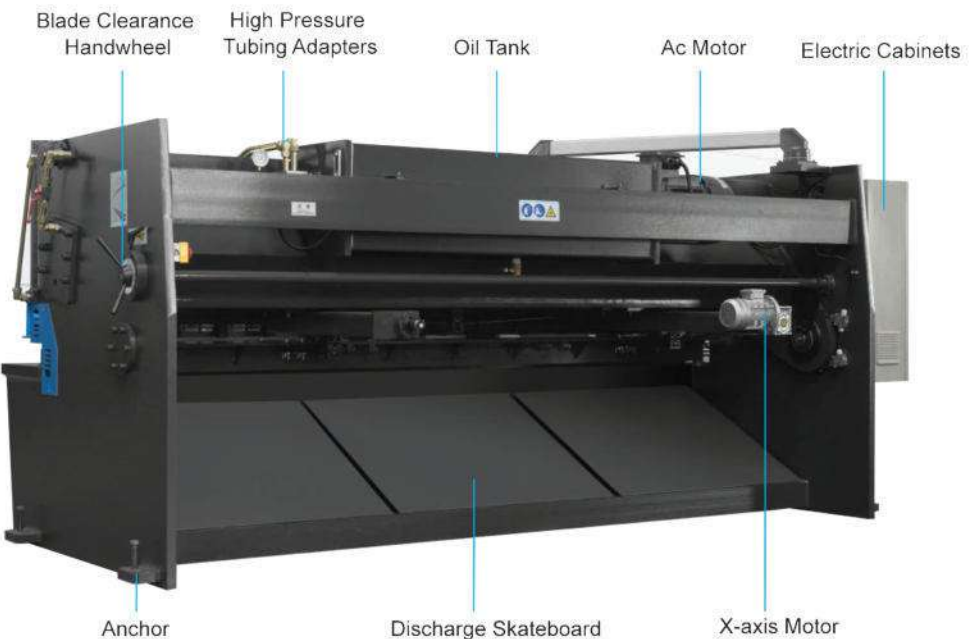
ESTUN E21S, E200PS, DAC360T, DAC362T, CT8G



## NC Hydraulic Swing Beam Shearing Machine

### ( E21S )

The UG (finite element) analysis method was used to optimize the design with computer aid. The fuselage adopts integral steel plate welded structure, which has good strength, rigidity and vibration resistance. Internal stress relief by tempering. The whole frame is sanded to remove rust and sprayed with anti-rust paint. The table is equipped with an auxiliary tool holder for easy blade adjustment. The work surface is equipped with feeding balls, which is light to operate. The blade gap adjustment adopts stepless adjustment mechanism to adapt to the shearing needs of different plate thicknesses and materials. Rectangular lower blade with four cutting edges for extended blade life. Adjust the shear stroke to improve processing efficiency and realize segmented shearing function. The number of cuts is automatically counted, which reduces the inventory work of cumbersome locks.



## Controller



### E21S

- LCD high-definition display.
- Control backline shaft (X).
- Automatic fast movement and low speed positioning.
- Independent manual movement function in X-axis.
- Cut counting function.
- Set the scale factor freely.
- Multi-step programming, program automatic running, continuous positioning.
- Power off memory stoppers and stops of positions,

- programs, parameters.
- Automatic back-off function to avoid interference between backliner and workpiece.
- Unidirectional positioning function eliminates screw drive clearance.
- Metric/imperial conversion function.
- Hardware diagnostic functions.
- High-quality, tactile keys.



### DAC360T

- Panel mounting
- Bright LCD display
- Rear/front stopper control
- Back-off function
- Shear angle and gap control
- Cut stroke limit
- All axes can be moved manually
- Pressure control
- Plate thickness detection
- Return to feeding position function
- Second and third servo axis control
- Sheet metal support function

### Delem | Integrated touchscreen

The bright LCD display and easy-to-operate touch screen make it very convenient for users to operate. The operator relies on clear icons to easily complete all functions of data programming.

The DAC-362T supports two and three stopper shaft controls, providing control of additional stoppers and related functions. All pressures of clamping and shearing can be effectively controlled on the DAC-360T.



Brand Main Motor And Oil Pump



Pendulum Tool Holder Structure



Rexroth Hydraulic Valves



Blade Clearance Adjustment Handwheel



X-axis Ball Screw And Grinding Light Rod



X-axis Drive Motor



Position The Ruler In Front Of The Workbench



Backgauge Servo Motor



Ball Screws And Linear Guides

| Model   | Thickness (Mm) | Width (Mm) | Cutting Angle (°) | Material Strength (Kn/cm) | Backgear Travel (Mm) | Cutting Times (T/min) | Power (Kw) | Weight (T) | Overall Dimension L×w×h(Mm) |
|---------|----------------|------------|-------------------|---------------------------|----------------------|-----------------------|------------|------------|-----------------------------|
| 4×2500  | 4              | 2500       | 1°30'             | ≤450                      | 20-600               | 16                    | 5.5        | 3.4        | 3100×1700×1650              |
| 4×3200  | 4              | 3200       | 1°30'             | ≤450                      | 20-600               | 14                    | 5.5        | 4          | 3800×1700×1650              |
| 4×4000  | 4              | 4000       | 1°30'             | ≤450                      | 20-600               | 10                    | 5.5        | 5.6        | 4600×1750×1750              |
| 6×2500  | 6              | 2500       | 1°30'             | ≤450                      | 20-600               | 14                    | 7.5        | 4.4        | 3100×1750×1700              |
| 6×3200  | 6              | 3200       | 1°30'             | ≤450                      | 20-600               | 12                    | 7.5        | 5.1        | 3800×1750×1700              |
| 6×4000  | 6              | 4000       | 1°30'             | ≤450                      | 20-600               | 8                     | 7.5        | 7.6        | 4600×1850×1850              |
| 6×5000  | 6              | 5000       | 1°30'             | ≤450                      | 20-600               | 6                     | 11         | 12.5       | 5600×2050×2180              |
| 6×6000  | 6              | 6000       | 1°30'             | ≤450                      | 20-600               | 5                     | 11         | 14.8       | 6600×2120×2230              |
| 8×2500  | 8              | 2500       | 1°30'             | ≤450                      | 20-600               | 10                    | 11         | 5.3        | 3100×1750×1700              |
| 8×3200  | 8              | 3200       | 1°30'             | ≤450                      | 20-600               | 8                     | 11         | 6.5        | 3800×1750×1700              |
| 8×4000  | 8              | 4000       | 1°30'             | ≤450                      | 20-600               | 8                     | 11         | 7.7        | 4600×1850×1850              |
| 8×5000  | 8              | 5000       | 1°30'             | ≤450                      | 20-600               | 8                     | 11         | 13.5       | 5600×2100×2230              |
| 8×6000  | 8              | 6000       | 1°30'             | ≤450                      | 20-600               | 8                     | 11         | 15.8       | 6600×2200×2300              |
| 10×2500 | 10             | 2500       | 2°                | ≤450                      | 20-600               | 9                     | 11         | 6.5        | 3100×2820×1920              |
| 10×3200 | 10             | 3200       | 2°                | ≤450                      | 20-600               | 9                     | 11         | 7.7        | 3800×1820×1920              |
| 10×4000 | 10             | 4000       | 2°                | ≤450                      | 20-600               | 8                     | 11         | 9          | 4600×1900×2000              |
| 10×6000 | 10             | 6000       | 2°                | ≤450                      | 20-750               | 5                     | 15         | 22         | 6600×2400×2350              |
| 12×2500 | 12             | 2500       | 2°                | ≤450                      | 20-600               | 9                     | 18.5       | 8          | 3100×1850×2020              |
| 12×3200 | 12             | 3200       | 2°                | ≤450                      | 20-600               | 9                     | 18.5       | 9.4        | 3800×1820×1920              |
| 12×4000 | 12             | 4000       | 2°                | ≤450                      | 20-600               | 8                     | 18.5       | 11.8       | 4600×1950×2100              |
| 12×5000 | 12             | 5000       | 2°                | ≤450                      | 20-750               | 6                     | 18.5       | 21         | 5600×2400×2350              |
| 12×6000 | 12             | 6000       | 2°                | ≤450                      | 20-750               | 5                     | 18.5       | 26         | 6600×2400×2350              |
| 16×2500 | 16             | 2500       | 2°30'             | ≤450                      | 20-600               | 9                     | 22         | 9.2        | 3100×1950×2080              |
| 16×3200 | 16             | 3200       | 2°30'             | ≤450                      | 20-600               | 8                     | 22         | 10.6       | 3800×1950×2080              |
| 16×4000 | 16             | 4000       | 2°30'             | ≤450                      | 20-600               | 8                     | 22         | 15.3       | 4600×2300×2180              |

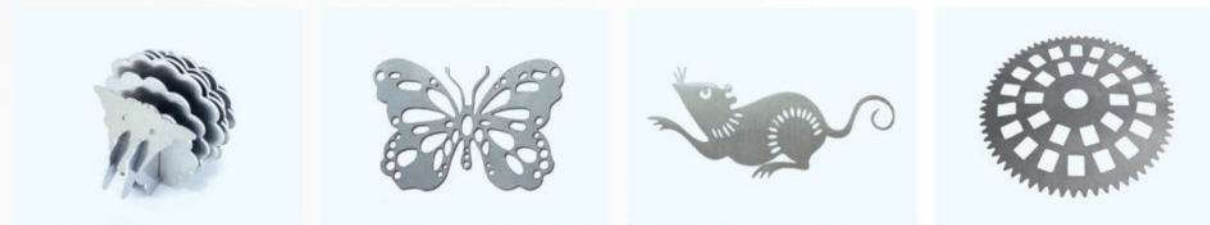
## DMD Series Double-Drive High Speed Fiber Laser Cutting Machine



### Performance

DMD series fiber laser cutting machine has many unique advantages in laser cutting applications. Excellent beam quality, suitable for high-speed and high-precision cutting. Small size, higher integration. The laser output power is stable and the equipment reliability is high. High efficiency, low energy consumption and low cost. Good dynamic characteristics and high efficiency.

### Sample Display



### Tubesheet Welded

- The bed adopts tube plate combined with welding structure (Internal aircraft metal honeycomb structure, mortise and tenon structure welding)
- It has higher rigidity, torsion resistance and deformation resistance
- The unique structure design has the ability to resist the deformation caused by high cutting heat
- Stress relief annealing after welding to ensure no deformation of the bed after 20 years of use



| Model                         | DMD-3015           | DMD-4015           | DMD-4020           | DMD-6020           | DMD-6025           | DMD-8025           |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Cutting Range                 | 3000*1500mm        | 4000*1500mm        | 4000*2000mm        | 6000*2000mm        | 6000*2500mm        | 8000*2500mm        |
| Laser Power                   | < 3000W            | < 3000W            | < 6000W            | < 12000W           | < 12000W           | < 12000W           |
| Max. Positioning Acceleration | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> |
| Positioning Accuracy          | ±0.02mm/m          | ±0.02mm/m          | ±0.02mm/m          | ±0.02mm/m          | ±0.02mm/m          | ±0.02mm/m          |
| Reposition Accuracy           | ±0.03mm            | ±0.03mm            | ±0.03mm            | ±0.03mm            | ±0.03mm            | ±0.03mm            |

\*The displayed parameters are for reference only, the actual parameter information is subject to the actual product

LASER CUTTING

LASER CUTTING

## DMP Series Exchange Worktable Fiber Laser Cutting Machine



### Performance

The new closed design, double table fast exchange, while processing edge cutting, fast, small slit, smooth section, easy operation, low energy consumption, suitable for large quantities of continuous processing, highlighting cutting competitive advantage.

### Sample Display



### Brand Laser Head

- Without manual focusing, the software can automatically adjust the focus lens and control the height of the upper and lower parts, so as to realize the automatic piercing and cutting of plates with different thickness. The software can memorize the focal length of different plates, and the operation is simpler, which is ten times of the manual speed.
- The precision is 0.01mm, which is suitable for different types of plates from 0 to 20 mm.
- Double water cooling of collimating lens and focusing lens reduces the temperature of cutting head and improves the service life of cutting head.



THE CAR INDUSTRY    HARDWARE PRODUCTS    KITCHEN WARE    SHEET METAL PROCESSING    CABINET    CASE CABINET    LIGHTING INDUSTRY    ADVERTISING INDUSTRY    CRAFT GIFT    PRECISION MACHINERY    SPORTS GOODS    GLASSES INDUSTRY

| Model                         | DMP-3015           | DMP-4020           | DMP-6020           | DMP-6025           | DMP-8025           |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Cutting Range                 | 3000*1500mm        | 4000*2000mm        | 6000*2000mm        | 6000*2500mm        | 8000*2500mm        |
| Laser Power                   | < 20000W           | < 20000W           | < 20000W           | 3000-20000W        | 3000-20000W        |
| Max. Positioning Acceleration | 20m/s <sup>2</sup> | 20m/s <sup>2</sup> | 20m/s <sup>2</sup> | 20m/s <sup>2</sup> | 20m/s <sup>2</sup> |
| Positioning Accuracy          | ± 0.02mm/m         | ± 0.02mm/m         | ± 0.02mm/m         | ± 0.02mm/m         | ± 0.02mm/m         |
| Reposition Accuracy           | ± 0.03mm           | ± 0.03mm           | ± 0.03mm           | ± 0.03mm           | ± 0.03mm           |

\*The displayed parameters are for reference only, the actual parameter information is subject to the actual product

## DMDR Series Plate And Tube Integration Laser Cutting Machine



### Performance

Tube sheet integrated cutting, easy to exchange, can not only cut flat plate, but also meet the needs of users to cut round tube, square tube and forming box.

- It can cut multiple intersecting line holes with different directions and diameters on the main pipe
- It can cut the oblique section end face at the end of the pipe
- It can cut the intersection line end of branch pipe intersecting with annular main pipe
- It can cut square hole, waist hole and round hole on round pipe

The steel pipe can be cut off

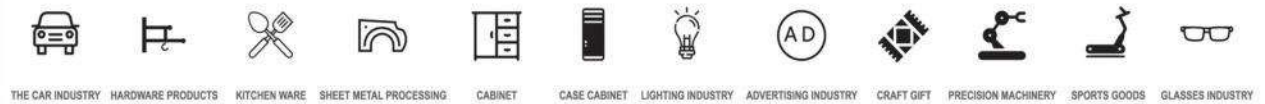
- It can cut various graphics on the surface of square pipe
- It can cut steel plates of different specifications
- It can cut and cut holes on the forming box

### Sample Display



### Brand Laser

Fiber laser adopts air-cooled compact structure design, semiconductor fiber as laser generation medium, green environmental protection, simple mechanical structure, constant optical path, basically maintenance free, stable cutting performance.



| Model                         | DMDR-3015          | DMDR-4020          | DMDR-6020          | DMDR-6020          |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|
| Cutting Range                 | 3000*1500mm        | 4000*2000mm        | 6000*2000mm        | 6000*2500mm        |
| Pipe Cutting Length           | 6000mm             | 6000mm             | 6000mm             | 6000mm             |
| Chuck Diameter                | 220/320mm          | 220/320mm          | 220/320mm          | 220/320mm          |
| Laser Power                   | < 6000W            | < 6000W            | < 6000W            | < 6000W            |
| Max. Positioning Acceleration | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> | 10m/s <sup>2</sup> |
| Positioning Accuracy          | ± 0.02mm/m         | ± 0.02mm/m         | ± 0.02mm/m         | ± 0.02mm/m         |
| Reposition Accuracy           | ± 0.03mm           | ± 0.03mm           | ± 0.03mm           | ± 0.03mm           |

\*The displayed parameters are for reference only, the actual parameter information is subject to the actual product

## DMPR Series



## Professional Laser Cutting Control System

It adopts "CypCut plane cutting software", which is a set of software specially developed for the laser cutting industry. It is easy to use and has rich functions, which is suitable for various processing occasions. It can quickly set lead, micro-connection, compensation and other processes. With the batch modification function, it can quickly complete the setting of the whole board process. It supports floating coordinate system and workpiece coordinate system, supports photoelectric edge finding and capacitive edge finding, and quickly corrects the board deviation angle.

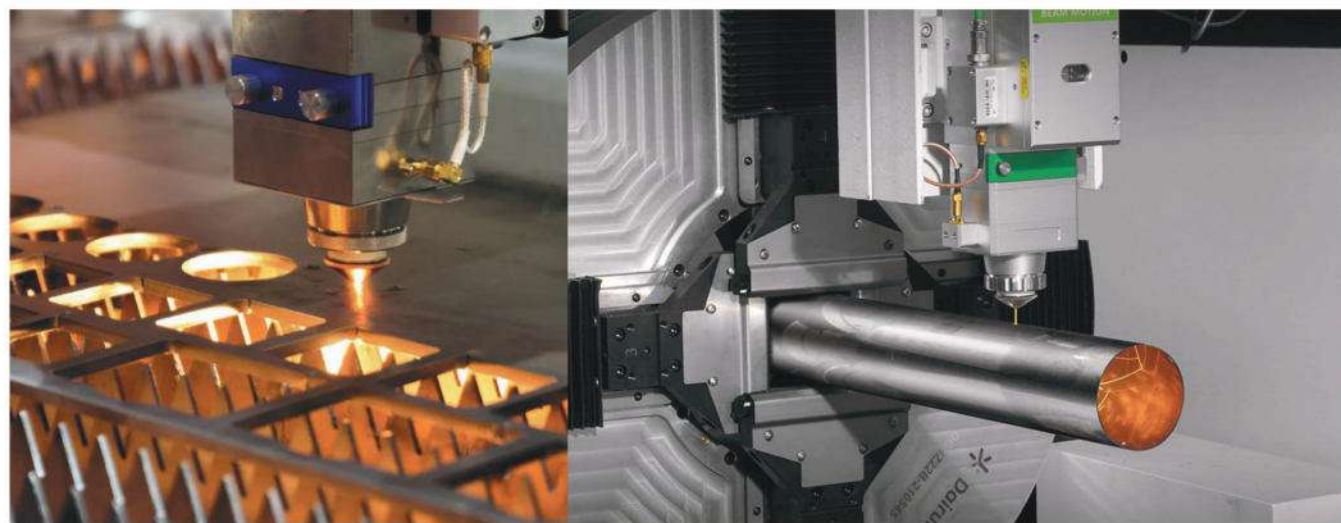


### Technical Parameters

| Project              | Unit             | DMPR-3015  | DMPR-4020  | DMPR-6020  | DMPR-6025  | DMPR-8025  |
|----------------------|------------------|------------|------------|------------|------------|------------|
| Sheet Cutting Range  | mm               | 3000*1500  | 4000*2000  | 6000*2000  | 6000*2500  | 8000*2500  |
| Laser Power          | W                | ≤10000W    | ≤30000W    | ≤30000W    | ≤30000W    | ≤30000W    |
| Tube Length          | mm               | 6000~12000 | 6000~12000 | 6000~12000 | 6000~12000 | 6000~12000 |
| Cut Pipe Diameter    | mm               | 200~360    | 200~360    | 200~360    | 200~360    | 200~360    |
| Acceleration         | m/s <sup>2</sup> | 20         | 20         | 20         | 20         | 20         |
| Positioning Accuracy | mm/m             | ±0.02      | ±0.02      | ±0.02      | ±0.02      | ±0.02      |
| Repeatability        | mm               | ±0.03      | ±0.03      | ±0.03      | ±0.03      | ±0.03      |

\*The displayed parameters are for reference only, the actual parameter information is subject to the actual product

## Laser Cutting System Shared By Plate and Tube



## Laser Cutting Head



Optimized optical configuration and smooth and efficient airflow design, significantly improve cutting quality and efficiency;  
Automatic focusing, reducing human intervention, focusing accuracy of 0.05mm;  
Collimation adds protective lenses to effectively protect the collimating lenses;  
Quick and easy replacement of protective lenses;

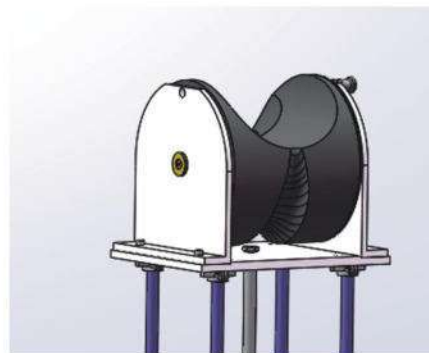


## Tube Clamping Rotary Chuck



### Chuck

- ① Automatic centering of the chuck, automatic clamping, no need to replace the jaws for the full stroke
- ② The moment of inertia of the chuck is small, and the positioning accuracy is high
- ③ The chuck has high precision for repeated card loading



### Variable Diameter Support System

The system is equipped with multiple lifting support mechanisms with rotatable pipe diameters. And realize the function of automatic lifting and changing diameter

## Equipment Main Configuration List

| No. | Project   | Configure Content Or Description  | Place of Origin         |
|-----|---|---|-------------------------|
| 1   | Machine Tool System:<br>Gantry Double Drive Structure | Rack And Pinion   | Taiwan YYC              |
|     |   | Reducer   | French Motoreducer      |
|     |   | Beam Structure  | DISHAA                  |
|     |   | Motor System  | Fuji, Japan             |
|     |   | Guide   | Taiwan HIWIN/Japan SMG  |
| 2   | Laser Generator                                       | Maxphotonics Fiber Laser  | China                   |
| 3   | Cooling System  | Laser Supporting Water Cooling System   | China                   |
| 4   | Cutting Head System                                   | Raytools  | China Raytools          |
| 5   | Workbench Form  | Fixed Workbench   | DISHAA                  |
| 6   | Sheet Metal Form                                      | Half-enclosed Sheet Metal Housing   | DISHAA                  |
| 7   | Control System  | BoChu   | ShangHai                |
| 8   | Exhaust System  | Large Flow Fan  | China                   |
| 9   | Gas Distribution System                               | Throttle Valve, Pressure Reducing Valve, Electric Proportional Valve                        | Japan, etc.             |
| 10  | Computer  | Dual-core Cpu 2.6ghz + Memory 1g + Hard Disk 250g + 19-inch Screen                          | Industrial Computer     |
| 11  | The Composition Of The<br>Cutting Head System         | Optical Fiber Cutting Head Lens   | Optical fiber dedicated |
|     |   | Capacitive Sensor + Amplifier (Built-in) + Adjustment Box                                   | China                   |
| 12  | Electrical System<br>Composition                      | Contactors, Air Switches, Etc.  | Schneider               |
|     |   | Photoelectric Switch, Etc.  | Omron                   |
|     |   | Terminal  | Weidmüller, Germany     |
|     |   | Tanks Chain   | China                   |
| 13  | Appendix  | Protective Lens + Single And Double Layer Nozzle +<br>Ceramic Ring + Nozzle Connecting Line | DISHAA                  |

## CO2 Laser Marking Machine with RF Metal Tube



### Equipment Advantages

1. It adopts imported or high-quality domestic CO2 RF laser source, which has better beam quality, high photoelectric conversion rate and good performance.
2. High engraving precision, clear marking machine, not easy to wear, fast marking speed, stable performance, no consumables for equipment.
3. Long working life, stable laser output, suitable for industrial long term continuous work, and can be refilled with gas continuing to use.
4. Support PLT, PCX, DXF, BMP and other documents, directly use SHX, TTF fonts, support automatic coding, serial number, batch number, date, barcode and QR code marking, software has graphic anti-play function.

### Technical Parameters

| Model                       | DX-30S                                      | DX-60S                                      | DX-100S                                     |
|-----------------------------|---|---|---|
| Laser power                 | 30W   | 60W   | 100W  |
| Laser wavelength            | 10.64um                                     | 10.64um                                     | 10.64um                                     |
| Repeat frequency            | ≤20KHz                                      | ≤20KHz                                      | ≤20KHz                                      |
| Marking speed               | ≤7000mm/s                                   | ≤7000mm/s                                   | ≤7000mm/s                                   |
| Minimum font                | +/-0.4mm                                    | +/-0.4mm                                    | +/-0.4mm                                    |
| Repeat positioning accuracy | ±0.01mm                                     | ±0.01mm                                     | ±0.01mm                                     |
| Control system              | Internal air cooling or outer water cooling | Internal air cooling or outer water cooling | Internal air cooling or outer water cooling |
| Power supply                | AC 110V/220V ±10%,50HZ                      | AC 110V/220V ±10%,50HZ                      | AC 110V/220V ±10%,50HZ                      |
| Whole power                 | 1500W                                       | 1500W                                       | 1500W                                       |

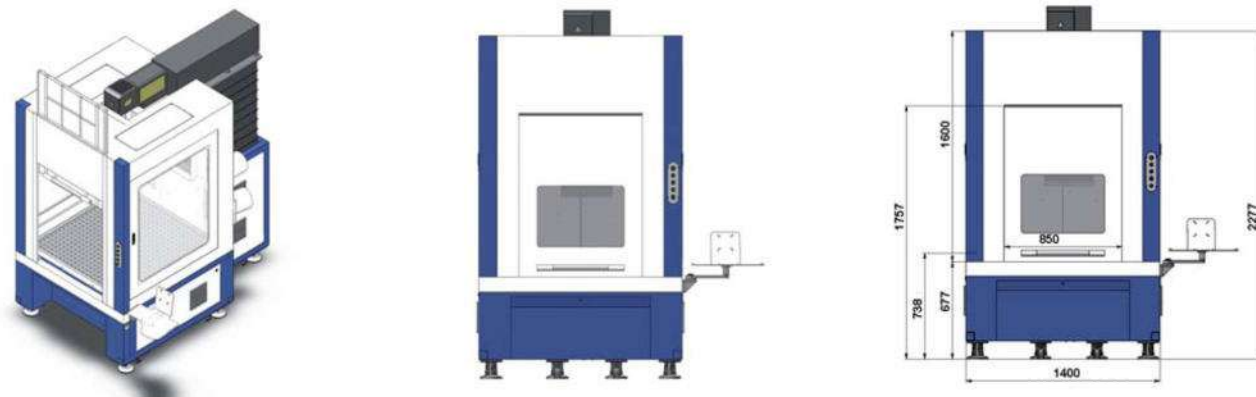
### Sample Display



### Applicable Fields

Popular for non-metal materials marking, widely used in leather, wood, textile, plastic, signage, packaging, crafts, electronics, communications devices, watches, glasses, printing, decoration areas, etc.

## Large Format Dynamic CO2 Laser Marking Machine with RF Metal Tube



### Equipment Advantages

1. Suitable for large-area engraving marking of various non-metallic materials; layered setting, perfect combination of surface engraving, hollowing and cutting.
2. It can be applied to the cutting of soft and low-density sheets. It has strong laser energy, fine beam and small mechanical stress.
3. Ideal for marking rolled fabrics, marking on jeans to get different marking effects and flying marking.
4. Fully enclosed optical path, imported CO2 RF laser and strict multiple control design.

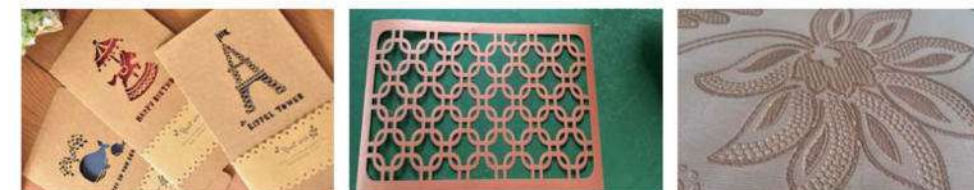
### Applicable Fields

Ideal for marking rolled fabrics, marking on jeans to get different marking effects and flying marking.

### Technical Parameters

| Model                   | DXF-1212/16110                                      |
|-------------------------|---|
| Process area            | 1200*1200mm , 1600*1000mm                           |
| Laser power             | 100W-600W optional                                  |
| Laser wavelength        | 10640nm   |
| Laser type              | RF sealed laser generator imported from US          |
| Lens                    | Laser conductive lens full set imported from US i   |
| Cooling system          | Professional industrial forced water-cooling system |
| Marking speed           | 0-7000mm/s  |
| Laser energy control    | 0-100% software setting                             |
| Minimum font            | 1.8mm   |
| Minimum character space | 0.4mm   |
| Positioning accuracy    | ≤+0.01mm  |
| Control software        | Chanxan dynamic control system                      |
| Support format          | Photoshop,coreldraw,autocad,plt,ai,bmp,dxf,shx,ttf  |
| Auxiliary device        | Exhaust fan and exhaust pipe                        |
| Power supply            | AC 110V/220V ± 10%, 50HZ/60HZ                       |
| Working environment     | Temperature:1-45℃, Humidity:5-95%                   |
| Optional configuration  | Honeycomb table or auto feeding system              |

### Sample Display



## UV Laser Marking Machine



### Equipment Advantages

1. The heat-affected zone is extremely small, avoiding deformation, damage or charring of the material to be processed and the yield is high.
2. Applied on various materials to make up shortcomings of fiber laser or CO2 laser marking.
3. High photoelectric conversion rate, 355nm output wavelength, beautiful engraving effect, good touch feeling, high anti-counterfeiting effect.
4. Products are widely used in micro-machining, fine engraving of various metal and non-metal film materials.

### Technical Parameters

|                             |   |
|-----------------------------|---|
| Model                       | DX-03Z/08Z/10Z                            |
| Process area                | 100*100mm                                 |
| Laser power                 | 3W/8W/10W optional                        |
| Laser wavelength            | 355nm                                     |
| Laser type                  | 808nm semiconductor pumping source        |
| Lens                        | Laser lens imported from US               |
| Cooling type                | Professional industrial thermostat system |
| Marking speed               | 500 characters/sec                        |
| Laser energy control        | 0-100% software setting                   |
| Minimum font                | 0.1mm                                     |
| Minimum mark line-width     | 0.01mm                                    |
| Repeat positioning accuracy | ± 0.001mm                                 |
| Whole power                 | 1.5KW                                     |
| Power supply                | AC 110V/220V ± 10%, 50HZ/60HZ             |
| Working environment         | Temperature: 1-45°C, Humidity: 5-95%      |
| Dimensions                  | 900*1000*1600mm                           |

### Sample Display



### Applicable Fields

Suitable for high-end market for ultra-fine processing such as mobile phones, chargers, data cables and pharmaceutical packages, cosmetics packages and polymer materials surface making. Also it can be used for marking of flexible PCB boards, dicing; micro-holes and blind holes for silicon wafers, LCDQA code marking, glassware punching, metal surface marking, plastic buttons, electronic components, gifts, communication equipment, building materials marking, etc.

## Large Format Laser Marking Machine



### Applicable Fields

It is applied to large format, large-size whole format marking, ruler scale, elevator, sanitary ware, billboard, etc.

### Equipment Advantages

1. Good marking effect. The high-quality laser source guarantees high-quality beam quality, and the marking effect is very delicate.
2. Deep marking. It can meet the needs of deep marking, the deepest can reach 0.5mm (depending on the material) which can meet most of the needs.
3. High marking accuracy: splicing marking accuracy can reach  $\pm 0.005\text{mm}$
4. Long service life. The fiber laser source can reach 100,000 hours, and the machine can be used for 3 to 5 years.
5. No consumables, no pollution, energy saving and environmental protection, compliance with European environmental protection standards.
6. No need to adjust the light path. The optical path system has been debugged before leaving the factory and it is a closed optical path structure without subsequent adjustments.
7. Low cost and low power consumption.

### Technical Parameters

|                          |  |
|--------------------------|--|
| Model                    | DS-1325                                    |
| Average output power     | 100W (Optional)                            |
| Marking line speed       | $\leq 7000\text{mm/s}$                     |
| Marking size             | 1300*2500mm (Can be customized on demands) |
| Minimum character height | 0.2mm                                      |
| Marking repeatability    | $< 24 \mu\text{rad}$                       |
| Marking depth            | 0.3mm (Depends on the material)            |
| Minimum line width       | 0.06mm (Depends on the material)           |
| Power supply             | AC 220V 50KHz                              |
| Motor                    | Stepper motor/servo motor (optional)       |
| Positioning accuracy     | 0.05mm                                     |
| Repeatability            | $\pm 0.01 \text{ mm}$                      |
| Displacement speed       | 100~300mm/s                                |

### Sample Display



## Fiber Laser Marking Machine



### Applicable Fields

Popular in electronic components, hardware products, tool accessories, integrated circuits (IC), electrical appliances, mobile phone accessories, precision instruments, glasses and watches, jewelry, car parts, plastic buttons, PVC pipes, medical equipment and other industries for materials like common metals and alloys (iron, copper, aluminum, magnesium, zinc, etc), rare metals and alloys (gold, silver, titanium), metal oxides, special surface treatment (phosphating, aluminum anodizing, Electroplating surfaces, ABS materials, etc).

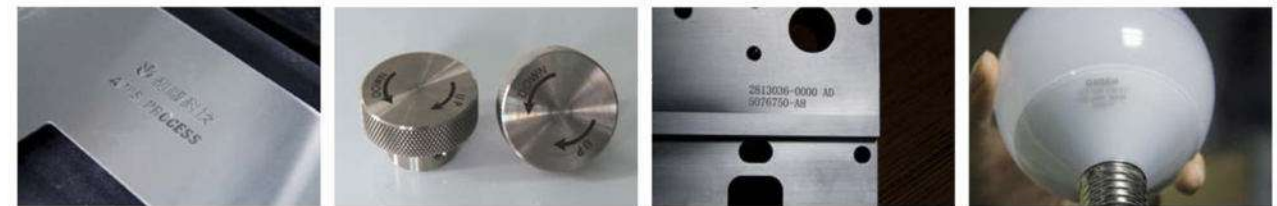
### Equipment Advantages

1. It has a wide range of applications and can be used to engrave metallic materials and some non-metallic materials.
2. Marks do not fade due to environmental relationships (touch, acid and alkaline gases, high temperatures, low temperatures, etc.) and have high anti-counterfeiting properties.
3. Line widths can be as small as 10µm and depths up to 10µm, marking the surface of parts of the 'mm' size.
4. The marking effect is exquisite, the process is beautiful and the precision is high, which can improve the product grade and enhance the added value of the product.
5. No consumables, no pollution, energy saving and environmental protection in line with European environmental standards; easy to learn, no need for too much labor costs; high efficiency, long life and maintenance-free performance.

### Technical Parameters

| Model                       | DX-30G/50G/100G          |
|-----------------------------|--------------------------|
| Laser power                 | 30W/50W/100W             |
| Laser wavelength            | 1064nm                   |
| Repeat frequency            | 20~80KHz                 |
| Engraver speed              | ≤ 7000mm/s               |
| Minimum font                | +/- 0.15mm               |
| Repeat positioning accuracy | ± 0.002mm                |
| Control system              | Internal air cooling     |
| Power supply                | AC 110V/220V ± 10%, 50HZ |
| Whole power                 | 500W                     |

### Sample Display



## Laser Cleaning Machine

Laser cleaning equipment is a new generation of high-tech products which can clean the surface of metal material.

Easy to install and operate.

Connect to the power, turn on the equipment, then can clean work pieces without chemical reagents, media, dust and water. The machine can focus automatically, and have the advantages of curved surface cleaning and high cleanliness. It can remove dirt, rust, on the surface of work pieces.

Advantages:

The machine can use same laser source with laser welding machine, change the laser cleaning gun easily and controller to reach cost performance and work performance result, user can buy the machine easily within budget



Laser cleaning machine is mainly used in aviation, ship, cultural relic protection, automobile peripheral, track, weapons, electronics industry, Precision hardware and other fields. Such as: metal surface rust removal; surface oil pollution, stain, dirt cleaning; surface coating, coating removal; welding surface / spray surface pretreatment;

### Technical Parameters

|                                |   |
|--------------------------------|---|
| Model                          | DLW- 1000C / 1500C / 2000C                                  |
| Output optical power           | 1000W/1500W/2000W   |
| Large pulse energy             | 100J  |
| High peak power                | 9.9kw   |
| Pulse width                    | 0-15ms  |
| Repetition frequency           | 50-50,000HZ   |
| Spectroscopic methods          | Precision energy splitting or high speed time splitting     |
| Closed loop feedback control   | Arbitrary waveform rea-time control power negative feedback |
| Energy fluctuation             | < ±3%   |
| Aiming mode                    | Laser diode red light indication                            |
| Numbers of optical fiber paths | standard one light paths                                    |
| Cooling way                    | Built-in water chiller                                      |
| Power consumption of equipment | ≤5kw  |
| Power requirements             | AC 220V+15%,50HZ/60HZ                                       |
| Size of host                   | 1360*660*1060mm   |

### Comparison Cleaning



Before

After

## Laser Welding Machine



### Applicable Fields:-

It is widely used for welding all kinds of stainless steel mirror words, stainless steel brushed words, stainless steel spherical characters, stainless steel paint characters, stainless steel spray words, stainless steel solid words, stainless steel plating word, stainless steel gold foil words, precision stainless steel characters, titanium flat words, titanium spherical surface word, Seiko Titanium, Flat Copper, Spherical Copper, Copper, Copper Antique, Seiko Aluminum, Iron Paint (Stainless Steel, Iron, Low Carbon Steel), metal word welding. Lighting and mould industry, optoelectronic communication devices, medical treatment, electronics, copper, aluminum and small welding processing industries.

### Equipment Advantages:-

1. It is easy to operate, you can get on the job without special job permit, and you can weld beautiful products without skill of the master.
2. The welding speed is 2-10 times faster than the traditional welding. One machine can save at least 2 welders a year.
3. The weld seam is smooth, reducing the subsequent grinding process, saving time and cost.
4. Welding large metal advertising characters use hand-held welding heads to overcome the limitations of the work space.
5. The fixed welding head can rotate in all direction to overcome the inconvenience of the traditional welding head in one direction.
6. Suitable for all kinds of complex welds, spot welding of various devices.

### Technical Parameters

| Model                          | DW-1000/1500/2000  |
|--------------------------------|--|
| Laser wavelength               | 1064nm   |
| Output optical power           | 1000W/1500W/2000W  |
| Large pulse energy             | 100J   |
| High peak power                | 9.9kw  |
| Pulse width                    | 0-15ms   |
| Repetition frequency           | 0-150HZ  |
| Spectroscopic methods          | Precision energy splitting or high speed time splitting      |
| Closed loop feedback control   | Arbitrary waveform real-time control power negative feedback |
| Energy fluctuation             | <±3%   |
| Aiming mode                    | Laser diode red light indication (CCD option)                |
| Number of optical fiber paths  | (standard one light path)                                    |
| Cooling way                    | Built- in water chiller                                      |
| Power consumption of equipment | 4KW  |
| Power requirements             | AC220V±15% 50/60HZ   |
| Size of the host               | 1360x660x1060mm (length, width and height)                   |

### Sample Display





## CNC cutting Machine

CNC Table Type Plasma Cutting Machine



### Technical Specifications

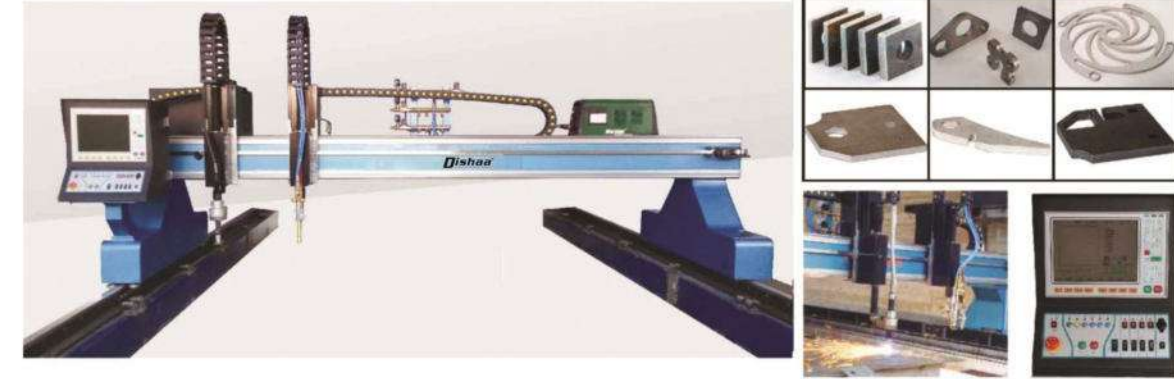
|                                |  |
|--------------------------------|--|
| Model                          | DMTC-1530  |
| Effective cutting area         | 1500*3000mm (4.9*9.8 ft)                                   |
| Cutting mode                   | Plasma oxy-fuel(Optional)                                  |
| Plasma cutting thickness       | Depends on plasma source                                   |
| Oxy-fuel cutting thickness     | 5mm—50mm (1/5—2 inch)                                      |
| Drive system                   | Dual drive, stepper motors/servo motors                    |
| CNC system                     | Fangling CNC controller                                    |
| Torch height control           | Arc voltage auto THC and anti-collision for plasma cutting |
| Running speed regulation range | 0—12000 mm/min   |
| Workable option                | Water workable   |

### Spare Parts



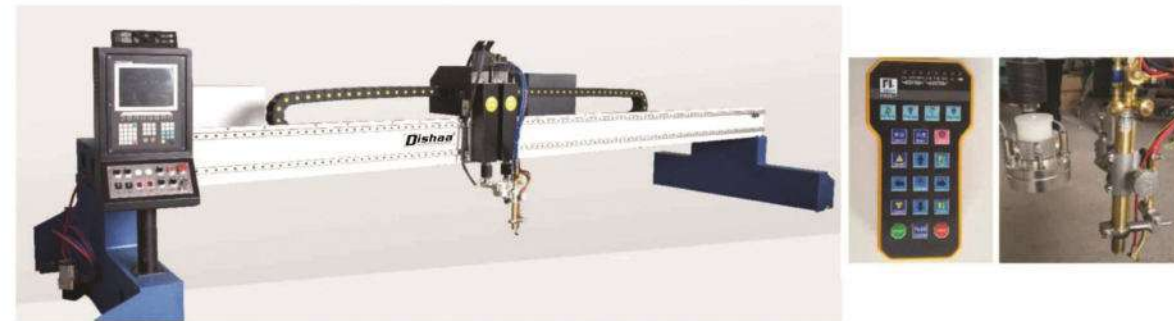
Plasma Power Sources

CNC Gantry Type Plasma Cutting Machine



### Technical Specifications

|                          |  |
|--------------------------|--|
| Model                    | DMSC-3000/4000   |
| Track span               | 3000mm/4000mm  |
| Effective cutting width  | 2300mm—3300 (7.5ft—10.8ft)                                 |
| Effective cutting length | Standard 4500mm, can be extended per 2000mm                |
| Cutting mode             | Plasma, oxy-fuel or plasma+oxy-fuel                        |
| Torch height control     | Arc voltage auto THC and anti-collision for plasma cutting |



### Technical Specifications

|                      |  |
|----------------------|--|
| Model                | DMGC-4000/5000/6000/8000   |
| Track span           | 4000/5000/6000/8000mm  |
| Working width        | 3300/4300/5300/7300mm (10.8ft/14.1ft/17.3ft/23.9ft)  |
| Working length       | Depends on customer's requirement  |
| Cutting mode         | Plasma, oxy-fuel or plasma+oxy-fuel  |
| Cutting thickness    | 2--200mm (1/10—7inches)  |
| Drive system         | Dual drive, servo motors   |
| CNC system           | Hyperthem/ Fangling CNC  |
| Torch height control | Arc voltage auto THC and anti-collision for plasma cutting   |
| Cutting speed        | 0-10000mm/min  |
| Optional functions   | Capacitance auto THC for oxy-fuel cutting, auto ignition for oxy-fuel cutting, underwater plasma cutting, power marking, bevel cutting, laser position, chair, different color |

## CNC 4-Roller Plate Rolling Machine



### Advantages

1. Hydraulic-driven, high efficiency (driving power equivalent 60% traditional);
2. Permanent lubrication technology (bearing life period without refueling);
3. Clamping pressure is adjustable (non-existent skidding, productivity is 50-80% than three roller plate rolling clamping);
4. Rolling diameter can catch 1.1 times of the top roller;
5. It can meet many kinds of demands

### Following users apply to use the machine:

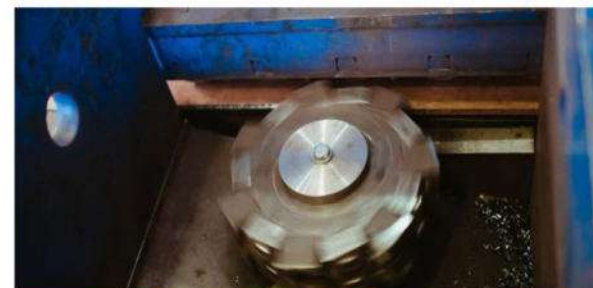
1. Operators to lack of experience and require high efficiency;
2. Require high accuracy to improve products quality;
3. Only need one operator to reduce labor costs;
4. Require conveying device, feeding device and support device because of large size plate or high productivity or security;
5. Require CNC operation to reduce errors caused by human factors.



### Technical Parameters

| Specifications & models | Max. Pre-rolling thickness (mm) | Max. Rolling thickness (mm) | Diameter of upper roller (mm) | Plate width (mm) | Main motor power (kw) |
|-------------------------|---------------------------------|-----------------------------|-------------------------------|------------------|-----------------------|
| DW12-3X1500             | 2                               | 3                           | 135                           | 1500             | 2.2                   |
| DW12-5X1500             | 3                               | 5                           | 190                           | 1500             | 4                     |
| DW12-10X2000            | 8                               | 10                          | 240                           | 2000             | 11                    |
| DW12-10X2500            | 8                               | 10                          | 260                           | 2500             | 15                    |
| DW12-12X2000            | 10                              | 12                          | 260                           | 2000             | 15                    |
| DW12-15X2000            | 12                              | 15                          | 265                           | 2000             | 18.5                  |
| DW12-15X2500            | 12                              | 15                          | 280                           | 2500             | 22                    |
| DW12-20X2000            | 16                              | 20                          | 300                           | 2000             | 30                    |
| DW12-20X2500            | 16                              | 20                          | 340                           | 2500             | 30                    |
| DW12-25X2500            | 20                              | 25                          | 390                           | 2500             | 30+7.5                |
| DW12-25X3000            | 20                              | 25                          | 420                           | 3000             | 37+7.5                |
| DW12-30X2500            | 25                              | 30                          | 420                           | 2500             | 37+7.5                |
| DW12-30X3000            | 25                              | 30                          | 460                           | 3000             | 45                    |
| DW12-35X2500            | 30                              | 35                          | 460                           | 2500             | 45                    |
| DW12-35X3000            | 30                              | 35                          | 510                           | 3000             | 55                    |
| DW12-35X3500            | 30                              | 35                          | 550                           | 3500             | 55                    |
| DW12-40X2500            | 35                              | 40                          | 510                           | 2500             | 55                    |
| DW12-40X3000            | 35                              | 40                          | 550                           | 3000             | 55                    |
| DW12-40X3500            | 35                              | 40                          | 560                           | 3500             | 55+7.5                |
| DW12-50X2500            | 45                              | 50                          | 560                           | 2500             | 55+7.5                |
| DW12-50X3000            | 45                              | 50                          | 605                           | 3000             | 55                    |
| DW12-50X3500            | 45                              | 50                          | 640                           | 3500             | 75                    |
| DW12-60X3000            | 50                              | 60                          | 670                           | 3000             | 75                    |
| DW12-60X3500            | 50                              | 60                          | 700                           | 3500             | 75                    |
| DW12-70X3000            | 65                              | 70                          | 720                           | 3000             | 90                    |
| DW12-70X3500            | 65                              | 70                          | 760                           | 3500             | 90                    |
| DW12-80X3000            | 70                              | 80                          | 780                           | 3000             | 90                    |
| DW12-80X3500            | 70                              | 80                          | 840                           | 3500             | 55X2                  |
| DW12-80X4000            | 70                              | 80                          | 870                           | 4000             | 55X2                  |
| DW12-90X3000            | 80                              | 90                          | 810                           | 3000             | 75X2                  |
| DW12-90X3500            | 80                              | 90                          | 890                           | 3500             | 75X2                  |
| DW12-90X4000            | 80                              | 90                          | 925                           | 4000             | 75X2                  |
| DW12-100X3000           | 85                              | 100                         | 850                           | 3000             | 45X4                  |
| DW12-100X3500           | 85                              | 100                         | 925                           | 3500             | 45X4                  |
| DW12-100X4000           | 85                              | 100                         | 960                           | 4000             | 45X4                  |
| DW12-120X3000           | 100                             | 120                         | 940                           | 3000             | 55X4                  |
| DW12-120X3500           | 100                             | 120                         | 980                           | 3500             | 55X4                  |
| DW12-120X4000           | 100                             | 120                         | 1020                          | 4000             | 55X4                  |
| DW12-140X3000           | 115                             | 140                         | 1000                          | 3000             | 75X4                  |
| DW12-160X3500           | 130                             | 160                         | 1220                          | 3500             | 90X4                  |
| DW12-180X3000           | 150                             | 180                         | 1280                          | 3500             | 55X8                  |
| DW12-200X4000           | 160                             | 200                         | 1500                          | 4000             | 75X8                  |

## Oil and Gas Transmission Pipe Rolling Machine



### Technical Parameters

| Model          | Bending thickness (mm) | Max. Plate width (mm) | Diameter of upper roller (mm) | Main motor power (kw) |
|----------------|------------------------|-----------------------|-------------------------------|-----------------------|
| DW11G-16X12000 | 3~16                   | 12000                 | 480                           | 90                    |
| DW11G-20X12000 | 3~20                   | 12000                 | 510                           | 110                   |
| DW11G-30X12000 | 4~30                   | 12000                 | 600                           | 150                   |
| DW11G-40X12000 | 5~40                   | 12000                 | 800                           | 220                   |

### Features

The plate rolling machine for small diameter of thick plate is our patent machine developed by learning some experience from foreign country. We introduce foreign technology and combine with domestic machine features to develop our own patent plate rolling machine for rolling smaller diameter. The working performance of the kind machine is better than the similar machine in domestic, and it is of high efficiency, low energy, easy operation.

### Unique Advantages

1. The smallest diameter can be achieved is 12.5 times of plate thickness for cold rolling;
2. We use the pressing down beam to remove the deflection of top roller when rolling small diameter;
3. The straightness of rolled round cylinder can be controlled within 1/2000;
4. The distance between two lower can be adjusted, the pre-bending and bending can be both achieved;
5. The misalignment is prevented effectively by auto aligning device;
6. The rolling process is automatic due to computer control.

### It includes below technology:

1. Upper roll use the anti-deformation method to eliminate the deflection in manufacturing process;
2. We use a few groups oil cylinders to add pressure on the both sides of top roller, and the piston of oil cylinder is fixed, up-down movement to drive top roller seat over up-down, which use the space effectively, increase the material utilization and reduce the weight of whole machine;
3. When discharging the products, it is from the inside of the rack without to turnover and rest, enhanced security;
4. All of the discharging of the product all use the automatic cylinder (another patent technology of our company), suitable for line production.

## Upper Roller Universal Plate Rolling Machine



Technical Parameters

| Model          | Pressure on the upper roller(Tons) | Max Pre-bending thickness(mm) | Max bending thickness(mm) | Diameter of the upper roller(mm) | Max plate width(mm) | Main motor power(kw) |
|----------------|------------------------------------|-------------------------------|---------------------------|----------------------------------|---------------------|----------------------|
| DW11S-8X1500   | 55                                 | 6                             | 8                         | 175                              | 1500                | 3                    |
| DW11S-10X2000  | 60                                 | 8                             | 10                        | 235                              | 2000                | 4                    |
| DW11S-10X2500  | 60                                 | 8                             | 10                        | 255                              | 2500                | 5.5                  |
| DW11S-12X1500  | 60                                 | 10                            | 12                        | 245                              | 1500                | 4                    |
| DW11S-12X2000  | 75                                 | 10                            | 12                        | 250                              | 2000                | 5.5                  |
| DW11S-12X2500  | 75                                 | 10                            | 12                        | 270                              | 2500                | 7.5                  |
| DW11S-13X3000  | 75                                 | 11                            | 13                        | 290                              | 3000                | 7.5                  |
| DW11S-14X2500  | 75                                 | 11                            | 14                        | 270                              | 2500                | 7.5                  |
| DW11S-15X2000  | 75                                 | 12                            | 15                        | 255                              | 2000                | 7.5                  |
| DW11S-15X3000  | 100                                | 12                            | 15                        | 325                              | 3000                | 7.5                  |
| DW11S-16X2000  | 100                                | 12                            | 16                        | 255                              | 2000                | 7.5                  |
| DW11S-16X2500  | 100                                | 12                            | 16                        | 300                              | 2500                | 11                   |
| DW11S-20X2000  | 130                                | 16                            | 20                        | 260                              | 2000                | 11                   |
| DW11S-20X2500  | 130                                | 16                            | 20                        | 330                              | 2500                | 15                   |
| DW11S-25X2500  | 200                                | 20                            | 25                        | 380                              | 2500                | 18.5                 |
| DW11S-25X3000  | 200                                | 20                            | 25                        | 430                              | 3000                | 22                   |
| DW11S-30X2500  | 230                                | 25                            | 30                        | 410                              | 2500                | 22                   |
| DW11S-30X3000  | 270                                | 25                            | 30                        | 450                              | 3000                | 30                   |
| DW11S-35X2500  | 270                                | 30                            | 35                        | 460                              | 2500                | 30                   |
| DW11S-35X3000  | 300                                | 30                            | 35                        | 500                              | 3000                | 37                   |
| DW11S-40X2500  | 380                                | 35                            | 40                        | 500                              | 2500                | 37                   |
| DW11S-40X3000  | 380                                | 35                            | 40                        | 540                              | 3000                | 45                   |
| DW11S-50X3000  | 610                                | 40                            | 50                        | 580                              | 3000                | 55                   |
| DW11S-50X3500  | 610                                | 40                            | 50                        | 620                              | 3500                | 55                   |
| DW11S-60X3000  | 690                                | 50                            | 60                        | 650                              | 3000                | 55                   |
| DW11S-60X3500  | 690                                | 50                            | 60                        | 680                              | 3500                | 75                   |
| DW11S-60X4000  | 690                                | 50                            | 60                        | 780                              | 4000                | 75                   |
| DW11S-70X3000  | 850                                | 60                            | 70                        | 710                              | 3000                | 75                   |
| DW11S-70X3500  | 850                                | 60                            | 70                        | 740                              | 3500                | 75                   |
| DW11S-80X3000  | 930                                | 70                            | 80                        | 760                              | 3000                | 75                   |
| DW11S-80X3500  | 930                                | 70                            | 80                        | 820                              | 3500                | 75                   |
| DW11S-80X4000  | 930                                | 70                            | 80                        | 860                              | 4000                | 90                   |
| DW11S-100X3000 | 1150                               | 90                            | 100                       | 820                              | 3000                | 90                   |
| DW11S-100X3500 | 1150                               | 90                            | 100                       | 860                              | 3500                | 90                   |
| DW11S-100X4000 | 1350                               | 90                            | 100                       | 900                              | 4000                | 90                   |
| DW11S-120X3000 | 1350                               | 100                           | 120                       | 860                              | 3000                | 110                  |
| DW11S-120X4000 | 1600                               | 100                           | 120                       | 990                              | 4000                | 110                  |
| DW11S-125X3000 | 1600                               | 105                           | 125                       | 880                              | 3000                | 110                  |
| DW11S-160X4000 | 1800                               | 130                           | 160                       | 1260                             | 4000                | 2X90                 |
| DW11S-200X4000 | 2000                               | 170                           | 200                       | 1480                             | 4000                | 2X132                |

## Hydraulic Symmetric 3-Roller Plate Rolling Machine



Technical Parameters

| Model           | Max. Bending Thickness (mm) | Max. Plate Width (mm) | Yielding limit of sheet metal (Mpa) | Rolling speed (m/min) | Min. Bending Diameter (mm) | Diameter of upper roller | Diameter of lower roller | Main motor power (kw) |
|-----------------|-----------------------------|-----------------------|-------------------------------------|-----------------------|----------------------------|--------------------------|--------------------------|-----------------------|
| DW11NC-20X3000  | 25                          | 3000                  | 245                                 | 4                     | 1200                       | 430                      | 370                      | 30                    |
| DW11NC-25X2500  | 25                          | 2500                  | 245                                 | 4                     | 1200                       | 370                      | 300                      | 22                    |
| DW11NC-30X2000  | 30                          | 2000                  | 245                                 | 4                     | 1200                       | 360                      | 290                      | 22                    |
| DW11NC-30X3000  | 30                          | 3000                  | 245                                 | 4                     | 1200                       | 450                      | 390                      | 30                    |
| DW11NC-40X3000  | 40                          | 3000                  | 245                                 | 3.5                   | 1600                       | 540                      | 440                      | 45                    |
| DW11NC-50X3000  | 50                          | 3000                  | 245                                 | 3.5                   | 2000                       | 580                      | 480                      | 55                    |
| DW11NC-60X3000  | 60                          | 3000                  | 245                                 | 3.5                   | 2400                       | 660                      | 560                      | 75                    |
| DW11NC-70X3000  | 70                          | 3000                  | 245                                 | 3.5                   | 2800                       | 710                      | 620                      | 90                    |
| DW11NC-80X3000  | 80                          | 3000                  | 245                                 | 3.5                   | 3200                       | 770                      | 680                      | 90                    |
| DW11NC-90X3000  | 90                          | 3000                  | 245                                 | 3.5                   | 3600                       | 820                      | 730                      | 110                   |
| DW11NC-100X3000 | 100                         | 3000                  | 245                                 | 3.5                   | 4000                       | 860                      | 770                      | 110                   |
| DW11NC-110X3000 | 110                         | 3000                  | 245                                 | 3.5                   | 4400                       | 900                      | 810                      | 132                   |
| DW11NC-120X3000 | 120                         | 3000                  | 245                                 | 3.5                   | 4800                       | 950                      | 860                      | 132                   |

### 3-Roller Plate Rolling Machine for Shipbuilding



#### Technical Parameters

| Model         | Max bending thickness (mm) | Plate width(mm) | Yielding Limit Mpa | Diameter of upper roller(mm) | Main motor power (kw) |
|---------------|----------------------------|-----------------|--------------------|------------------------------|-----------------------|
| DW11V-5X7000  | 5                          | 7000            | 245                | 440                          | 11                    |
| DW11V-6X9500  | 6                          | 9500            | 245                | 500                          | 15                    |
| DW11V-8X6000  | 8                          | 6000            | 245                | 420                          | 15                    |
| DW11V-8X7000  | 8                          | 7000            | 245                | 450                          | 15                    |
| DW11V-8X8000  | 8                          | 8000            | 245                | 470                          | 15                    |
| DW11V-8X9500  | 8                          | 9500            | 245                | 510                          | 15                    |
| DW11V-10X6000 | 10                         | 6000            | 245                | 440                          | 15                    |
| DW11V-10X9000 | 10                         | 9000            | 245                | 470                          | 15                    |
| DW11V-12X6000 | 12                         | 6000            | 245                | 460                          | 15                    |
| DW11V-12X9000 | 12                         | 9000            | 245                | 530                          | 22                    |
| DW11V-16X6000 | 16                         | 6000            | 245                | 500                          | 22                    |
| DW11V-20X6000 | 20                         | 6000            | 235                | 550                          | 30                    |

#### Technical Parameters

| Model type    | Max. thickness (mm) | Yield limit (Mpa) | Max. width (mm) | Max. thickness (mm) | Diameter of upper roller(mm) | Rolling speed (m/min) | Main motor power(Kw) | Outline size (mm) | Weight (kg) |
|---------------|---------------------|-------------------|-----------------|---------------------|------------------------------|-----------------------|----------------------|-------------------|-------------|
| DW11H-4X2500  | 2                   | 245               | 2500            | 2                   | 160                          | 5.2                   | 5.5                  | 3.17X1.17X1.32    | 4600        |
| DW11H-6X2000  | 4                   | 245               | 2000            | 6                   | 160                          | 5.2                   | 5.5                  | 3.21X1.17X1.31    | 4000        |
| DW11H-6X2500  | 4                   | 245               | 2500            | 6                   | 190                          | 5                     | 5.5                  | 3.71X1.17X1.31    | 5800        |
| DW11H-8X2000  | 5                   | 245               | 2000            | 8                   | 190                          | 5                     | 5.5                  | 3.21X1.17X1.31    | 4200        |
| DW11H-8X2500  | 5                   | 245               | 2500            | 8                   | 230                          | 5                     | 5.5                  | 4.65X1.32X1.45    | 6200        |
| DW11H-8X3200  | 6                   | 245               | 3200            | 8                   | 270                          | 5                     | 7.5                  | 5.12X1.62X1.62    | 7300        |
| DW11H-12X2000 | 8                   | 245               | 2000            | 12                  | 230                          | 5                     | 5.5                  | 4.15X1.32X1.49    | 6000        |
| DW11H-12X2500 | 8                   | 245               | 2500            | 12                  | 270                          | 4.5                   | 7.5                  | 4.42X1.62X1.64    | 7000        |
| DW11H-12X3200 | 8                   | 245               | 3200            | 12                  | 300                          | 5                     | 18.5                 | 5.58X1.36X1.49    | 9200        |
| DW11H-16X2000 | 12                  | 245               | 2000            | 16                  | 270                          | 5                     | 7.5                  | 3.29X1.62X1.62    | 6800        |
| DW11H-16X2500 | 12                  | 245               | 2500            | 16                  | 300                          | 5                     | 18.5                 | 4.88X1.36X1.49    | 8400        |
| DW11H-16X3200 | 12                  | 245               | 3200            | 16                  | 330                          | 5                     | 18.5                 | 5.33X1.96X1.75    | 13500       |
| DW11H-16X4000 | 12                  | 245               | 4000            | 16                  | 380                          | 5                     | 18.5                 | 6.13X1.96X1.75    | 18000       |
| DW11H-20X2000 | 14                  | 245               | 2000            | 20                  | 300                          | 5                     | 18.5                 | 4.38X1.36X1.49    | 8000        |
| DW11H-20X2500 | 14                  | 245               | 2500            | 20                  | 330                          | 4                     | 18.5                 | 4.63X1.96X1.75    | 12000       |
| DW11H-20X3200 | 14                  | 245               | 3200            | 20                  | 330                          | 4                     | 18.5                 | 5.33X1.96X1.75    | 15000       |
| DW11H-25X2000 | 20                  | 245               | 2000            | 25                  | 330                          | 4                     | 18.5                 | 4.63X1.96X1.75    | 13000       |
| DW11H-25X3200 | 20                  | 245               | 3200            | 25                  | 420                          | 4                     | 22                   | 5.3X2.42X2.51     | 22000       |
| DW11H-32X2000 | 25                  | 245               | 2000            | 32                  | 360                          | 4                     | 22                   | 4.5X2.42X2.51     | 16000       |
| DW11H-35X2500 | 25                  | 245               | 2500            | 35                  | 460                          | 4                     | 30                   | 5.7X2.85X2.97     | 22000       |

### 3-Roller Plate Rolling Machine for Vehicle



#### Technical Parameters

| Model          | Max bending thickness(mm) | Max plate width(mm) | Yielding Limit(Mpa) | Main motor power(kw) |
|----------------|---------------------------|---------------------|---------------------|----------------------|
| DW11C-20X8000  | 20                        | 8000                | 245                 | 45                   |
| DW11C-25X12000 | 25                        | 12000               | 245                 | 55                   |
| DW11C-30X12000 | 30                        | 12000               | 245                 | 75                   |
| DW11C-30X16000 | 30                        | 16000               | 245                 | 110                  |

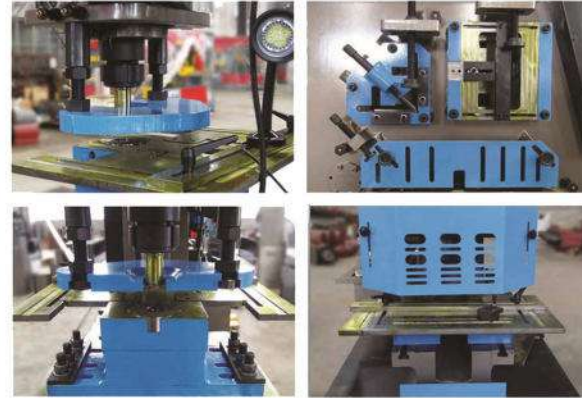
#### The Other 3-Roller Plate Rolling Machine



#### Technical Parameters

| Specification    | Max. thickness of coiled plate (mm) | Max. width of coiled plate (mm) | Max. thickness prefix (mm) | Yield limit (Mpa) | Diameter of upper roller (mm) | Main motor power(KW) |
|------------------|-------------------------------------|---------------------------------|----------------------------|-------------------|-------------------------------|----------------------|
| DW11XNC-35X3000  | 35                                  | 3000                            | 30                         | 245               | 520                           | 45                   |
| DW11XNC-40X2500  | 40                                  | 2500                            | 35                         | 245               | 510                           | 45                   |
| DW11XNC-40X3000  | 40                                  | 3000                            | 35                         | 245               | 550                           | 55                   |
| DW11XNC-40X4000  | 40                                  | 4000                            | 32                         | 245               | 630                           | 55                   |
| DW11XNC-55X3000  | 55                                  | 3000                            | 45                         | 245               | 630                           | 75                   |
| DW11XNC-65X4000  | 65                                  | 4000                            | 60                         | 245               | 840                           | 90                   |
| DW11XNC-75X3000  | 75                                  | 3000                            | 65                         | 245               | 750                           | 90                   |
| DW11XNC-90X3000  | 90                                  | 3000                            | 75                         | 245               | 820                           | 110                  |
| DW11XNC-100X3000 | 100                                 | 3000                            | 90                         | 245               | 880                           | 110                  |
| DW11XNC-120X3000 | 120                                 | 3000                            | 100                        | 245               | 920                           | 132                  |
| DW11XNC-160X4000 | 160                                 | 4000                            | 130                        | 245               | 1280                          | 220                  |

## Iron Worker

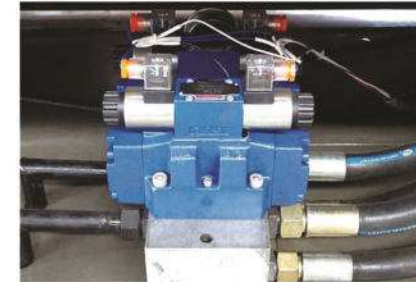


### FEATURES

Hydraulic transmission, is the latest product of the multi-function joint punching and shearing machine, shearing, punching, die cut flat steel, square steel, round steel, angle steel, channel steel, I-beam carried, and equipped with shear blockfeeding devices.



Sunny Pump



Rexroth Valve



Schneider Electrics



Siemens Motor

### TECHNICAL PARAMETERS

| MODEL                                       | DMIW-16       | DMIW-20       | DMIW-25       | DMIW-30        | DMIW-40        |
|---|---------------|---------------|---------------|----------------|----------------|
| Punching Pressure (T)                       | 60T           | 90T           | 120T          | 160T           | 200T           |
| Max. cutting thickness of sheet plates (mm) | 16            | 20            | 25            | 30             | 40             |
| Material strength (N/mm)                    | ≤450          | ≤450          | ≤450          | ≤450           | ≤450           |
| Angle of shear (°)                          | 7°            | 8°            | 8°            | 8°             | 8°             |
| Flat bar shearing (T×W)                     | 16×250 8×400  | 20×330 10×480 | 25×330 16×600 | 30×335 20×600  | 40×335 30×600  |
| Max. length of cylinder stroke (mm)         | 80            | 80            | 80            | 80             | 100            |
| Trips frequency (times/min)                 | 11-20         | 12-20         | 8-18          | 6-16           | 6-16           |
| Depth of throat (mm)                        | 300           | 355           | 400           | 600            | 530            |
| Punch depth (mm)                            | 16            | 20            | 25            | 28             | 35             |
| Max. punching diameter (mm)                 | 25            | 30            | 35            | 38             | 40             |
| Motor Power (KW)                            | 5.5           | 7.5           | 11            | 15             | 18.5           |
| Overall dimensions (L×W×H) (approx.)        | 1740×810×1830 | 1950×900×1950 | 2355×960×2090 | 2800×1050×2450 | 2900×1100×2500 |

(I- BEAM, CHANNEL STEEL NEEDS TO BE ORDERED SEPERATELY)

| PROFILE     | SECTION     | DMIW-16    | DMIW-20    | DMIW-25    | DMIW-30      | DMIW-40     |
|-------------|-------------|------------|------------|------------|--------------|-------------|
| Round Bar   |             | 45         | 50         | 60         | 65           | 70          |
| Square Bar  |             | 40×40      | 50×50      | 50×50      | 55×55        | 60×60       |
| Equal Angle | 90°Shearing | 120×120×12 | 140×140×12 | 160×160×14 | 180×180×16   | 200×200×18  |
|             | 45°Shearing | 50×50×5    | 70×70×10   | 60×60×6    | 80×80×8      | 80×80×10    |
| T-Bar       | 90°Shearing | 125×125×12 | 140×140×12 | 160×160×14 | 180×180×16   | 200×200×18  |
|             | 45°Shearing | 60×60×8    | 70×70×10   | 80×80×10   | 80×80×10     | 100×100×10  |
| I-beam      |             | 120×74×5   | 160×88×6   | 200×102×9  | 280×124×10.5 | 300×130×13  |
| Channel     |             | 120×53×5.5 | 160×63×6.5 | 200×75×9   | 280×86×11.5  | 300×89×11.5 |

IRON WORKER

IRON WORKER

## Hydraulic Press Machines

Manual H Frame Press



H Frame Hydraulic Press



H Frame Press with Moving Cylinder



HYDRAULIC PRESS

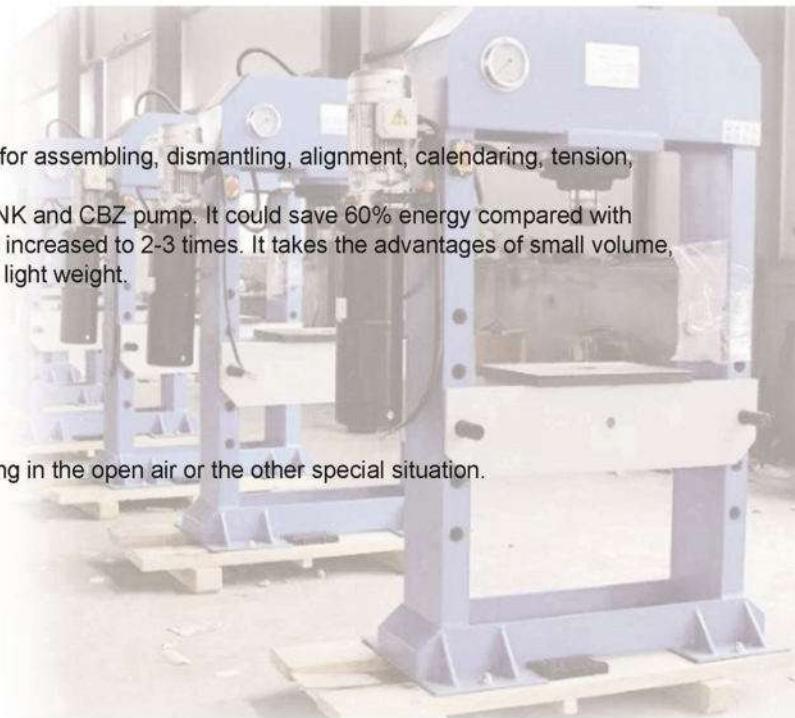
HYDRAULIC PRESS

**Features**

- HP series hydraulic press are used for assembling, dismantling, alignment, calendaring, tension, bending and punching.
- The machine supplied oil by Italy CNK and CBZ pump. It could save 60% energy compared with the traditional model. The efficiency increased to 2-3 times. It takes the advantages of small volume, high pressure, simple structure and light weight.

**Application**

- The machine is suitable for operating in the open air or the other special situation.



|                                    | MODEL    | CAPACITY KN | PRESSURE MPA | TRAVEL MM | TABLE SIZE MM                   | DIMENSION MM                  | WEIGHT KG |
|------------------------------------|----------|-------------|--------------|-----------|---------------------------------|-------------------------------|-----------|
| Manual H frame Press               | DHP-10S  | 100         | 50           | 160+370   | 197x455                         | 670x520x1210                  | 55        |
|                                    | DHP-20S  | 200         | 50           | 200+450   | 200x300                         | 500x350x1300                  | 260       |
|                                    | DHP-30S  | 300         | 50           | 200+450   | 300x400                         | 550x400x1500                  | 320       |
|                                    | DHP-50S  | 500         | 60           | 250+450   | 360x680                         | 1000x600x1750                 | 460       |
|                                    | DHP-63S  | 630         | 30           | 220+405   | 400x500                         | 1500x650x1950                 | 1020      |
|                                    | DHP-100S | 1000        | 45           | 260+450   | 400x600                         | 1600x720x2000                 | 720/820   |
| H Frame Hydraulic Press            | DHP-150S | 1500        | 40           | 260+450   | 800x400                         | 1730x720x2150                 | 1100      |
|                                    | DHP-20   | 200         | 25           | 200+270   | 200*300                         | 1160*550*1600                 | 400       |
|                                    | DHP-30   | 300         | 25           | 200+270   | 300x400                         | 1160x550x1600                 | 420       |
|                                    | DHP-50   | 500         | 25           | 220+405   | 360x480                         | 1500x650x1950                 | 980       |
|                                    | DHP-63   | 630         | 30           | 220+405   | 400x500                         | 1500x650x1950                 | 1020      |
|                                    | DHP-100  | 1000        | 31.5         | 250+405   | 700x460                         | 1730x730x2250                 | 1220      |
|                                    | DHP-150  | 1500        | 30           | 250+405   | 440x980                         | 1730x730x2250<br>630x730x960  | 1350      |
| H Frame Press with Moving Cylinder | DHP-200  | 2000        | 31.5         | 300+405   | 980x500                         | 1940x950x2350<br>900x800x1060 | 2200      |
|                                    | DHP-20M  | 200         | 25           | 220+405   | 400x500                         | 1300x650x1750                 | 980       |
|                                    | DHP-30M  | 300         | 25           | 220+405   | 400x500                         | 1500x650x1950                 | 980       |
|                                    | DHP-50M  | 500         | 25           | 220+405   | 400x500                         | 1500x650x1950                 | 980       |
|                                    | DHP-63M  | 630         | 25           | 220+405   | 400x500                         | 1500x650x1950                 | 1020      |
|                                    | DHP-100M | 1000        | 30           | 250+405   | 440x980                         | 1730x730x2250<br>730x630x960  | 1220      |
|                                    | DHP-150M | 1500        | 30           | 250+405   | 440x980                         | 1730x730x2250<br>730x630x960  | 1350      |
|                                    | DHP-200M | 2000        | 31.5         | 300+405   | 500x1000                        | 1940x950x2350<br>900x800x106  | 2200      |
| DHP-300M                           | 3000     | 31.5        | 300+405      | 700x1200  | 2100x950x2700<br>1100x1200x1350 | 4200                          |           |

## Pneumatic Press Machine

### JH21 Series Punch Press



#### Features

- Steel plate welded body, stiffness, more stable.
- Dry pneumatic friction clutch - brake, friction machine for semi - metallic materials.
- The imported safe double valve control, quick, safe and reliable
- Mold height realize electric adjustment, digital display control height.
- Slider use rectangle hexahedron extended guide, bronze lining board, high guidance accuracy.
- International famous brand special press control system,
- Automatic feeding device and all kinds of automation equipment

#### Application

- Suitable for blanking, punching, forming, bending, stretching and other cold stamping process to achieve.
- Widely used in electrical appliances, vehicles, tractors, mining machinery, hardware tools, machinery manufacturing and other industrial areas.

| Specification                             | Units   | JH21-25 | JH21-45 | JH21-63 | JH21-80  |
|---|---------|---------|---------|---------|----------|
| Nominal pressure                          | KN      | 250     | 450     | 630     | 800      |
| Nominal force stroke                      | mm      | 3       | 4       | 4       | 5        |
| Slider stroke                             | mm      | 80      | 100     | 120     | 140      |
| Number of slider stroke                   | s. p .m | 100     | 80      | 70      | 60       |
| Max. die set height                       | mm      | 250     | 270     | 300     | 320      |
| Die set height adjustment                 | mm      | 50      | 60      | 80      | 80       |
| Distance from slider center to frame      | mm      | 210     | 230     | 300     | 300      |
| Worktable dimension(L x W)                | mm      | 400x700 | 440x810 | 580x900 | 580x1000 |
| Workbench plate hole size                 | mm      | Φ150    | Φ160    | Φ180    | Φ180     |
| Thickness of the worktable panel          | mm      | 80      | 110     | 110     | 120      |
| Slider ground size (L x W)                | mm      | 250x360 | 340x410 | 400x480 | 420x560  |
| Size of the handle hole (diameter *depth) | mm      | Φ40 x60 | Φ40 x6  | Φ50 x80 | Φ50 x80  |

## Four Column Deep Drawing Hydraulic Press



#### Features

- The host of the series of products using three beam four column structure, hydraulic system 100 tons below the use of plate type integrated oil circuit, 100 tons or more of the cartridge valve oil circuit, electrical system using relay or PLC control circuit, centralized operation via an external button, can realize the adjustment and semi automatic operation mode. Whole machine has the advantages of simple structure, compact structure, reasonable economy, reliable operation, long service life, small hydraulic impact force, and reduced connection pipeline and leakage.
- Work pressure of the series products, pressing speed, travel range can be adjusted according to the requirements within the specified range, can achieve constant pressure and constant stroke of two kinds of Technology. When the constant pressure is formed, the pressure holding time delay and the automatic return stroke are pressed. A top out device is arranged in the middle of the working table, in addition to the top products, can be used as hydraulic cushion for the forming process of drawing parts.

| SPECIFICATIONS               | UNITS | DM60T   | DM100T  | DM160T    | DM200T    | DM500T    | DM630T    |
|------------------------------|-------|---------|---------|-----------|-----------|-----------|-----------|
| Nominal force                | KN    | 600     | 1000    | 1600      | 2000      | 2500x2    | 3150x2    |
| Ejector force                | KN    | 200     | 400     | 400       | 630       | 1000      | 1000      |
| Max. working force of liquid | MPA   | 25      | 25      | 25        | 25        | 25        | 25        |
| Slide stroke                 | mm    | 450     | 400     | 800       | 800       | 900       | 800       |
| Ejection stroke              | mm    | 200     | 200     | 300       | 300       | 300       | 300       |
| Table effective size         | mmxmm | 580x500 | 800x800 | 1600x1200 | 1000x1000 | 2500x1400 | 1260x1200 |
| Empty stroke descent speed   | mm/s  | 100     | 120     | 120       | 130       | 120       | 130       |
| Slow down speed              | mm/s  | 25      | 35      | 30        | 30        | 25        | 30        |
| Pressing speed               | mm/s  | 9       | 10      | 15        | 12        | 6-10      | 9         |
| Return speed                 | mm/s  | 80      | 80      | 90        | 80        | 70        | 80        |
| Motor power                  | KW    | 5.5     | 7.5     | 11        | 15        | 37        | 37        |



## Hydraulic Press



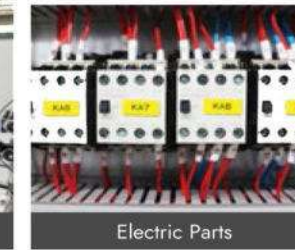
## STANDARD EQUIPMENT



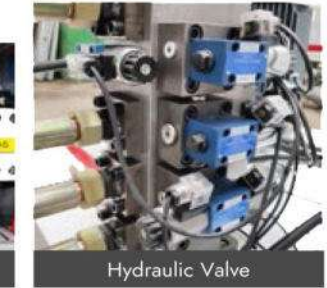
Cylinder



Main Motor



Electric Parts



Hydraulic Valve



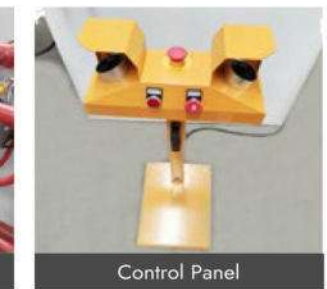
Ejection Cylinder



Hydraulic Oil Tank



Steel Oil Tube



Control Panel

## SPECIFICATION FOUR-COLUMN HYDRAULIC PRESS

| Model                  |          | D4HP-63T | D4HP-100T | D4HP-160T | D4HP-200T | D4HP-260T | D4HP-315T | D4HP-400T | D4HP-500T | D4HP-630T | D4HP-800T | D4HP-1000T | D4HP-1280T | D4HP-1600T | D4HP-2000T | D4HP-2500T | D4HP-3000T |      |
|------------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------|
| Nominal Force          | KN       | 630      | 1000      | 1600      | 2000      | 2500      | 3150      | 4000      | 5000      | 6300      | 8000      | 10000      | 12500      | 16000      | 20000      | 25000      | 30000      |      |
| Return Force           | KN       | 160      | 250       | 250       | 400       | 630       | 630       | 630       | 1000      | 1600      | 2000      | 2000       | 2000       | 2500       | 3150       | 4000       | 5000       |      |
| Daylight               | mm       | 800      | 800       | 1000      | 1120      | 1120      | 1250      | 1250      | 1500      | 1500      | 1500      | 1600       | 1500       | 1600       | 1800       | 2000       | 2000       |      |
| Slide Stroke           | mm       | 500      | 500       | 650       | 710       | 710       | 800       | 800       | 900       | 900       | 900       | 1000       | 1000       | 1000       | 1200       | 1200       | 1200       |      |
| Rejection Stroke       | mm       | 200      | 200       | 200       | 250       | 250       | 300       | 360       | 360       | 360       | 360       | 450        | 400        | 450        | 450        | 500        | 500        |      |
| Speed Of Slide         | Descent  | mm/s     | 40        | 70        | 40        | 80        | >150      | 120       | 100       | >100      | >100      | >100       | >150       | >150       | >150       | >150       | >150       | >150 |
|                        | Pressing | mm/s     | 7         | 15        | 8         | 5-12      | 6-15      | 5-12      | 4-10      | 4-10      | 5-12      | 5-12       | 4-10       | 4-10       | 4-10       | 4-10       | 5-12       |      |
| Table Size             | L-R      | mm       | 550       | 630       | 800       | 900       | 1000      | 1200      | 1200      | 1400      | 2000      | 2000       | 2000       | 2500       | 2500       | 3000       | 3500       | 4000 |
|                        | F-B      | mm       | 630       | 630       | 800       | 900       | 1000      | 1200      | 1200      | 1400      | 1600      | 1600       | 1800       | 2000       | 2000       | 2500       | 2500       | 2600 |
| Table High Above Floor | mm       | 700      | 700       | 550       | 550       | 650       | 700       | 600       | 500       | 500       | 300       | 300        | 200        | 200        | 200        | 200        | 200        |      |
| Overall Dimensions     | L-R      | mm       | 2370      | 2370      | 1150      | 3200      | 5400      | 3180      | 3785      | 4070      | 4380      | 4800       | 7010       | 5890       | 6500       | 6870       | 7630       | 8530 |
|                        | F-B      | mm       | 900       | 900       | 800       | 900       | 1500      | 1200      | 1200      | 1648      | 2150      | 2854       | 3000       | 3450       | 3900       | 2500/4500  | 5000       | 4000 |
| Motor Power            | KW       | 7.5      | 7.5       | 11        | 15        | 15        | 22        | 22        | 30        | 45        | 60        | 75         | 60         | 70         | 90         | 120        | 170        |      |

## OPTIONAL EQUIPMENT



Servo Pump Unit



Touch Screen



Light Curtain



Shuttle Table



Water Cooler



IOT Module

## Hydraulic Press



### Standard Equipment



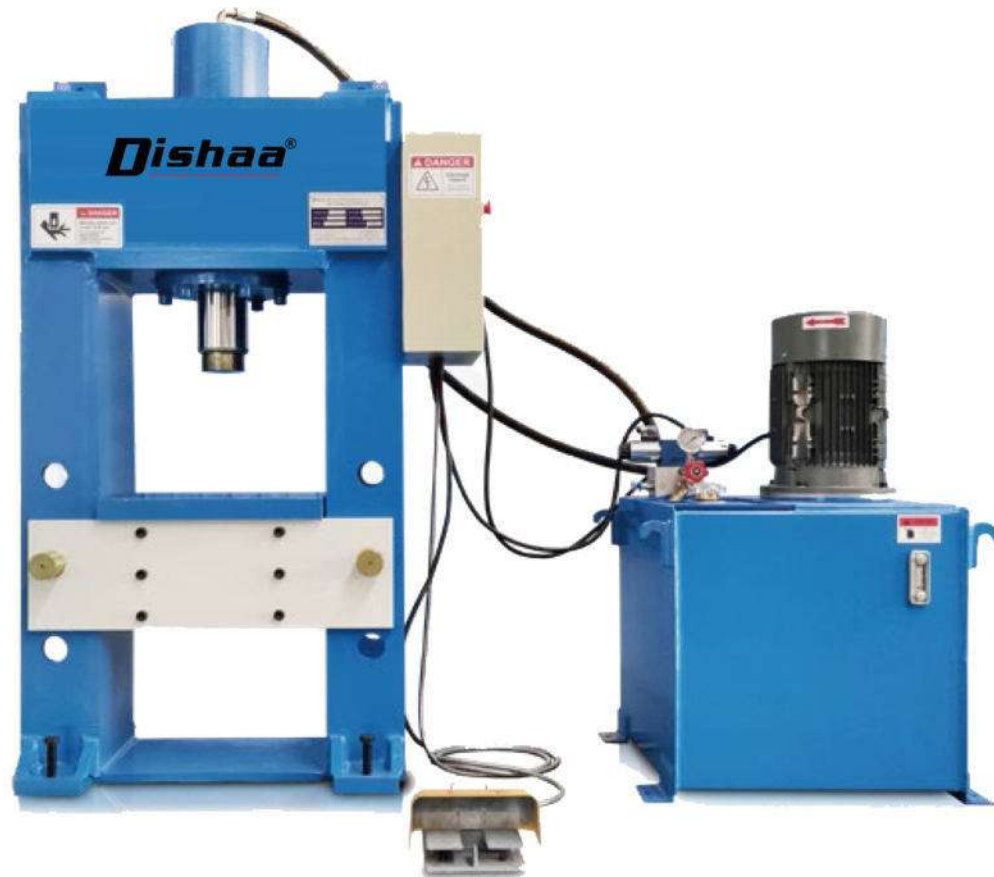
### Technical Parameters

| Model                  |             | DDHP-200 | DDHP-250 | DDHP-316 | DDHP-400 | DDHP-400A | DDHP-500 | DDHP-500A | DDHP-600B | DDHP-630 | DDHP-630A | DDHP-800 | DDHP-800A | DDHP-1000 | DDHP-1000A | DDHP-1250 | DDHP-1600 | DDHP-2000 | DDHP-2500 | DDHP-3000 |       |
|------------------------|-------------|----------|----------|----------|----------|-----------|----------|-----------|-----------|----------|-----------|----------|-----------|-----------|------------|-----------|-----------|-----------|-----------|-----------|-------|
| Nominal Force          | KN          | 2000     | 2500     | 3150     | 4000     | 4000      | 5000     | 5000      | 2500*2    | 6300     | 3150*2    | 8000     | 8000      | 10000     | 10000      | 12500     | 16000     | 20000     | 25000     | 30000     |       |
| Return Force           | KN          | 240      | 400      | 600      | 500      | 500       | 900      | 900       | 400       | 850      | 600*2     | 900      | 900       | 1250      | 1250       | 1250      | 2000      | 2000      | 2250      | 2250      |       |
| Working Pressure       | Mpa         | 25       | 25       | 25       | 25       | 25        | 25       | 25        | 25        | 25       | 25        | 25       | 25        | 25        | 25         | 25        | 25        | 25        | 25        | 25        |       |
| Cushion Pressure       | KN          | 400      | 400      | 630      | 1000     | 1000      | 1600     | 2000      | 1000      | 2500     | 1250*2    | 1000     | 1000      | 1600      | 1600       | 1600      | 2400      | 2400      | 3000      | 3000      |       |
| Cushion Return Force   | KN          | 250      | 320      | 360      | 360      | 360       | 780      | 780       | 320*2     | 720      | 360*2     | 3000     | 3000      | 5000      | 5000       | 5000      | 5000      | 2500      | 800       | 1000      |       |
| Daylight Of Slide      | mm          | 1120     | 1120     | 1250     | 1250     | 1250      | 1500     | 1500      | 1500      | 1500     | 1500      | 1800     | 1800      | 1800      | 2200       | 1800      | 2000      | 2100      | 2000      | 2500      |       |
| Stroke                 | Upper Slide | mm       | 710      | 710      | 800      | 800       | 800      | 900       | 900       | 900      | 900       | 1200     | 1200      | 1000      | 1500       | 1000      | 1200      | 1300      | 1100      | 1600      |       |
|                        | Cushion     | mm       | 250      | 250      | 300      | 300       | 300      | 350       | 350       | 350      | 350       | 400      | 400       | 365       | 500        | 400       | 400       | 350       | 400       | 400       |       |
| Table Size             | L-R         | mm       | 1000     | 1100     | 1260     | 1250      | 1750     | 1400      | 2200      | 2200     | 1600      | 2500     | 3200      | 3200      | 3200       | 4000      | 4000      | 4000      | 4500      | 4500      | 4500  |
|                        | F-B         | mm       | 940      | 1000     | 1160     | 1250      | 1400     | 1600      | 1600      | 1800     | 1800      | 2200     | 2200      | 2300      | 2300       | 2500      | 2500      | 2500      | 2500      | 2500      | 2500  |
| Cushion Size           | L-R         | mm       | 660      | 700      | 820      | 820       | 1270     | 970       | 1720      | 1720     | 1120      | 2020     | 2550      | 2550      | 2550       | 3500      | 3370      | 3820      | 3750      | 3820      | 2820  |
|                        | F-B         | mm       | 600      | 600      | 700      | 820       | 820      | 900       | 1120      | 1120     | 1270      | 1700     | 1700      | 1800      | 1800       | 1870      | 1870      | 1870      | 1800      | 1700      | 1600  |
| Speed Of Slide         | Descent     | mm/s     | 150      | 130      | 100      | 130       | 130      | 120       | 150       | 150      | 130       | 140      | 300       | 300       | 300        | 300       | 350       | 350       | 350       | 350       | 350   |
|                        | Pressing    | mm/s     | 5-12     | 7-15     | 5-12     | 4-10      | 4-10     | 7-15      | 7-15      | 7-15     | 5-12      | 5-12     | 8-22      | 8-22      | 12-30      | 12-30     | 12-30     | 12-30     | 12-30     | 12-30     | 12-30 |
|                        | Return      | mm/s     | 95       | 90       | 60       | 70        | 70       | 80        | 90        | 90       | 85        | 85       | 200       | 200       | 250        | 250       | 300       | 300       | 300       | 300       | 300   |
| Table High Above Floor | L-R         | mm       | 700      | 700      | 600      | 600       | 600      | 550       | 550       | 550      | 500       | 500      | 500       | 720       | 900        | 400       | 400       | 400       | 350       | 350       | 350   |
|                        | F-B         | mm       | 1350     | 1350     | 2100     | 2300      | 2300     | 2600      | 2600      | 2600     | 2600      | 2600     | 2900      | 5000      | 3000       | 5200      | 3200      | 3200      | 3300      | 3300      | 3300  |
| Motor Power            | KW          | 15       | 22       | 22       | 22       | 22        | 2*22     | 2*22      | 2*22      | 2*22     | 2*22      | 96       | 105       | 160       | 160        | 160       | 200       | 380       | 410       | 500       |       |

### Optional Equipment

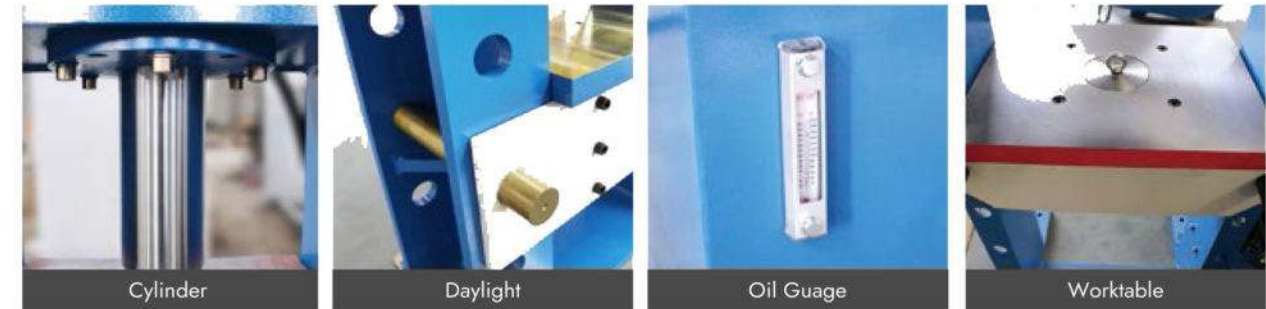


## Hydraulic Press



- Adopt Gantry frame type structure, welded by high quality steel plate.
- The forged steel is quenched and treated, with high hardness and long service life.
- Polished and chromed with high rigidity treatment.
- Adjustable opening height (daylight).
- Check the hydraulic oil volume and temperature.
- The main seal of the cylinder adopts high quality seal ring to ensure reliable sealing.
- There are T-slots on the working table and slider, which are convenient for mold installation.

### Standard Equipment



### Optional Equipment



### Technical Parameters

| Model                               |      | DL-20T | DL-20TK | DL-40T | DL-40TK | DL-60T | DL-60TK | DL-100T | DL-100TK |
|-------------------------------------|------|--------|---------|--------|---------|--------|---------|---------|----------|
| Nominal Force                       | KN   | 200    | 200     | 400    | 400     | 600    | 600     | 1000    | 1000     |
| Stroke                              | mm   | 200    | 200     | 200    | 200     | 200    | 200     | 350     | 350      |
| System Pressure                     | Mpa  | 25     | 25      | 30     | 30      | 30     | 30      | 25      | 25       |
| Working Table Size (Left And Right) | mm   | 360    | 400     | 400    | 400     | 400    | 400     | 440     | 440      |
| Working Table Size (Front And Back) | mm/s | 400    | 460     | 460    | 460     | 490    | 490     | 650     | 650      |
| Down Speed                          | mm/s | 15     | 40      | 6      | 45      | 6      | 45      | 6       | 16       |
| Return Speed                        | mm/s | 23     | 50      | 8      | 60      | 8      | 60      | 8       | 20       |
| Motor Power                         | KW   | 2.2    | 4       | 2.2    | 7.5     | 2.2    | 7.5     | 7.5     | 7.5      |

## Power Press Machine



### Features

- Steel plate welding machine, good rigidity, more stable accuracy.
- Crankshaft longitudinal, compact structure, beautiful appearance.
- Electric adjustment of the height of the mould, digital display control height.
- Rectangular block with a lengthened guide, bronze lining board, high guidance accuracy.
- Combined pneumatic friction clutch brake, joint stable, action sensitivity.
- Collapse type safety device, to ensure the safety of the whole machine.
- Slider is high, there is a lifting type balance cylinder, to achieve the balance of the slider bar.
- The slider can be moved with a small movement, emergency stop motion, more secure operation.
- The circuit uses double valve control, the action is nimble, accord with the safety standard of press.

### Application

- Suitable for blanking, punching, forming, bending, stretching and other cold stamping process to achieve.
- Widely used in electrical appliances, vehicles, tractors, mining machinery, hardware tools, machinery manufacturing and other industrial areas.

| Specification                              | Units | JB23-16       | JB23-63       | JB23-80        | JB23-100       |   |
|--|-------|---------------|---------------|----------------|----------------|---|
| Nominal pressure                           | KN    | 160           | 630           | 800            | 1000           |   |
| Nominal force stroke                       | mm    | 2             | 4             | 5              | 5              |   |
| Slider stroke                              | mm    | 50            | 80            | 100            | 100            |   |
| Number of slider stroke                    | /min  | 140           | 50            | 50             | 40             |   |
| Maximum die set height                     | mm    | 170           | 250           | 300            | 300            |   |
| Die set height adjustment                  | mm    | 30            | 50            | 60             | 80             |   |
| Distance from slider center to frame       | mm    | 160           | 250           | 260            | 310            |   |
| Worktable dimension                        | mm    | 320x460       | 420x650       | 470x750        | 570x860        |   |
| Thickness of the worktable panel           | mm    | 45            | 70            | 80             | 90             |   |
| Size of the handle hole (diameter x depth) | mm    | cp40x60       | cp50x70       | cp60x80        | cp60x80        |   |
| Vertical columns distance                  | mm    | 240           | 320           | 300            | 420            |   |
| Main motor                                 | Model | Y90L-4        | Y132S-4       | Y132S-4        | Y132M-4        |   |
|  | Power | KW            | 1.5           | 5.5            | 5.5            | 7 |
| Maximum tilting angle of body              | °     | 25            | 25            | 20             | 20             |   |
| Overall dimension (L x W x H)              | mm    | 1130X830X1890 | 1740X1100X256 | 1765X1265X2560 | 1940X1490X2850 |   |
| Weight                                     | Kg    | 1090          | 3800          | 5015           | 6120           |   |

## Arbor Press



### Performance Characteristics

- The Arbor presses have the advantages of small volume, simple structure.
- High quality cast-iron body, sturdy design.
- For press-fitting and pulling bearings, 4-position plate.
- Chrome-plate steel pinion and ram.

### Applications

The machine is suitable for operating in the open air or the other special situation.

| Specification    | Units | ½ TON    | 1 TON    | 2 TON    | 3 TON    | 5 TON    |
|------------------|-------|----------|----------|----------|----------|----------|
| Capacity         | Ton   | 0.5      | 1        | 2        | 3        | 5        |
| Max height & dia | MPA   | 90x80    | 110x100  | 180x123  | 285x163  | 400x226  |
| Largest Arbor    | mm    | 26       | 29       | 40       | 44       | 70       |
| Ram square       | mm    | 19x19    | 25x25    | 32x32    | 38x38    | 50x50    |
| Base size        | mm    | 240x170  | 268x190  | 432x260  | 455x300  | 645x176  |
| Press Ht         | mm    | 280      | 355      | 445      | 615      | 815      |
| Dimension        | cm    | 26x12x29 | 29x14x35 | 46x20x45 | 46x24x64 | 76x37x95 |
| N.W/G.W          | Kg    | 11/12    | 15/16    | 36/38    | 63/65    | 155/166  |

## Lathe Machine

### DSL250 / DSL280 DSL320B / DSL360 Lathe Machine



- Feature**
- Precision spindle bearing
  - All geared spindle box
  - Longitudinal and cross automatic feed
  - Quenched and precision grinding guide way

| SPECIFICATIONS           |                   | Units | DSL250        | DSL280        | DSL320B       | DSL360        |
|--------------------------|-------------------|-------|---------------|---------------|---------------|---------------|
| Swing over bed           | mm                |       | 250           | 280           | 320           | 360           |
| Swing over cross slide   | mm                |       | 150           | 165           | 200           | 240           |
| Distance between centers | mm                |       | 500(Opt.700)  | 500(Opt.750)  | 600(Opt.750)  | 750           |
| Spindle bore             | mm                |       | 26            | 38            | 38            | 38            |
| Spindle bore taper       | -                 |       | MT4           | MT5           | MT5           | MT5           |
| Spindle speed steps      | -                 |       | 12            | 8             | 12            | 12            |
| Spindle speed range      | rpm               |       | 80-1600       | 90-1800       | 80-1600       | 80-2000       |
| Cross slide travel       | mm                |       | 130           | 140           | 160           | 180           |
| Top tool post travel     | mm                |       | 75            | 75            | 100           | 100           |
| Longitudinal feeds range | mm/r              |       | 0.03-0.275    | 0.05-0.35     | 0.1-1.4       | 0.1-1.4       |
| Cross feeds range        | mm/r              |       | 0.015-0.137   | 0.025-0.18    | 0.045-0.6     | 0.045-0.60    |
| Kinds of metric threads  | kinds             |       | 15            | 18            | 22            | 22            |
| Range of metric threads  | mm                |       | 0.25-2.5      | 0.2-3.5       | 0.2-7         | 0.2-7         |
| Kinds of inch threads    | kinds             |       | 9             | 34            | 45            | 45            |
| Range of inch threads    | T.P.I.            |       | 12-96         | 4 1/2 -48     | 2 1/2 -48     | 2 1/2 -48     |
| Kinds of module threads  | kinds             |       | -             | 16            | 21            | 21            |
| Range of module threads  | MP                |       | -             | 0.20-1.75     | 0.2-3.5       | 0.20-3.5      |
| Kinds of pitch threads   | kinds             |       | -             | 24            | 31            | 31            |
| Range of pitch threads   | DP                |       | -             | 16-120        | 8-120         | 8-120         |
| Tailstock quill taper    | -                 |       | MT3           | MT3           | MT3           | MT3           |
| Tailstock quill travel   | mm                |       | 60            | 60            | 80            | 80            |
| Main motor power         | kw                |       | 0.75          | 0.75          | 0.75          | 1.1           |
| Machine weight           | Weight for 500    | kg    | 180           | 300           | -             | -             |
|                          | Weight for 600    | kg    | -             | -             | 450           | -             |
|                          | Weight for 700    | kg    | 200           | -             | -             | -             |
|                          | Weight for 750    | kg    | -             | 320           | 480           | 550           |
| Overall dimension        | Dimension for 500 | mm    | 1130*550*1170 | 1200*650*1200 | -             | -             |
|                          | Dimension for 600 | mm    | -             | -             | 1370*685*1360 | -             |
|                          | Dimension for 700 | mm    | 200           | -             | -             | -             |
|                          | Dimension for 750 | mm    | -             | 1450*650*1200 | 1520*685*1360 | 1370*705*1430 |

### D6132D / D6136 / D6140 Lathe Machine



| SPECIFICATIONS           |                    | Units | D6132D         | D6232D | D6136D         | D6236D | D6140D         | D6240D |
|--------------------------|--------------------|-------|----------------|--------|----------------|--------|----------------|--------|
| Swing over bed           | mm                 |       | 320            |        | 360            |        | 400            |        |
| Swing over cross slide   | mm                 |       | 180            |        | 200            |        | 240            |        |
| Swing over gap           | mm                 |       | -              | 500    | -              | 540    | -              | 580    |
| Distance between centers | mm                 |       | 750/1000       |        | 750/1000       |        | 750/1000       |        |
| Spindle bore             | mm                 |       | 52             |        | 52             |        | 52             |        |
| Spindle bore taper       | -                  |       | MT6            |        | MT6            |        | MT6            |        |
| Spindle speed steps      | steps              |       | 12             |        | 12             |        | 12             |        |
| Spindle speed range      | rpm                |       | 30-1600        |        | 30-1600        |        | 30-1600        |        |
| Cross slide travel       | mm                 |       | 240            |        | 240            |        | 240            |        |
| Top tool post travel     | mm                 |       | 140            |        | 140            |        | 140            |        |
| Tool size                | mm                 |       | 20 * 20        |        | 20 * 20        |        | 20 * 20        |        |
| Longitudinal feeds range | mm/r               |       | 0.039-1.05     |        | 0.039-1.05     |        | 0.039-1.05     |        |
| Cross feeds range        | mm/r               |       | 0.019-0.52     |        | 0.019-0.52     |        | 0.019-0.52     |        |
| Kinds of metric threads  | kinds              |       | 25             |        | 25             |        | 25             |        |
| Range of metric threads  | mm                 |       | 0.5-20         |        | 0.5-20         |        | 0.5-20         |        |
| Kinds of inch threads    | kinds              |       | 35             |        | 35             |        | 35             |        |
| Range of inch threads    | T.P.I.             |       | 1 1/4 -80      |        | 1 1/4 -80      |        | 1 1/4 -80      |        |
| Tailstock quill diameter | mm                 |       | 60             |        | 60             |        | 60             |        |
| Tailstock quill taper    | -                  |       | MT4            |        | MT4            |        | MT4            |        |
| Tailstock quill travel   | mm                 |       | 100            |        | 100            |        | 100            |        |
| Main motor power         | kw                 |       | 3              |        | 3              |        | 4              |        |
| Coolant motor power      | kw                 |       | 0.09           |        | 0.09           |        | 0.09           |        |
| Machine weight           | Weight for 750     | kg    | 1400           |        | 1500           |        | 1700           |        |
|                          | Weight for 1000    | kg    | 1500           |        | 1600           |        | 1800           |        |
| Overall dimension        | Dimension for 750  | mm    | 2200*1140*1600 |        | 2200*1140*1600 |        | 2200*1140*1600 |        |
|                          | Dimension for 1000 | mm    | 2400*1140*1600 |        | 2400*1140*1600 |        | 2400*1140*1600 |        |

## Lathe Machine

DZ1224G / DZ1237G  
DZ1324G / DZ1337G

Lathe Machine



### Feature

- Precision spindle bearing
- All geared spindle box
- Longitudinal and cross automatic feed
- Quenched and precision grinding guide way

| SPECIFICATIONS           | Units  | DZ1224G       | DZ1237G       | DZ1324G       | DZ1337G       |
|--------------------------|--------|---------------|---------------|---------------|---------------|
| Swing over bed           | mm     | 305           | 305           | 330           | 330           |
| Swing over cross slide   | mm     | 173           | 173           | 215           | 215           |
| Swing over gap           | mm     | 440           | 440           | 485           | 485           |
| Distance between centers | mm     | 530           | 940           | 530           | 940           |
| Spindle bore             | mm     | 38            | 38            | 38            | 38            |
| Spindle bore taper       | -      | MT5           | MT5           | MT5           | MT5           |
| Spindle speed steps      | -      | 9             | 9             | 9             | 9             |
| Spindle speed range      | rpm    | 64-1500       | 64-1500       | 64-1500       | 64-1500       |
| Cross slide travel       | mm     | 150           | 150           | 150           | 150           |
| Top tool post travel     | mm     | 85            | 85            | 85            | 85            |
| Feeds range              | mm/r   | 0.051-0.303   | 0.051-0.303   | 0.051-0.303   | 0.051-0.303   |
| Kinds of metric threads  | kinds  | 11            | 11            | 11            | 11            |
| Range of metric threads  | mm     | 0.5-3.5       | 0.5-3.5       | 0.5-3.5       | 0.5-3.5       |
| Kinds of inch threads    | kinds  | 14            | 14            | 14            | 14            |
| Range of inch threads    | T.P.I. | 7 1/2-48      | 7 1/2-48      | 7 1/2-48      | 7 1/2-48      |
| Tailstock quill diameter | mm     | 32            | 32            | 32            | 32            |
| Tailstock quill taper    | -      | MT3           | MT3           | MT3           | MT3           |
| Tailstock quill travel   | mm     | 95            | 95            | 95            | 95            |
| Main motor power         | kw     | 1.1           | 1.1           | 1.1           | 1.1           |
| Coolant pump motor       | kw     | 0.04          | 0.04          | 0.04          | 0.04          |
| Machine weight           | kg     | 420           | 440           | 440           | 460           |
| Overall dimension        | mm     | 1780x750x1460 | 1420x750x1460 | 1780x750x1480 | 1420x750x1480 |

DZ1237G/1 DZ1337G/1  
DZ1340G/1 DZ1440G/1

Lathe Machine



### Feature

- Precision spindle bearing
- All geared spindle box
- Longitudinal and cross automatic feed
- Quenched and precision grinding guide way
- Cam-lock spindle nose
- Wide range of thread processing

| SPECIFICATIONS                    | Units  | DZ1237G/1     | DZ1337G/1     | DZ1340G/1                 | DZ1440G/1                 |
|-----------------------------------|--------|---------------|---------------|---------------------------|---------------------------|
| Swing over bed                    | mm     | 305           | 330           | 330                       | 350                       |
| Swing over cross slide            | mm     | 173           | 195           | 195                       | 220                       |
| Swing over gap                    | mm     | 440           | 476           | 476                       | 500                       |
| Distance between centers          | mm     | 940           | 940           | 1000                      | 1000                      |
| Spindle bore                      | mm     | 38            | 38            | 38(Optional:51)           | 38(Optional:51)           |
| Spindle bore taper                | -      | MT5           | MT5           | MT5                       | MT5                       |
| Spindle speed steps               | -      | 9             | 9             | 8                         | 8                         |
| Spindle speed range               | rpm    | 64-1500       | 64-1500       | 70-2000(Optional:84-1850) | 70-2000(Optional:84-1850) |
| Cross slide travel                | mm     | 150           | 150           | 170                       | 170                       |
| Top tool post travel              | mm     | 85            | 85            | 74                        | 74                        |
| Longitudinal feeds range          | mm/r   | 0.052-1.392   | 0.052-1.392   | 0.052-1.392               | 0.052-1.392               |
| Cross feeds range                 | mm/r   | 0.014-0.38    | 0.014-0.38    | 0.014-0.38                | 0.014-0.38                |
| Kinds of metric threads           | kinds  | 26            | 26            | 26                        | 26                        |
| Range of metric threads           | mm     | 0.4-7         | 0.4-7         | 0.4-7                     | 0.4-7                     |
| Kinds of inch threads             | kinds  | 34            | 34            | 34                        | 34                        |
| Range of inch threads             | T.P.I. | 4-56          | 4-56          | 4-56                      | 4-56                      |
| Kinds of threads module           | kinds  | 16            | 16            | 16                        | 16                        |
| Range of threads module           | MP     | 0.35-5        | 0.35-5        | 0.35-5                    | 0.35-5                    |
| Kinds of threads hreads diametral | kinds  | 36            | 36            | 36                        | 36                        |
| Range of threads hreads diametral | DP     | 6-104         | 6-104         | 6-104                     | 6-104                     |
| Tailstock quill diameter          | mm     | 32            | 32            | 32                        | 32                        |
| Tailstock quill taper             | -      | MT3           | MT3           | MT3                       | MT3                       |
| Tailstock quill travel            | mm     | 95            | 95            | 95                        | 95                        |
| Main motor power                  | kw     | 1.1           | 1.1           | 1.5                       | 1.5                       |
| Coolant pump motor                | kw     | 0.04          | 0.04          | 0.04                      | 0.04                      |
| Machine weight                    | kg     | 515           | 525           | 635                       | 645                       |
| Overall dimension                 | mm     | 1780x760x1460 | 1780x760x1480 | 1920x760x1480             | 1920x760x1500             |

## Lathe Machine

D6132 / D6136 / D6140  
D6150 / D6160 / D6170

## Lathe Machine



### Main features

- Rail width is 360mm
- Thread processing need to change gears
- Tool size is 20x20mm
- Gears is steel of precision grinding and hardened

### Standard configuration

- Hook wrench
- Inner hexagon spanner
- Single-ended wrench
- Socket wrench
- 3-jaw chuck
- Dead center
- Center sleeve
- Triangular belt
- Adjustment pad iron
- Foundation bolts
- Change gears

### Optional configuration

- Steady Rest, Follow rest
- DRO
- Chuck cover ,Tool post cover ,Lead screw cover
- Foot brake
- Fast moving
- Live center
- 4 jaw chuck
- Drill chuck and holder
- Face plate
- Quick change tool post
- Taper turning attachment

| SPECIFICATIONS           | Units              | D6132                   | D6232          | D6136                  | D6236          | D6140                  | D6240          | D6150                  | D6250 | D6160                  | D6260 | D6170                  | D6270 |
|--------------------------|--------------------|-------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|-------|------------------------|-------|------------------------|-------|
| Swing over bed           | mm                 | 320                     |                | 360                    |                | 400                    |                | 500                    |       | 600                    |       | 700                    |       |
| Swing over cross slide   | mm                 | 150                     |                | 190                    |                | 230                    |                | 330                    |       | 400                    |       | 500                    |       |
| Swing over gap           | mm                 | -                       | 480            | -                      | 520            | -                      | 560            | -                      | 660   | -                      | 760   | -                      | 860   |
| Distance between centers | mm                 | 750/1000/1500/2000/3000 |                |                        |                |                        |                |                        |       |                        |       |                        |       |
| Spindle bore             | mm                 | 52(pot.80)              |                | 52(pot.80)             |                | 52(pot.80)             |                | 52(pot.80)             |       | 52(Optional:80)        |       | 52(pot.80)             |       |
| Spindle bore taper       | -                  | MT6 (pot. Metric 1:20)  |                | MT6 (pot. Metric 1:20) |                | MT6 (pot. Metric 1:20) |                | MT6 (pot. Metric 1:20) |       | MT6 (pot. Metric 1:20) |       | MT6 (pot. Metric 1:20) |       |
| Spindle speed steps      | steps              | 9                       |                | 9                      |                | 9                      |                | 9                      |       | 9                      |       | 9                      |       |
| Spindle speed range      | rpm                | 40-1400                 |                | 40-1400                |                | 40-1400                |                | 40-1400                |       | 40-1400                |       | 40-1400                |       |
| Cross slide travel       | mm                 | 160                     |                | 180                    |                | 200                    |                | 250                    |       | 300                    |       | 350                    |       |
| Top tool post travel     | mm                 | 95                      |                | 95                     |                | 95                     |                | 95                     |       | 95                     |       | 95                     |       |
| Tool size                | mm                 | 20*20                   |                | 20*20                  |                | 20*20                  |                | 20*20                  |       | 20*20                  |       | 20*20                  |       |
| Longitudinal feeds range | mm/r               | 0.0832-4.6569           |                | 0.0832-4.6569          |                | 0.0832-4.6569          |                | 0.0832-4.6569          |       | 0.0832-4.6569          |       | 0.0832-4.6569          |       |
| Cross feeds range        | mm/r               | 0.048-2.688             |                | 0.048-2.688            |                | 0.048-2.688            |                | 0.048-2.688            |       | 0.048-2.688            |       | 0.048-2.688            |       |
| Kinds of metric threads  | kinds              | 19                      |                | 19                     |                | 19                     |                | 19                     |       | 19                     |       | 19                     |       |
| Range of metric threads  | mm                 | 0.25-14                 |                | 0.25-14                |                | 0.25-14                |                | 0.25-14                |       | 0.25-14                |       | 0.25-14                |       |
| Kinds of inch threads    | kinds              | 28                      |                | 28                     |                | 28                     |                | 28                     |       | 28                     |       | 28                     |       |
| Range of inch threads    | T.P.I.             | 2-40                    |                | 2-40                   |                | 2-40                   |                | 2-40                   |       | 2-40                   |       | 2-40                   |       |
| Kinds of threads module  | kinds              | 17                      |                | 17                     |                | 17                     |                | 17                     |       | 17                     |       | 17                     |       |
| Range of threads module  | MP                 | 0.25-3.5                |                | 0.25-3.5               |                | 0.25-3.5               |                | 0.25-3.5               |       | 0.25-3.5               |       | 0.25-3.5               |       |
| Tailstock quill diameter | mm                 | 65                      |                | 65                     |                | 65                     |                | 65                     |       | 65                     |       | 65                     |       |
| Tailstock quill taper    | -                  | MT4                     |                | MT4                    |                | MT4                    |                | MT5                    |       | MT5                    |       | MT5                    |       |
| Tailstock quill travel   | mm                 | 130                     |                | 130                    |                | 130                    |                | 130                    |       | 130                    |       | 130                    |       |
| Main motor power         | kw                 | 4                       |                | 4                      |                | 4                      |                | 5.5                    |       | 5.5                    |       | 5.5                    |       |
| Coolant pump motor       | kw                 | 0.09                    |                | 0.09                   |                | 0.09                   |                | 0.09                   |       | 0.09                   |       | 0.09                   |       |
| Machine weight           | Weight for 750     | kg                      | 1100           | 1200                   | 1220           | 1250                   | 1300           | 1500                   |       |                        |       |                        |       |
|                          | Weight for 1000    | kg                      | 1200           | 1300                   | 1320           | 1350                   | 1400           | 1600                   |       |                        |       |                        |       |
|                          | Weight for 1500    | kg                      | 1400           | 1500                   | 1520           | 1550                   | 1600           | 1800                   |       |                        |       |                        |       |
|                          | Weight for 2000    | kg                      | 1600           | 1700                   | 1720           | 1750                   | 1800           | 2000                   |       |                        |       |                        |       |
|                          | Weight for 3000    | kg                      | 1800           | 1900                   | 1920           | 1950                   | 2000           | 2200                   |       |                        |       |                        |       |
| Overall dimension        | Dimension for 750  | mm                      | 2200*1140*1500 | 2200*1140*1500         | 2200*1140*1550 | 2200*1140*1650         | 2200*1140*1750 | 2200*1140*1850         |       |                        |       |                        |       |
|                          | Dimension for 1000 | mm                      | 2400*1140*1500 | 2400*1140*1500         | 2400*1140*1550 | 2400*1140*1650         | 2400*1140*1750 | 2400*1140*1850         |       |                        |       |                        |       |
|                          | Dimension for 1500 | mm                      | 2900*1140*1500 | 2900*1140*1500         | 2900*1140*1550 | 2900*1140*1650         | 2900*1140*1750 | 2900*1140*1850         |       |                        |       |                        |       |
|                          | Dimension for 2000 | mm                      | 3400*1140*1500 | 3400*1140*1500         | 3400*1140*1550 | 3400*1140*1650         | 3400*1140*1750 | 3400*1140*1850         |       |                        |       |                        |       |
|                          | Dimension for 3000 | mm                      | 4400*1140*1500 | 4400*1140*1500         | 4400*1140*1550 | 4400*1140*1650         | 4400*1140*1750 | 4400*1140*1850         |       |                        |       |                        |       |

## Lathe Machine

**DL6140 / DL6150 / DL6161  
DL6106 / DL6180**

Lathe Machine



### Main features

- Guideway width 400mm, strong cutting force and stable type.
- Feed box with fast moving
- Many kinds of threads with don't need change the hanging wheel.
- 25x25mm High strength tool carrier is 25x25mm
- Gear using chrome material, more wear-resistant.
- Heavy cutting

### Standard configuration

- 3-jaw chuck
- Dead center
- Center sleeve
- Triangular belt
- Foundation bolts
- Socket wrench
- Double-ended wrench
- Inner hexagon spanner
- Hook wrench
- Screwdriver
- Oil gun

### Optional configuration

- Steady Rest, Follow rest
- DRO
- Chuck cover, Tool post cover, Lead screw cover
- Foot brake
- Live center
- 4 jaw chuck
- Drill chuck and holder
- Face plate
- Back plate
- Quick change tool post
- Taper turning attachment

| SPECIFICATIONS                    | Units              | DL6140                            |                   | DL6150            |                   | DL6161            |                   | DL6180            |                   | DL6280            |         |
|-----------------------------------|--------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------|
|                                   |                    | DL6140B                           | DL6240B           | DL6150B           | DL6250B           | DL6161B           | DL6261B           | DL6180B           | DL6280B           | DL6180C           | DL6280C |
| Swing over bed                    | mm                 | 400mm                             |                   | 500mm             |                   | 610mm             |                   | 660mm             |                   | 800mm             |         |
| Swing over cross slide            | mm                 | 210mm                             |                   | 300mm             |                   | 370mm             |                   | 400mm             |                   | 540mm             |         |
| Swing over gap                    | mm                 | -                                 | 630               | -                 | 720               | -                 | 830               | -                 | 880               | -                 | 1020    |
| Gap length                        | mm                 | -                                 | 210               | -                 | 210               | -                 | 210               | -                 | 210               | -                 | 210     |
| Distance between centers          | mm                 | 750/1000/1500/2000/2200/3000/4000 |                   |                   |                   |                   |                   |                   |                   |                   |         |
| Spindle bore                      | mm                 | 52 B:80 C:105                     |                   |                   |                   |                   |                   |                   |                   |                   |         |
| Spindle bore taper                | -                  |                                   |                   |                   |                   |                   |                   |                   |                   |                   |         |
| Spindle speed steps               | steps              | 24                                |                   | 24                |                   | 24                |                   | 24                |                   | 24                |         |
| Spindle speed range               | rpm                | 10-1400/16-1400                   |                   | 10-1400/16-1400   |                   | 10-1400/16-1400   |                   | 10-1400/16-1400   |                   | 10-1400/16-1400   |         |
| Cross slide travel                | mm                 | 320                               |                   | 320               |                   | 320               |                   | 320               |                   | 320               |         |
| Top tool post travel              | mm                 | 140                               |                   | 140               |                   | 140               |                   | 140               |                   | 140               |         |
| Tool size                         | mm                 | 25*25                             |                   | 25*25             |                   | 25*25             |                   | 25*25             |                   | 25*25             |         |
| Longitudinal feeds kinds          | kinds              | 64                                |                   | 64                |                   | 64                |                   | 64                |                   | 64                |         |
| Longitudinal feeds range          | mm/r               | 0.028-6.33                        |                   | 0.028-6.33        |                   | 0.028-6.33        |                   | 0.028-6.33        |                   | 0.028-6.33        |         |
| Cross feeds range kinds           | kinds              | 64                                |                   | 64                |                   | 64                |                   | 64                |                   | 64                |         |
| Cross feeds range                 | mm/r               | 0.014-3.16                        |                   | 0.014-3.16        |                   | 0.014-3.16        |                   | 0.014-3.16        |                   | 0.014-3.16        |         |
| Longitudinal fast moving          | m/min              | 4                                 |                   | 4                 |                   | 4                 |                   | 4                 |                   | 4                 |         |
| Cross fast moving                 | m/min              | 2                                 |                   | 2                 |                   | 2                 |                   | 2                 |                   | 2                 |         |
| Kinds of metric threads           | kinds              | 44                                |                   | 44                |                   | 44                |                   | 44                |                   | 44                |         |
| Range of metric threads           | mm                 | 1-192                             |                   | 1-192             |                   | 1-192             |                   | 1-192             |                   | 1-192             |         |
| Kinds of inch threads             | kinds              | 21                                |                   | 21                |                   | 21                |                   | 21                |                   | 21                |         |
| Range of inch threads             | T.P.I.             | 2-24                              |                   | 2-24              |                   | 2-24              |                   | 2-24              |                   | 2-24              |         |
| Kinds of threads module           | kinds              | 39                                |                   | 39                |                   | 39                |                   | 39                |                   | 39                |         |
| Range of threads module           | MP                 | 0.25-48                           |                   | 0.25-48           |                   | 0.25-48           |                   | 0.25-48           |                   | 0.25-48           |         |
| Kinds of threads hreads diametral | kinds              | 37                                |                   | 37                |                   | 37                |                   | 37                |                   | 37                |         |
| Range of threads hreads diametral | DP                 | 1-96                              |                   | 1-96              |                   | 1-96              |                   | 1-96              |                   | 1-96              |         |
| Tailstock quill diameter          | mm                 | 75                                |                   | 75                |                   | 75                |                   | 75                |                   | 75                |         |
| Tailstock quill taper             | -                  | MT5                               |                   | MT5               |                   | MT5               |                   | MT5               |                   | MT5               |         |
| Tailstock quill travel            | mm                 | 150                               |                   | 150               |                   | 150               |                   | 150               |                   | 150               |         |
| Main motor power                  | kw                 | 7.5                               |                   | 7.5               |                   | 7.5               |                   | 11                |                   | 11                |         |
| Coolant motor power               | kw                 | 0.09                              |                   | 0.09              |                   | 0.09              |                   | 0.09              |                   | 0.09              |         |
| Machine weight                    | Weight for 750     | kg 2000                           |                   | kg 2100           |                   | kg 2200           |                   | kg 2300           |                   | kg 2400           |         |
|                                   | Weight for 1000    | kg 2100                           |                   | kg 2200           |                   | kg 2300           |                   | kg 2500           |                   | kg 2670           |         |
|                                   | Weight for 1500    | kg 2300                           |                   | kg 2400           |                   | kg 2500           |                   | kg 2700           |                   | kg 2920           |         |
|                                   | Weight for 2000    | kg 2600                           |                   | kg 2700           |                   | kg 2800           |                   | kg 2900           |                   | kg 3170           |         |
|                                   | Weight for 2200    | kg 2700                           |                   | kg 2800           |                   | kg 3000           |                   | kg 3200           |                   | kg 3300           |         |
|                                   | Weight for 3000    | kg 3300                           |                   | kg 3500           |                   | kg 3700           |                   | kg 3900           |                   | kg 4100           |         |
|                                   | Weight for 4000    | kg 3800                           |                   | kg 4000           |                   | kg 4200           |                   | kg 4420           |                   | kg 4600           |         |
| Overall dimension                 | Dimension for 750  | mm 2440*1150*1600                 |                   | mm 2440*1150*1700 |                   | mm 2440*1150*1800 |                   | mm 2440*1150*1860 |                   | mm 2440*1150*2000 |         |
|                                   | Dimension for 1000 | mm 2650*1150*1600                 |                   | mm 2650*1150*1700 |                   | mm 2650*1150*1800 |                   | mm 2650*1150*1860 |                   | mm 2650*1150*2000 |         |
|                                   | Dimension for 1500 | mm 3150*1150*1600                 |                   | mm 3150*1150*1700 |                   | mm 3150*1150*1800 |                   | mm 3150*1150*1860 |                   | mm 3150*1150*2000 |         |
|                                   | Dimension for 2000 | mm 3650*1150*1600                 |                   | mm 3650*1150*1700 |                   | mm 3650*1150*1800 |                   | mm 3650*1150*1860 |                   | mm 3650*1150*2000 |         |
|                                   | Dimension for 2200 | mm 4030*1150*1600                 |                   | mm 4030*1150*1700 |                   | mm 4030*1150*1800 |                   | mm 4030*1150*1860 |                   | mm 4030*1150*2000 |         |
|                                   | Dimension for 3000 | mm 4800*1150*1600                 |                   | mm 4800*1150*1700 |                   | mm 4800*1150*1800 |                   | mm 4800*1150*1860 |                   | mm 4800*1150*2000 |         |
| Dimension for 4000                | mm 5680*1150*1600  |                                   | mm 5680*1150*1700 |                   | mm 5680*1150*1800 |                   | mm 5680*1150*1860 |                   | mm 5680*1150*2000 |                   |         |

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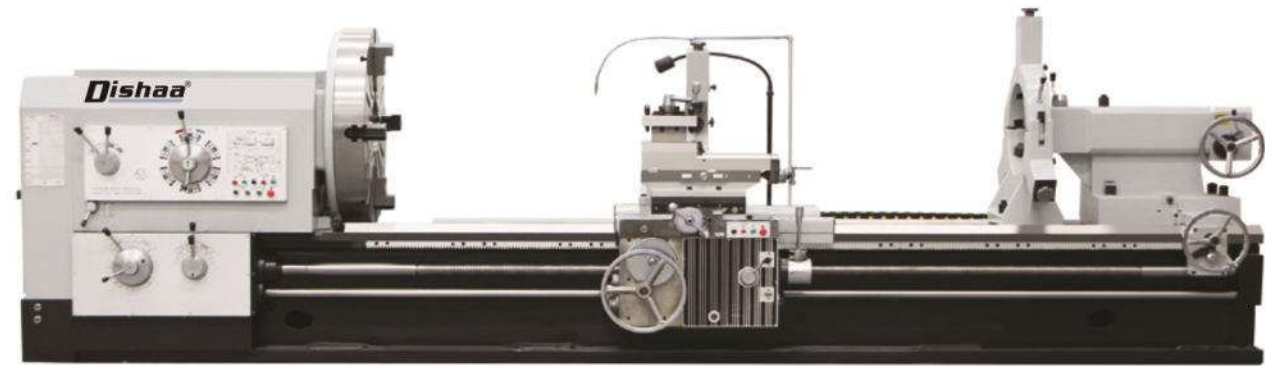
## Lathe Machine

DW6163E / DW6263E  
DW6180E / DW6280E  
Heavy Duty Lathe



| SPECIFICATIONS             | Units              | DW6163E          | DW6263E        | DW6180E                       | DW6280E        | DW6180F          | DW6280F | DW61100F         | DW62100F |
|----------------------------|--------------------|------------------|----------------|-------------------------------|----------------|------------------|---------|------------------|----------|
| Swing over bed             | mm                 | 630              |                | 800                           |                | 800              |         | 1000             |          |
| Swing over gap             | mm                 | -                | 800            | -                             | 1000           | -                | 1000    | -                | 1200     |
| Swing over cross slide     | mm                 | 350              |                | 520                           |                | 480              |         | 680              |          |
| Distance between centers   | mm                 |                  |                | 1500/2000/3000/4000/5000/6000 |                |                  |         |                  |          |
| Guideway width             | mm                 | 550              |                | 550                           |                | 600              |         | 600              |          |
| Max. load capacity         | T                  | 3                |                | 3                             |                | 4                |         | 4                |          |
| Spindle bore               | mm                 | 104              |                | 104                           |                | 104              |         | 104              |          |
| Spindle bore taper         | -                  | Metric120/MT5    |                | Metric120/MT5                 |                | Metric120/MT5    |         | Metric120/MT5    |          |
| Spindle nose type          | -                  | C11              |                | C11                           |                | C11              |         | C11              |          |
| Spindle speed steps        | steps              | 18               |                | 18                            |                | 18               |         | 18               |          |
| Spindle speed range        | rpm                | 7.5-1000         |                | 6-800                         |                | 5.4-720          |         | 5.4-720          |          |
| Chuck                      | mm                 | 315 Manual 3-jaw |                | 315 Manual 3-jaw              |                | 400 Manual 3-jaw |         | 400 Manual 3-jaw |          |
| Tool size                  | mm                 | 30*30            |                | 30*30                         |                | 32*32            |         | 32*32            |          |
| X axis travel              | mm                 | 320              |                | 420                           |                | 420              |         | 420              |          |
| Z axis travel              | mm                 |                  |                | 1350/1850/2850/3850/4850/5850 |                |                  |         |                  |          |
| X axis feed steps /range   | mm/r               | 64/0.05-12.15    |                | 64/0.05-12.15                 |                | 64/0.05-12.15    |         | 64/0.05-12.15    |          |
| Z axis feed steps /range   | mm/r               | 64/0.1-24.3      |                | 64/0.1-24.3                   |                | 64/0.1-24.3      |         | 64/0.1-24.3      |          |
| X axis rapid traverse      | mm/min             | 2300             |                | 2300                          |                | 2300             |         | 2300             |          |
| Z axis rapid traverse      | mm/min             | 4000             |                | 4000                          |                | 4000             |         | 4000             |          |
| Metric thread kinds /range | mm                 | 50/1-240         |                | 50/1-240                      |                | 50/1-240         |         | 50/1-240         |          |
| Inch thread kinds /range   | T.P.I              | 26/14-1          |                | 26/14-1                       |                | 26/14-1          |         | 26/14-1          |          |
| Module thread kinds /range | mm                 | 53/0.5-120       |                | 53/0.5-120                    |                | 53/0.5-120       |         | 53/0.5-120       |          |
| DP thread kinds /range     | D.P.               | 24/28-1          |                | 24/28-1                       |                | 24/28-1          |         | 24/28-1          |          |
| Tailstock quill diameter   | mm                 | 100              |                | 100                           |                | 120              |         | 120              |          |
| Tailstock quill taper      | -                  | MT5              |                | MT5                           |                | MT6              |         | MT6              |          |
| Tailstock quill travel     | mm                 | 250              |                | 250                           |                | 250              |         | 300              |          |
| Main motor power           | kw                 | 11               |                | 11                            |                | 11               |         | 11               |          |
| Rapid traverse motor power | kw                 | 1.1              |                | 1.1                           |                | 1.1              |         | 1.1              |          |
| Coolant motor power        | kw                 | 0.125            |                | 0.125                         |                | 0.125            |         | 0.125            |          |
| Machine weight             | Weight for 1500    | kg               | 3800           | 4100                          | 5000           | 5300             |         |                  |          |
|                            | Weight for 2000    | kg               | 4200           | 4500                          | 5400           | 5700             |         |                  |          |
|                            | Weight for 3000    | kg               | 4900           | 5200                          | 6100           | 6400             |         |                  |          |
|                            | Weight for 4000    | kg               | 5600           | 5900                          | 6800           | 7100             |         |                  |          |
|                            | Weight for 5000    | kg               | 6300           | 6600                          | 7500           | 7800             |         |                  |          |
| Weight for 6000            | kg                 | 7000             | 7300           | 8200                          | 8500           |                  |         |                  |          |
| Overall dimension          | Dimension for 1500 | mm               | 3800*1400*1450 | 3800*1500*1450                | 4000*1550*1650 | 4000*1750*1750   |         |                  |          |
|                            | Dimension for 2000 | mm               | 4300*1400*1450 | 4300*1500*1450                | 4500*1550*1650 | 4500*1750*1750   |         |                  |          |
|                            | Dimension for 3000 | mm               | 5300*1400*1450 | 5300*1500*1450                | 5500*1550*1650 | 5500*1750*1750   |         |                  |          |
|                            | Dimension for 4000 | mm               | 6300*1400*1450 | 6300*1500*1450                | 6500*1550*1650 | 6500*1750*1750   |         |                  |          |
|                            | Dimension for 5000 | mm               | 7300*1400*1450 | 7300*1500*1450                | 7500*1550*1650 | 7500*1750*1750   |         |                  |          |
|                            | Dimension for 6000 | mm               | 8300*1400*1450 | 8300*1500*1450                | 8500*1550*1650 | 8500*1750*1750   |         |                  |          |

DW6100L / DW6125L  
DW6140L / DW6160L  
Heavy Duty Lathe



| SPECIFICATIONS             | Units              | DW61100L          | DW61125L          | DW61140L                      | DW61160L          |                |
|----------------------------|--------------------|-------------------|-------------------|-------------------------------|-------------------|----------------|
| Swing over bed             | mm                 | 1000              | 1250              | 1400                          | 1600              |                |
| Swing over cross slide     | mm                 | 610               | 850               | 1000                          | 1200              |                |
| Distance between centers   | mm                 |                   |                   | 1500/2000/3000/4000/5000/6000 |                   |                |
| Guideway width             | mm                 | 755               | 755               | 755                           | 755               |                |
| Max. load capacity         | T                  | 6                 | 6                 | 6                             | 6                 |                |
| Spindle bore               | mm                 | 130               | 130               | 130                           | 130               |                |
| Spindle bore taper         | -                  | Metric140/MT6     | Metric140/MT6     | Metric140/MT6                 | Metric140/MT6     |                |
| Spindle nose type          | -                  | A2-15             | A2-15             | A2-15                         | A2-15             |                |
| Spindle speed steps        | steps              | 21                | 21                | 21                            | 21                |                |
| Spindle speed range        | rpm                | 3.15-315          | 3.15-315          | 3.15-315                      | 3.15-315          |                |
| Chuck                      | mm                 | 1000 Manual 4-jaw | 1000 Manual 4-jaw | 1000 Manual 4-jaw             | 1000 Manual 4-jaw |                |
| Tool size                  | mm                 | 45*45             | 45*45             | 45*45                         | 45*45             |                |
| X axis travel              | mm                 | 520               | 620               | 620                           | 620               |                |
| Z axis travel              | mm                 |                   |                   | 1350/1850/2850/3850/4850/5850 |                   |                |
| X axis feed steps /range   | mm/r               | 56/0.05-6         | 56/0.05-6         | 56/0.05-6                     | 56/0.05-6         |                |
| Z axis feed steps /range   | mm/r               | 56/0.1-12         | 56/0.1-12         | 56/0.1-12                     | 56/0.1-12         |                |
| X axis rapid traverse      | mm/min             | 1870              | 1870              | 1870                          | 1870              |                |
| Z axis rapid traverse      | mm/min             | 3740              | 3740              | 3740                          | 3740              |                |
| Metric thread kinds /range | mm                 | 44/1-120          | 44/1-120          | 44/1-120                      | 44/1-120          |                |
| Inch thread kinds /range   | T.P.I              | 31/28-3/8         | 31/28-3/8         | 31/28-3/8                     | 31/28-3/8         |                |
| Module thread kinds /range | mm                 | 45/0.5-60         | 45/0.5-60         | 45/0.5-60                     | 45/0.5-60         |                |
| DP thread kinds /range     | D.P.               | 30/56-1           | 30/56-1           | 30/56-1                       | 30/56-1           |                |
| Tailstock quill diameter   | mm                 | φ160              | φ160              | φ160                          | φ160              |                |
| Tailstock quill taper      | -                  | MT6               | MT6               | MT6                           | MT6               |                |
| Tailstock quill travel     | mm                 | 300               | 300               | 300                           | 300               |                |
| Main motor power           | kw                 | 22                | 22                | 22                            | 22                |                |
| Rapid traverse motor power | kw                 | 1.5               | 1.5               | 1.5                           | 1.5               |                |
| Coolant motor power        | kw                 | 0.125             | 0.125             | 0.125                         | 0.125             |                |
| Machine weight             | Weight for 1500    | kg                | 9600              | 10600                         | 11200             | 13100          |
|                            | Weight for 2000    | kg                | 10100             | 11100                         | 11700             | 13600          |
|                            | Weight for 3000    | kg                | 10700             | 11700                         | 12300             | 14200          |
|                            | Weight for 4000    | kg                | 11700             | 12700                         | 13300             | 15200          |
|                            | Weight for 5000    | kg                | 12700             | 13700                         | 14300             | 16200          |
| Weight for 6000            | kg                 | 13700             | 14700             | 15300                         | 17200             |                |
| Overall dimension          | Dimension for 1500 | mm                | 4600*2000*1800    | 4600*2000*1950                | 4600*2250*2050    | 4600*2250*2150 |
|                            | Dimension for 2000 | mm                | 5100*2000*1800    | 5100*2000*1950                | 5100*2250*2050    | 5100*2250*2150 |
|                            | Dimension for 3000 | mm                | 6100*2000*1800    | 6100*2000*1950                | 6100*2250*2050    | 6100*2250*2150 |
|                            | Dimension for 4000 | mm                | 7100*2000*1800    | 7100*2000*1950                | 7100*2250*2050    | 7100*2250*2150 |
|                            | Dimension for 5000 | mm                | 8100*2000*1800    | 8100*2000*1950                | 8100*2250*2050    | 8100*2250*2150 |
|                            | Dimension for 6000 | mm                | 9100*2000*1800    | 9100*2000*1950                | 9100*2250*2050    | 9100*2250*2150 |

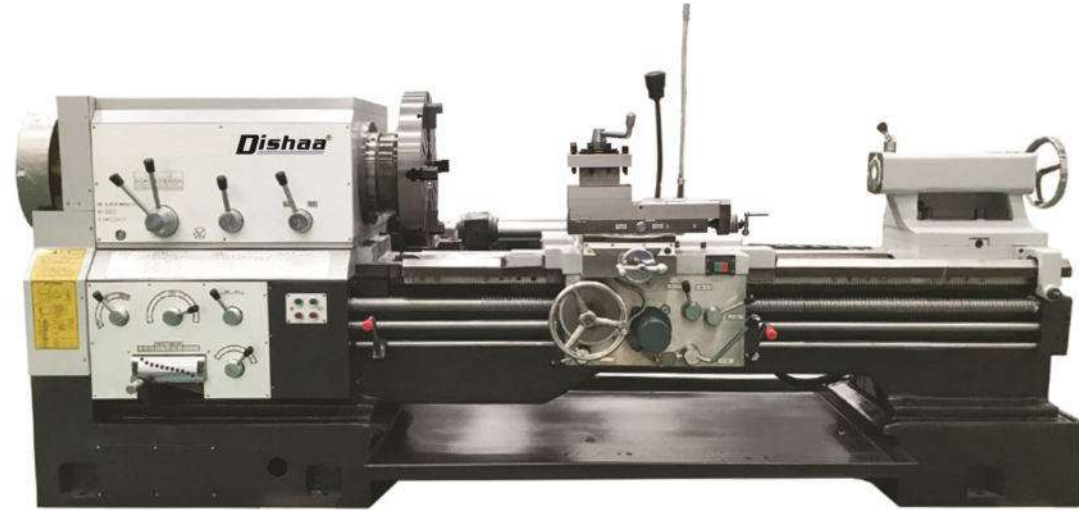
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## Lathe Machine

D1313 / D1319 / D1322  
D1325 / D1327

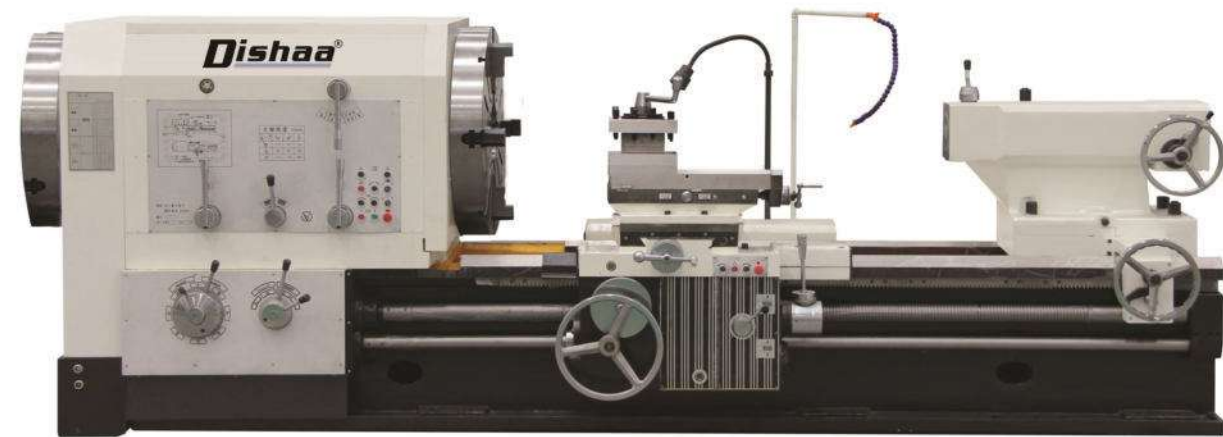
Pipe Threading Lathe Machine



| SPECIFICATIONS             |                    | Units | D1313          | D1319          | D1322          | D1325          | D1327          |
|----------------------------|--------------------|-------|----------------|----------------|----------------|----------------|----------------|
| Swing over bed             | mm                 |       | 630/800        | 630/800        | 630/800        | 800            | 800            |
| Swing over cross slide     | mm                 |       | 340/520        | 340/520        | 340/520        | 480            | 480            |
| Distance between centers   | mm                 |       | 1500/3000      | 1500/3000      | 1500/3000      | 1500/3000      | 1500/3000      |
| Pipe threading range       | mm                 |       | 30-126         | 50-193         | 50-220         | 120-250        | 130-270        |
| Guideway width             | mm                 |       | 550            | 550            | 550            | 600            | 600            |
| Max. load capacity         | kg                 |       | 3000           | 3000           | 3000           | 4000           | 4000           |
| Spindle bore               | mm                 |       | 130            | 200            | 230            | 255            | 280            |
| Spindle speed steps        | steps              |       | 18             | 4              | 4              | 4              | 4              |
| Spindle speed range        | rpm                |       | 30-650         | 20-550         | 20-550         | 20-420         | 20-420         |
| Chuck                      | mm                 |       | 400            | 520            | 520            | 630            | 630            |
|                            |                    |       | manual/3-jaw   | manual/4-jaw   | manual/4-jaw   | manual/4-jaw   | manual/3-jaw   |
| Tool shank size            | mm                 |       | 30*30          | 32*32          | 32*32          | 32*32          | 32*32          |
| X axis travel              | mm                 |       | 320/420        | 320/420        | 320/420        | 420            | 420            |
| Z axis travel              | mm                 |       | 1350/2850      | 1350/2850      | 1350/2850      | 1350/2850      | 1350/2850      |
| X axis feed steps /range   | mm/r               |       | 22/0.02-0.45   | 22/0.02-0.45   | 22/0.02-0.45   | 22/0.02-0.45   | 22/0.02-0.45   |
| Z axis feed steps /range   | mm/r               |       | 26/0.07-1.33   | 26/0.07-1.33   | 26/0.07-1.33   | 26/0.07-1.33   | 26/0.07-1.33   |
| X axis rapid traverse      | mm/min             |       | 2300           | 2300           | 2300           | 2300           | 2300           |
| Z axis rapid traverse      | mm/min             |       | 4000           | 4000           | 4000           | 4000           | 4000           |
| Metric thread kinds /range | mm                 |       | 52/1-24        | 1-15           | 1-15           | 1-15           | 1-15           |
| Inch thread kinds /range   | T.P.I              |       | 40/28-2        | 14-1           | 14-1           | 14-1           | 14-1           |
| Tailstock quill diameter   | mm                 |       | 100            | 100            | 100            | 120            | 120            |
| Tailstock quill taper      | -                  |       | MT5            | MT5            | MT5            | MT6            | MT6            |
| Tailstock quill travel     | mm                 |       | 250            | 250            | 250            | 250            | 250            |
| Main motor power           | kw                 |       | 11             | 11             | 11             | 15             | 15             |
| Rapid traverse motor       | kw                 |       | 0.3            | 0.3            | 0.3            | 1.1            | 1.1            |
| Coolant motor power        | kw                 |       | 0.125          | 0.125          | 0.125          | 0.125          | 0.125          |
| Machine weight             | Weight for 1500    | kg    | 4000           | 4300           | 4500           | 8000           | 8000           |
|                            | Weight for 3000    | kg    | 5200           | 5500           | 5700           | 9000           | 9000           |
| Overall dimension          | Dimension for 1500 | mm    | 3700*1500*1500 | 3700*1550*1550 | 3700*1650*1550 | 4100*1700*1600 | 4100*1700*1600 |
|                            | Dimension for 3000 | mm    | 5200*1500*1500 | 5200*1550*1550 | 5200*1650*1550 | 5600*1700*1600 | 5600*1700*1600 |

D1327 / D1332 / D1338  
D1343 / D1350

Pipe Threading Lathe Machine



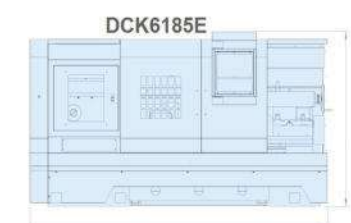
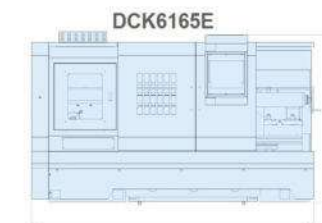
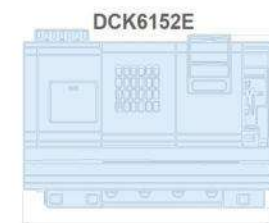
| SPECIFICATIONS             |                    | Units | D1327          | D1332          | D1338          | D1343          | D1350          |
|----------------------------|--------------------|-------|----------------|----------------|----------------|----------------|----------------|
| Swing over bed             | mm                 |       | 1000           | 1000           | 1000           | 1000           | 1200           |
| Swing over cross slide     | mm                 |       | 610            | 610            | 610            | 610            | 710            |
| Distance between centers   | mm                 |       | 1500/3000      | 1500/3000      | 1500/3000      | 1500/3000      | 1500/3000      |
| Pipe threading range       | mm                 |       | 130-270        | 190-320        | 190-380        | 270-430        | 330-510        |
| Guideway width             | mm                 |       | 755            | 755            | 755            | 755            | 755            |
| Max. load capacity         | kg                 |       | 6000           | 6000           | 6000           | 6000           | 6000           |
| Spindle bore               | mm                 |       | 280            | 330            | 390            | 440            | 520            |
| Spindle speed steps        | -                  |       | 12             | 9              | 9              | 9              | 9              |
| Spindle speed range        | rpm                |       | 16-380         | 7.5-280        | 6-205          | 4.9-180        | 4.9-180        |
| Chuck                      | mm                 |       | 800            | 780            | 850            | 1000           | 1000           |
|                            |                    |       | Manual 4-jaw   | Electric 4-jaw | Electric 4-jaw | Electric 4-jaw | Electric 4-jaw |
| Tool size                  | mm                 |       | 45*45          | 45*45          | 45*45          | 45*45          | 45*45          |
| X axis travel              | mm                 |       | 520            | 520            | 520            | 520            | 520            |
| Z axis travel              | mm                 |       | 1350/2850      | 1350/2850      | 1350/2850      | 1350/2850      | 1350/2850      |
| X axis feed steps /range   | mm/r               |       | 40/0.05-1.5    | 32/0.05-0.75   | 32/0.05-0.75   | 32/0.05-0.75   | 32/0.05-0.75   |
| Z axis feed steps /range   | mm/r               |       | 40/0.1-3.0     | 32/0.1-1.5     | 32/0.1-1.5     | 32/0.1-1.5     | 32/0.1-1.5     |
| X axis rapid traverse      | mm/min             |       | 1870           | 1870           | 1870           | 1870           | 1870           |
| Z axis rapid traverse      | mm/min             |       | 3740           | 3740           | 3740           | 3740           | 3740           |
| Metric thread kinds /range | mm                 |       | 30/1-30        | 23/1-15        | 23/1-15        | 23/1-15        | 23/1-15        |
| Inch thread kinds /range   | T.P.I              |       | 27/28-1        | 22/28-2        | 22/28-2        | 22/28-2        | 22/28-2        |
| Tailstock quill diameter   | mm                 |       | 160            | 160            | 160            | 160            | 160            |
| Tailstock quill taper      | -                  |       | MT6            | MT6            | MT6            | MT6            | MT6            |
| Tailstock quill travel     | mm                 |       | 300            | 300            | 300            | 300            | 300            |
| Main motor power           | kw                 |       | 22             | 22             | 22             | 22             | 22             |
| Rapid traverse motor       | kw                 |       | 1.5            | 1.5            | 1.5            | 1.5            | 1.5            |
| Coolant motor power        | kw                 |       | 0.125          | 0.125          | 0.125          | 0.125          | 0.125          |
| Machine weight             | Weight for 1500    | kg    | 10000          | 11500          | 12800          | 13000          | 15000          |
|                            | Weight for 3000    | kg    | 11500          | 13000          | 14300          | 14500          | 16500          |
| Overall dimension          | Dimension for 1500 | mm    | 4800*2100*1600 | 4900*2100*1650 | 4900*2100*1700 | 5000*2100*1700 | 5000*2100*1850 |
|                            | Dimension for 3000 | mm    | 6300*2100*1600 | 6400*2100*1650 | 6400*2100*1700 | 6500*2100*1700 | 6500*2100*1850 |

## DCK6152E / DCK6165E / DCK6185E

### CNC Lathe Machine

#### Features

1. Higher stability one-piece machine bed
2. 3-gear spindle speed, step-less in gear
3. Higher rigidity base
4. Wider slide carriage
5. Integrated automatic lubrication system



CNC LATHE

CNC LATHE

#### Usage

Controlled by NC system, this machine could process different inner bore, ex-circle, circular conical surface and screw thread, especially suitable for the small and middle-sized shaft and plate work piece from rough processing to finish processing in batch. It has advantages like higher automaticity, simpler programming and higher accuracy.



| Specifications                  | Unit      | DCK6152E   | DCK6165E                      | DCK6185E                           |
|---------------------------------|-----------|--|-------------------------------|------------------------------------|
| Max. swing dia. over bed        | mm        | 530  | 650                           | 850                                |
| Max. swing dia. over slide      | mm        | 280  | 375                           | 500                                |
| Maximum turning diameter (disc) | mm        | 520  | 650                           | 850                                |
| Max. work piece length          | mm        | 1000/1500/2000/3000  | 1000/1500/2000/3000           | 1000/1500/2000/3000/4000           |
| Maximum turning length          | mm        | 825/1325/1825/2825   | 900/1400/1900/2900            | 900/1400/1900/2900/3900            |
| Spindle nose                    |           | A2-8   | C11                           | C11                                |
| spindle bore                    | φ/mm      | 90   | 105                           | 105                                |
| Spindle taper                   | φ/mm      | 100/1: 20  | 120/1: 20                     | 120/1: 20                          |
| Spindle speed                   | r/min     | 30-150,90-450,315-1600   | 10-85,40-350,100-850          | 10-85,40-350,100-850               |
| Spindle shift mode              |           | Three speed mechanical transmission, stepless speed regulation within the gear |                               |                                    |
| Spindle motor power             | KW        | 7.5  | 11                            | 11                                 |
| Chuck type                      |           | Manual Chuck   | Manual Chuck                  | Manual Chuck                       |
| Chuck size                      | mm        | 250  | 320                           | 400                                |
| X axis rapid traverse           | m/min     | 6  | 4                             | 4                                  |
| Z axis rapid traverse           | m/min     | 8  | 5                             | 5                                  |
| X axis servo motor torque       | N.m       | 7.5  | 10                            | 10                                 |
| Z axis servo motor torque       | N.m       | 10/15/22   | 15/22/30                      | 15/22/30                           |
| X axis travel                   | mm        | 300  | 400                           | 450                                |
| Z axis travel                   | mm        | 1000/1500/2000/3000  | 1100/1600/2100/3100           | 1100/1600/2100/3100/4100           |
| Guide way type                  |           | Hard rail  | Hard rail                     | Hard rail                          |
| Capacity of tool post           |           | 4  | 4                             | 4                                  |
| Tool shank size                 | mmxmm     | 25×25  | 32×32                         | 32×32                              |
| Tail stock quill dia            | φ/mm      | 75   | 100                           | 100                                |
| Tail stock quill travel         | mm        | 150  | 250                           | 250                                |
| Tail stock quill taper          |           | MT5#   | MT6#                          | MT6#                               |
| Total rated power               | KW        | 12/12/13   | 16/18/20                      | 16/18/20                           |
| Total rated current             | A         | 26/26/28   | 36/40/42                      | 36/38/42                           |
| Net weight                      | kg        | 2900/3150/3500/4300  | 4000/4400/5000/5800           | 4200/4600/5200/6000/6700           |
| Machine dimension(L×W×H)        | L×W×H(mm) | 2600/3100/3600/4800×1600×1670  | 3300/3800/4300/5300×1900×1900 | 3300/3800/4300/4800/5800×2000×2000 |

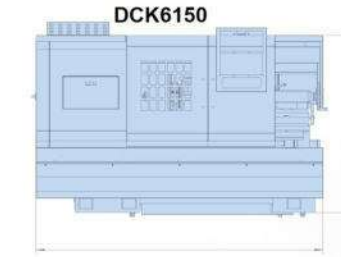
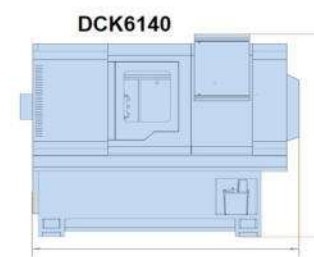
## DCK6140 / DCK6150 / DVCK6160

### CNC Lathe Machine



#### Features

1. The higher strength base and the widening slide are suitable for heavy cutting
2. Four position electric turret
3. Variable frequency speed
4. Standard configuration: manual chuck
5. Optional configuration: hydraulic chuck



CNC LATHE

CNC LATHE



| Specifications                  | Unit      | DCK6140                   | DCK6150                  | DCK6160                  |
|---------------------------------|-----------|---------------------------|--------------------------|--------------------------|
| Max. swing dia. over bed        | mm        | 400                       | 500                      | 600                      |
| Max. swing dia. over slide      | mm        | 240                       | 250                      | 395                      |
| Maximum turning diameter (disc) | mm        | 400                       | 500                      | 600                      |
| Max. work piece length          | mm        | 550/750                   | 1000/1500/2000           | 1000/1500/2000           |
| Maximum turning length          | mm        | 420/620                   | 850/1350/1850            | 850/1350/1850            |
| Spindle nose                    |           | A2-6/A2-8                 | A2-8/A2-11               | A2-8/A2-11               |
| spindle bore                    | φ/mm      | 48/82                     | 82/130                   | 82/130                   |
| Spindle taper                   | φ/mm      | Chuck / 90                | 90/140                   | 90/140                   |
| Spindle speed                   | r/min     | 150-2500/150-1800         | 150-1800/150-800         | 150-1800/150-800         |
| Spindle type                    |           | Stepless speed regulation |                          |                          |
| Spindle motor power             | KW        | 5.5/7.5                   | 7.5/11                   | 7.5/11                   |
| Chuck type                      |           | Manual Chuck              | Manual Chuck             | Manual Chuck             |
| Chuck size                      | mm        | 200/250                   | 250/320/380              | 250/320/380              |
| X axis rapid traverse           | m/min     | 6                         | 6                        | 6                        |
| Z axis rapid traverse           | m/min     | 8                         | 8                        | 8                        |
| X axis servo motor torque       | N.m       | 4                         | 5/7.5                    | 5/7.5                    |
| Z axis servo motor torque       | N.m       | 6                         | 7.5/10/15                | 7.5/10/15                |
| X axis travel                   | mm        | 280                       | 280                      | 325                      |
| Z axis travel                   | mm        | 550/750                   | 1000/1500/2000           | 1000/1500/2000           |
| Guide way type                  |           | Hard rail                 | Hard rail                | Hard Rail                |
| Capacity of tool post           |           | 4                         | 4                        | 4                        |
| Tool shank size                 | mmxmm     | 20×20                     | 25×25                    | 25×25                    |
| Tail stock quill dia            | φ/mm      | 60                        | 75                       | 75                       |
| Tail stock quill travel         | mm        | 100                       | 150                      | 150                      |
| Tail stock quill taper          |           | MT4#                      | MT5#                     | MT5#                     |
| Total rated power               | KW        | 8/10                      | 11/12/13                 | 11/12/13                 |
| Total rated current             | A         | 17/21                     | 23/26/29                 | 23/26/29                 |
| Net weight                      | kg        | 1900/2200                 | 2700/3100/3500           | 2800/3200/3400           |
| Machine dimension(L×W×H)        | L×W×H(mm) | 2000/2200×1600×1800       | 2650/3250/3750×1700×1820 | 2650/3250/3750×1700×1820 |

#### Usage

Machine tool can automatically process the inside and outside cylinder surface, cone surface, circular arc surface, end face, such as processing, and also can process the single and multiple threads in metric, inch and other standards.

## DCK61100E / DCK61125E

### CNC Lathe Machine

#### Usage

This machine tool is suitable to process the middle and large size work piece in steel, cast iron, non-ferrous metal material.

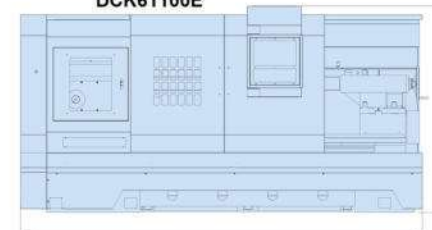
With the feature of big power and high rigidity, this machine is applied to heavy-cut the inner circle, ex-circle, end surface and thread in both metric and English system, and could drill and bore the holes



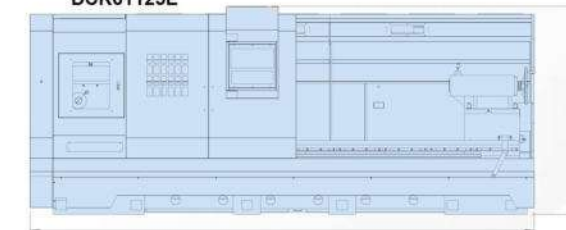
#### Features

1. Higher stability one-piece machine bed
2. 3-gear sprindle speed, step-less in gear
3. Higher rigidity base
4. Wider slide carriage
5. Integrated automatic lubrication system

DCK61100E



DCK61125E



| Specifications                  | Unit      | DCK61100E  | DCK61125E                    |
|---------------------------------|-----------|--|------------------------------|
| Max. swing dia. over bed        | mm        | 1000   | 1250                         |
| Max. swing dia. over slide      | mm        | 650  | 850                          |
| Maximum turning diameter (disc) | mm        | 1000   | 1250                         |
| Max. work piece length          | mm        | 1500/2000/3000/5000  | 1500/2000/3000/5000          |
| Maximum turning length          | mm        | 1400/1900/2900   | 1350/1850/2850               |
| Spindle nose                    |           | A2-15  | A2-15                        |
| spindle bore                    | φ/mm      | 130  | 130                          |
| Spindle taper                   | φ/mm      | Metric 140/ 1:20   | Metric 140/ 1:20             |
| Spindle speed                   | r/min     | 10-60,40-240,100-600   | 10-50,40-120,100-300         |
| Spindle shift mode              |           | Three speed mechanical transmission, stepless speed regulation within the gear |                              |
| Spindle motor power             | KW        | 15   | 22                           |
| Chuck type                      |           | Manual Chuck   | Manual Chuck                 |
| Chuck size                      | mm        | 500  | 600                          |
| X axis rapid traverse           | m/min     | 4  | 4                            |
| Z axis rapid traverse           | m/min     | 5  | 5                            |
| X axis servo motor torque       | N.m       | 10   | 15                           |
| Z axis servo motor torque       | N.m       | 15/22/30   | 18/22/30                     |
| X axis travel                   | mm        | 530  | 650                          |
| Z axis travel                   | mm        | 1500/2000/3000   | 1350/1850/2850               |
| Guide way type                  |           | Hard rail  | Hard rail                    |
| Capacity of tool post           |           | 4  | 4                            |
| Tool shank size                 | mmxmm     | 40X40  | 40X40                        |
| Tail stock quill dia            | φ/mm      | 140  | 160                          |
| Tail stock quill travel         | mm        | 250  | 250                          |
| Tail stock quill taper          |           | MT6#   | MT6#                         |
| Total rated power               | KW        | 22/23/25   | 29/30/30                     |
| Total rated current             | A         | 47/50/54   | 62/65/65                     |
| Net weight                      | kg        | 5000/5500/6300   | 8500/9000/10600              |
| Machine dimension(LxWxH)        | LxWxH(mm) | 4100/4600/5600 X 2160 X 2200   | 4100/4600/5600 X 2355 X 2425 |

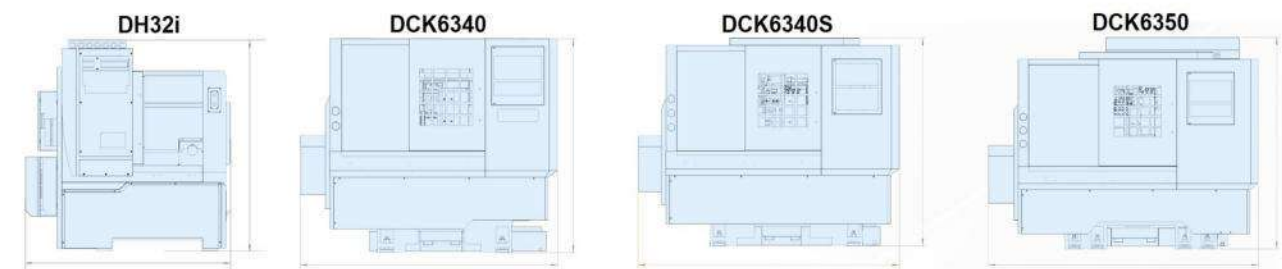
## DH32i / DCK6340 / DCK6340S / DCK6350

### CNC Lathe Machine



#### Features

1. Flat bed/45 degrees slant bed CNC lathe
2. High-precision Taiwan guide rail
3. Chip conveying capacity is large and convenient, customer could choose chip conveying in the right or in the back
4. Spindle unit has two types, the heavy cutting type and the high speed type. The second type is suitable for the high speed and high precision processing.
5. Screw pre-stretching structure
6. Gang type toolas standard
7. Optional turret



| Specifications                   | Unit    | DH32i          | DCK6340        | DCK6340S       | DCK6350        |
|----------------------------------|---------|----------------|----------------|----------------|----------------|
| Max. swing dia. over bed         | mm      | 320            | 400            | 400            | 520            |
| Max. swing dia. over slide       | mm      | 70             | 140            | 140            | 220            |
| Max. processing length           | mm      | 280            |                |                |                |
| Max. bar capacity                | mm      | 39             | 39/44          | 39/44          | 44/54          |
| Max. processing diameter (plate) | mm      | 320            | 400            | 400            | 500            |
| Spindle nose                     | GB59001 | A2-5           | A2-5           | A2-5           | A2-6           |
| spindle bore                     | φ/mm    | 48             | 48/56          | 48/56          | 66             |
| Spindle speed                    | r/min   | 50-4000        | 50-3500        | 50-3500        | 50-3000        |
| Spindle shift mode               |         |                |                |                |                |
| Spindle motor power              | KW      | 3.7            | 5.5            | 5.5            | 7.5            |
| Chuck type                       |         |                |                |                |                |
| Chuck size                       | Inch    | 6              | 6/8            | 6/8            | 10             |
| X axis rapid traverse            | m/min   | 24             | 24             | 24             | 24             |
| Z axis rapid traverse            | m/min   | 24             | 24             | 24             | 24             |
| X axis servo motor torque        | N.m     | 4              | 6              | 6              | 7.5            |
| Z axis servo motor torque        | N.m     | 4              | 6              | 6              | 7.5            |
| X axis travel                    | mm      | 280            | 400            | 400            | 500            |
| Z axis travel                    | mm      | 330            | 300            | 400            | 500            |
| Guide way type                   |         |                |                |                |                |
| Tool post type                   |         |                |                |                |                |
| Tool shank size                  | mm      | 20x20/Ø25      | 20x20/Ø25      | 20x20/Ø25      | 25x25/Ø32      |
| Total rated power                | KW      | 6              | 10             | 12             | 13             |
| Total rated current              | A       | 13             | 21             | 26             | 28             |
| Net weight                       | kg      | 1400           | 2300           | 2600           | 3000           |
| Machine dimension(LxWxH)         | (mm)    | 1620×1420×1700 | 2200×1530×1780 | 2390×1530×1780 | 2500×1620×1890 |

#### Usage

This machine is mainly used for processing various shaft, disk parts, turning can be all kinds of screw thread, arc, cone and plane of internal and external surface, can satisfy the ferrous and nonferrous metals the speed requirement of high-speed chip. Suitable for cars, motorcycles, electronics, aerospace, military industry and other industries to high efficiency, large quantity and high precision of parts processing. Machining precision can reach level IT6.



## DCK36A / DCK46A / DCK50A

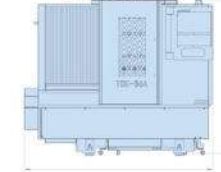
### CNC Lathe Machine



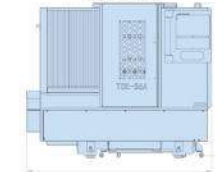
#### Features

1. Higher accuracy Taiwan linear guideways
2. Higher speed spindle unit
3. Higher rigidity castings
4. Integrated automatic lubrication
5. One-piece casting bed and slant bed
6. Optional power turret

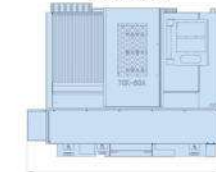
DCK36A



DCK46A



DCK50A



| Specifications                   | Unit    | DCK36A         | DCK46A         | DCK50A                        |
|----------------------------------|---------|----------------|----------------|-------------------------------|
| Max. swing dia. over bed         | mm      | 360            | 460            | 560                           |
| Max. swing dia. over slide       | mm      | 140            | 260            | 300                           |
| Max. work piece length           | mm      | 300            | 350            | 350/500/800/1250              |
| Max. bar capacity                | mm      | 38/44          | 44             | 55/75                         |
| Max. processing diameter (plate) | mm      | 360            | 440/360        | 440/360                       |
| Spindle nose                     | GB59001 | A2-5           | A2-5           | A2-6/8                        |
| spindle bore                     | φ/mm    | 48/56          | 56             | 66/66/86                      |
| Spindle speed                    | r/min   | 50-4000        | 50-3500        | 0-3000                        |
| Spindle shift mode               |         |                |                |                               |
| Spindle motor power              | KW      | 5.5            | 7.5            | 11/11/15                      |
| Chuck type                       |         |                |                |                               |
| Chuck size                       | Inch    | 6              | 8              | 10                            |
| X axis rapid traverse            | m/min   | 24             | 24             | 24                            |
| Z axis rapid traverse            | m/min   | 24             | 24             | 24                            |
| X axis servo motor torque        | N.m     | 6              | 7.5            | 10/15                         |
| Z axis servo motor torque        | N.m     | 6              | 7.5            | 10/15                         |
| X axis travel                    | mm      | 185            | 240            | 240                           |
| Z axis travel                    | mm      | 350            | 400            | 400/540/860/1300              |
| Guide way type                   |         |                |                |                               |
| turret type                      |         |                |                |                               |
| tool shank size                  | mm      | 20X20/Ø25      | 25x25/Ø32      | 25X25/Ø32                     |
| Tail stock type                  |         |                |                |                               |
| Tail stock quill dia             | φ/mm    | 65             | 70             | 70/90                         |
| Tail stock quill travel          | mm      | 60             | 80             | 80                            |
| Tail stock quill taper           |         | MT4#           | MT5#           | MT5#                          |
| Total rated power                | KW      | 9              | 11             | 14/18                         |
| Total rated current              | A       | 19             | 23             | 30                            |
| Net weight                       | kg      | 2500           | 3000           | 3200/3600/4500/5200           |
| Machine dimension(L×W×H)         | (mm)    | 2200×1636×1850 | 2500×1950×1950 | 2600/2700/3300/3750×2000×2000 |

#### Usage

The machine is suitable to process all kinds of small and middle-sized shaft and plate work piece, and could also turn various threads, circle arc, circular cone, inside and outside surface of revolved body. This machine is widely used in sanitary, valve, electrical appliance, instrument, automobile, motorcycle, bearings and so on.

## EDM Drilling Machine



### Features

1. Fast processing speed and low consumption.
2. Auto deep control for blind hole
3. Can drill on oblique and curved surface directly
4. Can use city water as coolant, low cost and no pollution (Pure water is better)

| Model                                       | 703.30   | 703.40         | 703.50         | 703.63         | 703.80         |
|---|--|----------------|----------------|----------------|----------------|
| Working table size (mm)                     | 320×440  | 540×780        | 650×1000       | 750×1100       | 980×1350       |
| Stroke X/Y (mm)                             | 300×400  | 400×500        | 500×630        | 630×800        | 800×1000       |
| Electrode diameter (mm)                     | Φ0.2-Φ3.0  | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      |
| Working stroke Z axis (mm)                  | 300  | 300            | 400            | 500            | 500            |
| Spindle stroke W axis (mm)                  | 300  | 400            | 500            | 500            | 500            |
| Distance between working table & guider(mm) | 300  | 350            | 400            | 500            | 500            |
| Power (V/Hz)                                | single phase 220V 3 Phase 220 230 380 415V /50, 60HZ |                |                |                |                |
| Max. working current (A)                    | 30   | 30             | 30             | 30             | 30             |
| Capacity of working fluid (L)               | 25   | 25             | 25             | 25             | 25             |
| Max.pressure of working fluid (MPa)         | 7  | 7              | 7              | 7              | 7              |
| Dimension (L×W×H) (mm)                      | 1060×750×1700  | 1600×1300×1800 | 1800×1500×1900 | 2100×1700×2000 | 2400×1900×2000 |
| Weight (kg)                                 | 600  | 1100           | 1600           | 2200           | 2800           |

## EDM Drilling Machine



### Features

1. Steel water protection cover
2. Swivel lever for operating panel
3. Can drill on oblique and curved surface directly
4. Can use city water as coolant, low cost and no pollution (Pure water is better)

| Model                                       | 703.30A                           | 703.40A        | 703.50A        | 703.63A        | 703.80A        |
|---|-----------------------------------|----------------|----------------|----------------|----------------|
| Working table size(mm)                      | 360×480                           | 540×780        | 650x1000       | 750×1100       | 980×1350       |
| Stroke X-Y(mm)                              | 300×400                           | 400×500        | 500x630        | 630×800        | 800×1000       |
| Electrode material                          | Copper / Brass tube               |                |                |                |                |
| Electrode diameter(mm)                      | Φ0.2-Φ3.0                         | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      |
| Working stroke Z axis (mm)                  | 300                               | 300            | 500            | 500            | 500            |
| Spindle stroke W axis(mm)                   | 300                               | 400            | 600            | 500            | 500            |
| Spindle rotating speed(mm/min)              | 20-120                            | 20-120         | 20-120         | 500            | 500            |
| Distance between working table & guider(mm) | 300                               | 350            | 500            | 500            | 500            |
| Max. drilling speed (mm/min)                | 30-60                             |                |                |                |                |
| Max. working current (A)                    | 30                                |                |                |                |                |
| Max. consumption power (KVA)                | 3.5                               |                |                |                |                |
| Power(V/Hz)                                 | 3 Ph, 220V / 380V / 415V, 50/60Hz |                |                |                |                |
| Capacity of water tank(L)                   | 25                                |                |                |                |                |
| Max.pressure of working fluid(MPa)          | 7.0                               |                |                |                |                |
| Dimension(L×W×H)(mm)                        | 1060×750×1700                     | 1600×1300×1800 | 1950×1500×2100 | 2100×1700×2000 | 2400×1900×2000 |
| Weight(kg)                                  | 650                               | 1400           | 1800           | 2400           | 3000           |



## CNC EDM Machine



### Features

- Adaptive discharge machining process.
- High speed lifting and lifting tool height control.
- Spindle fixed point control, discharge gap detection.
- Groove oil level control.
- Fire-proof control, Automatic alarm device.
- Carbon deposit prevention function.
- Automatic measurement.
- Precise edge and plane machining
- Finish the servo system of.
- X Y Z, Panasonic AC servo motor.
- X Y Z, resolution 0.4um, Minimum drive unit 1um.
- Stainless steel edge for wear resistant.

| Model  |             | 540  | 650          | 850           | 1060          |
|--|-------------|--|--------------|---------------|---------------|
| Work table size (length×width) (mm)              |             | 850×450  | 900×550      | 1150×650      | 1250×800      |
| X/Y/Z travel                                     | X-axis (mm) | 500  | 650          | 800           | 1000          |
|  | Y-axis (mm) | 400  | 500          | 500           | 600           |
|  | Z-axis (mm) | 300  | 350          | 400           | 450           |
| Oil groove inside size (mm)                      |             | 1350×860×500   | 1650×900×500 | 1800×1150×600 | 2000×1300×700 |
| Maximum load of electrode (kg)                   |             | 50   | 100          | 120           | 150           |
| Max.load on table (kg)                           |             | 800  | 2000         | 3000          | 3500          |
| Distance from electrode plate to work table (mm) |             | 690-990  | 460-750      | 480-880       | 550-1000      |
| Max. Processing speed (mm <sup>3</sup> /min)     |             | ≥500mm <sup>3</sup> /min (graphite-stell); ≥400mm <sup>3</sup> /min (Cu-steel) |              |               |               |
| Min. electrode consumption                       |             | ≤0.1%  | ≤0.1%        | ≤0.1%         | ≤0.1%         |
| Best Roughness (Ra)                              |             | Ra 0.1-0.2   |              |               |               |
| Maximum working current (A)                      |             | 50   | 50           | 50            | 50            |
| Total input power (KVA)                          |             | 10   | 10           | 10            | 10            |
| Input power (V)                                  |             | 220/380/415  | 220/380/415  | 220/380/415   | 220/380/415   |

## CNC EDM Machine



### Features

- XYZ all linear rail to support heavy load and move quickly to ensure precise positioning.
- Marble working table with stainless bracket, no rust.
- Drilling diameter from 0.2mm to 3mm. The maximum depth ratio could be 300:1.
- Capable of drilling all kinds of conductive material, and drill on all kinds shape, such as oblique and curved surface.
- Special program for carbide such as tungsten, fast processing speed and low consumption.

| Model                               | 450                                   | 630            | 800            | 450A           |
|-------------------------------------|---------------------------------------|----------------|----------------|----------------|
| Working table size(mm)              | 600*420                               | 800*550        | 1100*720       | 500*400        |
| Max. load on working table ( kg)    | 300                                   | 500            | 800            | 200            |
| Stroke X/Y ( mm)                    | 450*350                               | 630*450        | 800*630        | 450*350        |
| Servo stroke Z (mm)                 | 300                                   | 350            | 400            | 300            |
| Spindle stroke W ( mm)              | 300                                   | 350            | 400            | 300            |
| Electrode diameter ( mm)            | Φ0.2-Φ3.0                             | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      | Φ0.2-Φ3.0      |
| Positioning Accuracy (mm)           | ±0.01                                 |                |                |                |
| Repeated Position Accuracy (mm)     | ±0.005                                |                |                |                |
| Max. drilling speed                 | 30-60mm/min                           |                |                |                |
| Spindle speed(rpm)                  | 120                                   |                |                |                |
| Distance to guider(mm)              | 350                                   | 450            | 500            | 350            |
| Max. working current ( A)           | 30                                    | 30             | 30             | 30             |
| Voltage (V/Hz)                      | 220/230, 380, 415V / 50-60Hz, 3 Phase |                |                |                |
| Capacity of working fluid ( L)      | 60                                    | 60             | 60             | 60             |
| Max.pressure of working fluid (MPa) | 8                                     | 8              | 8              | 8              |
| Dimension (L×W×H) (mm)              | 1600×1200×2100                        | 1800×1400×2100 | 2100*1700*2200 | 1300×1200×2000 |
| Weight (kg)                         | 1000                                  | 1500           | 2200           | 700            |

## Drilling and Tapping Machine



The electric servo cantilever drilling and tapping machine is suitable for drilling and tapping various machines, molds, and auto parts. The whole machine adopts the suspended manipulator mode, which realizes the integrated interchange of drilling and tapping, which is flexible and convenient. The operation interface adopts touch-screen operation to make drilling and tapping easier and more convenient, which can be operated by any general worker. This machine adopts cantilever drilling and tapping integration, which is fast and convenient, replacing the existing drilling and tapping products in the market.

### Technical Parameters

|                |          |
|----------------|----------|
| Model          | MR 16A   |
| Drilling Range | Φ3-Φ16   |
| Tapping Range  | M5-M20   |
| Collect Qty.   | 7        |
| Working type   | Vertical |
| Working depth  | 80(mm)   |
| Working height | 400(mm)  |
| Collet         | M5-M20   |
| Working radius | 850mm    |
| Max. Speed     | 315rpm   |
| Point angle    | no       |
| Voltage        | 220V     |
| Power          | 1000W    |
| Weight         | 270KG    |

## Electric Tapping Machine



The machine adopts servo drive control, with intelligent torque protection, instead of the traditional lathe, drilling machine or manual tapping limitations. Advances mechanical design, a variety of processes using mold castings, the overall rigidity is strong, durable, non-deformation, beautiful appearance. The high definition touch screen is simple and flexible. It can realize the vertical and horizontal work of complex and heavy workpiece, locate quickly and process accurately. Stepless speed change, manual, automatic, linkage three modes of work, whatever you choose. Automatic mode can effectively control the depth of tapping, without the operation button, automatic control by depth controller. Repeated positioning fast, tapping speed, high production efficiency

### Technical Parameters

| ITEM        | MR-DS16                              | MR-DS24                                    | MR-DS30   | MR-DS36   |
|-------------|--------------------------------------|--|---|---|
| Voltage     | 220V/50HZ                            | 220V/50HZ                                  | 220V/50HZ                                       | 220V/50HZ   |
| Motor Power | 600W                                 | 1200W                                      | 1200W   | 1200W   |
| Speed       | 0-312rpm                             | 0-200rpm                                   | 0-180rpm  | 0-140rpm  |
| Tap Range   | M3-M16                               | M6-M24                                     | M6-M30  | M6-M36  |
| ISO COLLET  | M3, M4, M5, M6-8, M10, M12, M14, M16 | M6-8, M10, M12, M14, M16, M18-20, M22, M24 | M6-8, M10, M12, M14, M16, M18-20, M22, M24, M30 | M6-8, M10, M12, M14, M16, M18-20, M22, M24, M30, M33, M36 |
| WEIGHT      | 27KG                                 | 44KG                                       | 45KG  | 50KG  |

## Bench Drilling Machine



### Standard Accessories

- Drill chuck
- Taper sleeve (only MT3 spindle)
- Arbor(only taper hole spindle)
- Drift(only taper hole spindle)
- Wrench

### Technical Parameters

| Model   | DBD4113                      | DBD4125                      | DBD4132                       |
|---|------------------------------|------------------------------|-------------------------------|
| Max. Drilling capacity(mm)                    | 13                           | 25                           | 31.5                          |
| Diameter of column(mm)                        | 70                           | 85                           | 85                            |
| Spindle travel(mm)                            | 85                           | 110                          | 110                           |
| Distance spindle axis to generating line (mm) | 180                          | 200                          | 200                           |
| Max distance spindle nose to worktable(mm)    | 390                          | 480                          | 480                           |
| Max. Distance spindle nose to base(mm)        | 570                          | 670                          | 670                           |
| Spindle taper(mm)                             | B16                          | Mt3                          | Mt3                           |
| Spindle speeds range(r/min)                   | 450-2650                     | 200-2280                     | 150-2270                      |
| Spindle speeds series(r/min)                  | 4                            | 9                            | 12                            |
| Dimension of worktable surface(mm)            | 240X240 or<br>Φ300(Optional) | 280x280 or<br>Φ360(Optional) | 280x280 or Φ360<br>(Optional) |
| Dimension of base(mm)                         | 445x270                      | 566x356                      | 566x356                       |
| Overall height(mm)                            | 960                          | 1110                         | 1110                          |
| Motor(W)                                      | 370                          | 750                          | 750                           |
| G.W/N.W(kg)                                   | 68/65                        | 105/98                       | 105/98                        |
| Packing size(cm)                              | 91x51.5x27                   | 108x77x34                    | 108x77x34                     |

## Magnetic Drilling Machine (Multi - Functional)



BJ-2800E      BJ-3800E      BJ-6800E      BJ-7800E      BJ-9800E      BJ-1280E

### Technical Parameters

| MODEL    | MAX. DRILLING CAPACITY | MAX. ANNULAR CUTTING CAPACITY | MAX. TAPPING CAPACITY | RATED INPUT POWER | MAGNETIC ADHESION | NO-LOAD SPEED | SOFT START | OVERLOAD PROTECTION | STEPLESS SPEED CONTROL | REVERSIBLE | Tool Holder       |
|----------|------------------------|-------------------------------|-----------------------|-------------------|-------------------|---------------|------------|---------------------|------------------------|------------|-------------------|
| BJ-2800E | ○                      | 28mm                          | ○                     | 1480 W            | 13000 N           | 0-680 RPM     | ●          | ●                   | ●                      | ○          | Weldon Shank 3/4" |
| BJ-3800E | ○                      | 38mm                          | ○                     | 1620 W            | 14500 N           | 0-650 RPM     | ●          | ●                   | ●                      | ○          | Weldon Shank 3/4" |
| BJ-6800E | 23mm                   | 68mm                          | ○                     | 1720 W            | 15800 N           | 0-580 RPM     | ●          | ●                   | ●                      | ○          | 2 # Morse         |
| BJ-7800E | 23mm                   | 78mm                          | ○                     | 1880 W            | 16500 N           | 0-550 RPM     | ●          | ●                   | ●                      | ○          | 2 # Morse         |
| BJ-9800E | 28mm                   | 98mm                          | ○                     | 2080 W            | 16800 N           | 0-520 RPM     | ●          | ●                   | ●                      | ○          | 3 # Morse         |
| BJ-1280E | 28mm                   | 128mm                         | ○                     | 2180 W            | 17000 N           | 0-500 RPM     | ●          | ●                   | ●                      | ○          | 3 # Morse         |

### Ordering Information

| Catalog No. | Model No. | Description                  | N.W(kg) |
|-------------|-----------|------------------------------|---------|
| 1535710     | BJ-2800E  | Magnetic Drill, 110V/50-60Hz | 11.8    |
| 1544511     | BJ-3800E  | Magnetic Drill, 110V/50-60Hz | 11.8    |
| 1535810     | BJ-6800E  | Magnetic Drill, 110V/50-60Hz | 22      |
| 1535910     | BJ-7800E  | Magnetic Drill, 110V/50-60Hz | 22      |
| 1536010     | BJ-9800E  | Magnetic Drill, 110V/50-60Hz | 24      |
| 1536110     | BJ-1280E  | Magnetic Drill, 110V/50-60Hz | 24      |

| Catalog No. | Model No. | Description                  | N.W(kg) |
|-------------|-----------|------------------------------|---------|
| 1535711     | BJ-2800E  | Magnetic Drill, 220V/50-60Hz | 11.8    |
| 1544510     | BJ-3800E  | Magnetic Drill, 220V/50-60Hz | 11.8    |
| 1535811     | BJ-6800E  | Magnetic Drill, 220V/50-60Hz | 22      |
| 1535911     | BJ-7800E  | Magnetic Drill, 220V/50-60Hz | 22      |
| 1536011     | BJ-9800E  | Magnetic Drill, 220V/50-60Hz | 24      |
| 1536111     | BJ-1280E  | Magnetic Drill, 220V/50-60Hz | 24      |



Handle      Carbon brush      Instructions      Safety rope      Fuse      Center pin      Wrench      Iron      MT2 adapter      Support block      Water bottle

## Vertical Drilling Machine

### DVD5032/ DVD5040/ DVD5045 Vertical Drilling Machine



| SPECIFICATIONS                                      |          | DVD5032       | DVD5040       | DVD5045       |
|---|----------|---------------|---------------|---------------|
| Max.drilling dia.                                   | mm       | 32            | 40            | 45            |
| Spindle taper                                       | -        | MT3/R8        | MT4           | MT4           |
| Spindle travel                                      | mm       | 130           | 130           | 130           |
| Spindle speed steps                                 | -        | 6             | 6             | 6             |
| Spindle speed range                                 | 50Hz rpm | 80-1250       | 80-1250       | 80-1250       |
|   | 60Hz rpm | 95-1500       | 95-1500       | 95-1500       |
| Distance between spindle nose and table surface     | mm       | 725           | 725           | 725           |
| Distance between spindle nose and stand table       | mm       | 1125          | 1125          | 1125          |
| Distance from spindle axis to column surface        | mm       | 283           | 283           | 283           |
| Spindle box travel                                  | mm       | 250           | 250           | 250           |
| Spindle box swivel angle (horizontal/perpendicular) | -        | 360°/±90°     | 360°/±90°     | 360°/±90°     |
| Table size  | mm       | 380*300       | 380*300       | 380*300       |
| Table vertical travel                               | mm       | 600           | 600           | 600           |
| Swivel angle of table horizontal                    | -        | 360°          | 360°          | 360°          |
| Table tilt angle                                    | -        | ±45°          | ±45°          | ±45°          |
| Stand table size                                    | mm       | 417*416       | 417*416       | 417*416       |
| Main motor power                                    | kw       | 0.75(1HP)     | 1.1(1.5HP)    | 1.5(2HP)      |
| Main motor speed                                    | rpm      | 1400          | 1400          | 1400          |
| Machine weight                                      | kg       | 470           | 480           | 490           |
| Overall dimension                                   | mm       | 1000*750*1850 | 1000*750*1850 | 1000*750*1850 |

### DVD5032C/ DVD5040C/ DVD5045C Vertical Drilling Machine

| SPECIFICATIONS                                      |          | Units | DVD5032C      | DVD5040C      | DVD5045C      |
|---|----------|-------|---------------|---------------|---------------|
| Max.drilling dia.                                   | mm       |       | 32            | 40            | 45            |
| Spindle taper                                       | -        |       | MT3/R8        | MT4           | MT4           |
| Spindle travel                                      | mm       |       | 130           | 130           | 130           |
| Spindle speed steps                                 | -        |       | 6             | 6             | 6             |
| Spindle speed range                                 | 50Hz rpm |       | 80-1250       | 80-1250       | 80-1250       |
|   | 60Hz rpm |       | 95-1500       | 95-1500       | 95-1500       |
| Distance between spindle nose and table surface     | mm       |       | 700           | 700           | 700           |
| Distance between spindle nose and stand table       | mm       |       | 1125          | 1125          | 1125          |
| Distance from spindle axis to column surface        | mm       |       | 283           | 283           | 283           |
| Spindle box travel                                  | mm       |       | 250           | 250           | 250           |
| Spindle box swivel angle (horizontal/perpendicular) | -        |       | 360°/±90°     | 360°/±90°     | 360°/±90°     |
| Table size  | mm       |       | 730*210       | 730*210       | 730*210       |
| Table travel(X/Y)                                   | mm       |       | 500*205       | 500*205       | 500*205       |
| Table vertical travel                               | mm       |       | 570           | 570           | 570           |
| Stand table size                                    | mm       |       | 417*416       | 417*416       | 417*416       |
| Main motor power                                    | kw       |       | 0.75          | 1.1           | 1.5           |
| Main motor speed                                    | rpm      |       | 1400          | 1400          | 1400          |
| Machine weight                                      | kg       |       | 510           | 520           | 530           |
| Overall dimension                                   | mm       |       | 1000*950*1850 | 1000*950*1850 | 1000*950*1850 |



### DVD5032/1 / DVD5040/1 / DVD5045/1 Vertical Drilling Machine



| SPECIFICATIONS                                  |          | Units | DVD5032/1     | DVD5040/1     | DVD5045/1     |
|---|----------|-------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm       |       | 32            | 40            | 45            |
| Spindle taper                                   | -        |       | MT3/R8        | MT4           | MT4           |
| Spindle travel                                  | mm       |       | 130           | 130           | 130           |
| Spindle speed steps                             | -        |       | 6             | 6             | 6             |
| Spindle speed range                             | 50Hz rpm |       | 80-1250       | 80-1250       | 80-1250       |
|   | 60Hz rpm |       | 95-1500       | 95-1500       | 95-1500       |
| Spindle feed steps                              | -        |       | 6             | 6             | 6             |
| Spindle feed range                              | mm/r     |       | 0.06-0.30     | 0.06-0.30     | 0.06-0.30     |
| Distance between spindle nose and table surface | mm       |       | 725           | 725           | 725           |
| Distance between spindle nose and stand table   | mm       |       | 1125          | 1125          | 1125          |
| Distance from spindle axis to column surface    | mm       |       | 290           | 290           | 290           |
| Spindle box travel                              | mm       |       | 250           | 250           | 250           |
| Spindle box swivel angle (horizontal)           | -        |       | 360°          | 360°          | 360°          |
| Table size                                      | mm       |       | 380*300       | 380*300       | 380*300       |
| Table vertical travel                           | mm       |       | 600           | 600           | 600           |
| Swivel angle of table horizontal                | -        |       | 360°          | 360°          | 360°          |
| Table tilt angle                                | -        |       | ±45°          | ±45°          | ±45°          |
| Stand table size                                | mm       |       | 417*416       | 417*416       | 417*416       |
| Main motor power                                | kw       |       | 0.75(1HP)     | 1.1(1.5HP)    | 1.5(2HP)      |
| Main motor speed                                | rpm      |       | 1400          | 1400          | 1400          |
| Machine weight                                  | kg       |       | 480           | 490           | 500           |
| Overall dimension                               | mm       |       | 1000*750*1850 | 1000*750*1850 | 1000*750*1850 |

### DVD5032C/1 / DVD5040C/1 / DVD5045C/1 Vertical Drilling Machine

| SPECIFICATIONS                                      |          | Units | DVD5032C/1    | DVD5040C/1    | DVD5045C/1    |
|---|----------|-------|---------------|---------------|---------------|
| Max.drilling dia.                                   | mm       |       | 32            | 40            | 45            |
| Spindle taper                                       | -        |       | MT3/R8        | MT4           | MT4           |
| Spindle travel                                      | mm       |       | 130           | 130           | 130           |
| Spindle speed steps                                 | -        |       | 6             | 6             | 6             |
| Spindle speed range                                 | 50Hz rpm |       | 80-1250       | 80-1250       | 80-1250       |
|   | 60Hz rpm |       | 95-1500       | 95-1500       | 95-1500       |
| Spindle feed steps                                  | -        |       | 6             | 6             | 6             |
| Spindle feed range                                  | mm/r     |       | 0.06-0.30     | 0.06-0.30     | 0.06-0.30     |
| Distance between spindle nose and table surface     | mm       |       | 700           | 700           | 700           |
| Distance between spindle nose and stand table       | mm       |       | 1125          | 1125          | 1125          |
| Distance from spindle axis to column surface        | mm       |       | 290           | 290           | 290           |
| Spindle box travel                                  | mm       |       | 250           | 250           | 250           |
| Spindle box swivel angle (horizontal/perpendicular) | -        |       | 360°/±90°     | 360°/±90°     | 360°/±90°     |
| Table size  | mm       |       | 730*210       | 730*210       | 730*210       |
| Table travel(X/Y)                                   | mm       |       | 500*205       | 500*205       | 500*205       |
| Table vertical travel                               | mm       |       | 570           | 570           | 570           |
| Stand table size                                    | mm       |       | 417*416       | 417*416       | 417*416       |
| Main motor power                                    | kw       |       | 0.75          | 1.1           | 1.5           |
| Main motor speed                                    | rpm      |       | 1400          | 1400          | 1400          |
| Machine weight                                      | kg       |       | 520           | 530           | 540           |
| Overall dimension                                   | mm       |       | 1000*950*1850 | 1000*950*1850 | 1000*950*1850 |



## Vertical Drilling Machine

**DVD5025 / DVD5025B /  
DVD5030A / DVD5035A**

Vertical Drilling Machine



| SPECIFICATIONS                                  | Units | DVD5025B     | DVD5025      | DVD5030A     | DVD5035A     |
|---|-------|--------------|--------------|--------------|--------------|
| Max.drilling dia.                               | mm    | 25           | 25           | 30           | 35           |
| Diameter of column                              | mm    | 100          | 100          | 120          | 140          |
| Spindle travel                                  | mm    | 150          | 150          | 135          | 160          |
| Distance between spindle nose and table surface | mm    | -            | 630          | 550          | 590          |
| Distance between spindle nose and stand table   | mm    | 550          | 1670         | 1100         | 1150         |
| Distance from spindle axis to column surface    | mm    | 225          | 225          | 320          | 330          |
| Spindle taper                                   | -     | MT3          | MT3          | MT4          | MT4          |
| Spindle speed range                             | rpm   | 100-2900     | 100-2900     | 125-3030     | 125-3030     |
| Spindle speeds steps                            | -     | 8            | 8            | 12           | 12           |
| Spindle feed                                    | mm/r  | 0.07-0.40    | 0.07-0.40    | 0.1-0.3      | 0.1-0.3      |
| Spindle feed steps                              | -     | 4            | 4            | 3            | 3            |
| Table size                                      | mm    | -            | 440          | 500*420      | 500*440      |
| Table travel                                    | mm    | -            | 560          | 520          | 560          |
| Stand table size                                | mm    | 690*500      | 690*500      | 645*455      | 645*455      |
| Main motor power                                | kw    | 0.75/1.1     | 0.75/1.1     | 1.1/1.5      | 1.1/1.5      |
| Coolant motor power                             | w     | 40           | 40           | 40           | 40           |
| Machine weight                                  | kg    | 235          | 300          | 410          | 430          |
| Overall dimension                               | mm    | 780*520*1170 | 700*560*1820 | 875*510*2100 | 875*510*2150 |

**DVD5040A / DVD5050A**

Vertical Drilling Machine



| SPECIFICATIONS                                  | Units | DVD5040A     | DVD5050A      |
|---|-------|--------------|---------------|
| Max.drilling dia.                               | mm    | 40           | 50            |
| Diameter of column                              | mm    | 160          | 180           |
| Spindle travel                                  | mm    | 200          | 240           |
| Distance between spindle nose and table surface | mm    | 590          | 570           |
| Distance between spindle nose and stand table   | mm    | 1175         | 1160          |
| Distance from spindle axis to column surface    | mm    | 360          | 360           |
| Spindle taper                                   | -     | MT4          | MT4/MT5       |
| Spindle speed range                             | rpm   | 52-1400      | 42-2050       |
| Spindle speeds steps                            | -     | 12           | 12            |
| Spindle feed                                    | mm/r  | 0.1-0.4      | 0.07-0.4      |
| Spindle feed steps                              | -     | 3            | 4             |
| Table size                                      | mm    | 580*460      | 550*470       |
| Table travel                                    | mm    | 585          | 550           |
| Stand table size                                | mm    | 730*500      | 450*440       |
| Main motor power                                | kw    | 2.2          | 2.2/2.8       |
| Coolant motor power                             | w     | 40           | 40            |
| Machine weight                                  | kg    | 650          | 1045          |
| Overall dimension                               | mm    | 940*680*2405 | 1080*620*2450 |

## Vertical Drilling Machine

DVD5125 / DVD5132 /  
DVD5140B / DVD5150B

Vertical Drilling Machine



| SPECIFICATIONS                                  | Units | DVD5125      | DVD5132      | DVD5140B      | DVD5150B      |
|---|-------|--------------|--------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 25           | 32           | 40            | 50            |
| Max.feed resistance                             | N     | 9000         | 12000        | 16000         | 16000         |
| Max. allowable torque                           | N.m   | 160          | 200          | 350           | 350           |
| Spindle taper                                   | -     | MT3          | MT4          | MT4           | MT5           |
| Spindle travel                                  | mm    | 200          | 200          | 250           | 250           |
| Distance between spindle nose and table surface | mm    | 710          | 710          | 750           | 750           |
| Distance from spindle axis to column surface    | mm    | 280          | 280          | 350           | 350           |
| Spindle box travel                              | mm    | 200          | 200          | 200           | 200           |
| Spindle speed range                             | rpm   | 50-2000      | 50-2000      | 31.5-1400     | 31.5-1400     |
| Spindle speeds steps                            | step  | 9            | 9            | 12            | 12            |
| Spindle feed range                              | mm/r  | 0.056-1.8    | 0.056-1.8    | 0.056-1.8     | 0.056-1.8     |
| Spindle feed steps                              | step  | 9            | 9            | 9             | 9             |
| Table size                                      | mm    | 550*400      | 550*400      | 560*480       | 560*480       |
| Table travel                                    | mm    | 310          | 310          | 300           | 300           |
| Main motor power                                | kw    | 2.2          | 2.2          | 3             | 3             |
| Coolant motor power                             | kw    | 0.09         | 0.09         | 0.09          | 0.09          |
| Machine weight                                  | kg    | 1100         | 1150         | 1300          | 1350          |
| Overall dimension                               | mm    | 980*807*2302 | 980*807*2302 | 1090*900*2530 | 1090*900*2530 |

DVD5140B/1 / DVD5150B/1 /  
DVD5163 / DVD51100

Vertical Drilling Machine



| SPECIFICATIONS                                  | Units | DVD5140B/1    | DVD5150B/1    | DVD5163       | DVD5180       | DVD51100      |
|---|-------|---------------|---------------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 40            | 50            | 63            | 80            | 100           |
| Max.feed resistance                             | N     | 16000         | 16000         | 30000         | 30000         | 45000         |
| Max. allowable torque                           | N.m   | 350           | 350           | 800           | 1000          | 1150          |
| Spindle taper                                   | -     | MT4           | MT5           | MT5           | MT6           | MT6           |
| Spindle travel                                  | mm    | 250           | 250           | 250           | 250           | 310           |
| Distance between spindle nose and table surface | mm    | 750           | 750           | 800           | 800           | 850           |
| Distance from spindle axis to column surface    | mm    | 335           | 335           | 375           | 375           | 480           |
| Spindle box travel                              | mm    | 200           | 200           | 250           | 250           | 200           |
| Spindle speed range                             | rpm   | 31.5-1400     | 31.5-1400     | 40-570        | 40-570        | 26-320        |
| Spindle speeds steps                            | step  | 12            | 12            | 9             | 9             | 6             |
| Spindle feed range                              | mm/r  | 0.056-1.8     | 0.056-1.8     | 0.1-0.78      | 0.1-0.78      | 0.096-0.717   |
| Spindle feed steps                              | step  | 9             | 9             | 6             | 6             | 6             |
| Table size                                      | mm    | 800*320       | 800*320       | 650*550       | 650*550       | 760*650       |
| Table travel(X/Y)                               | mm    | 440/300       | 440/300       | -             | -             | -             |
| Table vertical travel                           | mm    | 300           | 300           | 300           | 300           | 300           |
| Main motor power                                | kw    | 3             | 3             | 5.5           | 5.5           | 7.5           |
| Coolant motor power                             | kw    | 0.09          | 0.09          | 0.09          | 0.09          | 0.09          |
| Machine weight                                  | kg    | 1300          | 1350          | 2500          | 2600          | 3500          |
| Overall dimension                               | mm    | 1090*905*2530 | 1090*905*2530 | 1455*965*2790 | 1455*965*2790 | 1465*970*3170 |

## Radial Drilling Machine (Mechanical Clamping)



### DRM3132 / DRM3732

Universal Radial Drilling Machine

| SPECIFICATIONS                                  | Units | DRM3132       | DRM3732       |
|---|-------|---------------|---------------|
| Max.drilling dia.                               | mm    | 32            | 32            |
| Distance between spindle nose and table surface | mm    | 25-870        | 25-870        |
| Distance from spindle axis to column surface    | mm    | 315-815       | 315-815       |
| Spindle travel                                  | mm    | 130           | 130           |
| Spindle taper                                   | -     | MT3/MT4       | MT3/MT4       |
| Spindle speed range                             | rpm   | 173-960       | 173-960       |
| Spindle speed steps                             | -     | 4             | 4             |
| Main motor power                                | kw    | 1.5           | 1.5           |
| Machine weight                                  | kg    | 850           | 870           |
| Overall dimension                               | mm    | 1800*700*2044 | 1800*700*2044 |

### DRM3032x7 DRM3032x7P

"P"with Collant Systems  
Radial Drilling Machine



### DRM3032x10

Radial Drilling Machine



| SPECIFICATIONS                                  | Units | DRM3022x7 / DRM3032x10         | DRM3032X10    |
|---|-------|--------------------------------|---------------|
| Max.drilling dia.                               | mm    | 32                             | 32            |
| Distance between spindle nose and table surface | mm    | 275-680                        | 330-1060      |
| Distance from spindle axis to column surface    | mm    | 300-700                        | 200-910       |
| Spindle travel                                  | mm    | 130                            | 120           |
| Spindle taper                                   | -     | MT3                            | MT4           |
| Spindle speed range                             | rpm   | 100-1600                       | 108-1000      |
| Spindle speed steps                             | -     | 8                              | 6             |
| Spindle feeding range                           | rpm   | 0.08-0.23                      | 0.10-0.25     |
| Spindle feeding steps                           | -     | 3                              | 3             |
| Main motor power                                | kw    | 0.75/1.1                       | 1.5/2.2       |
| Lifting motor power                             | kw    | -                              | 0.55          |
| Machine weight                                  | kg    | 415/540                        | 1080          |
| Overall dimension                               | mm    | 1220*620*1280<br>1270*690*1370 | 1400*660*2060 |

### DRM3040x13

Radial Drilling Machine



#### Main features

- Mechanical transmission
- Mechanical clamping
- Mechanical change speed
- Automatic feed

| SPECIFICATIONS                                  | Units | DRM3035x10    | DRM3040x10    | DRM3040X13    |
|---|-------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 35            | 40            | 40            |
| Distance between spindle nose and table surface | mm    | 300-1000      | 360-1000      | 360-1300      |
| Distance from spindle axis to column surface    | mm    | 260-1200      | 260-1200      | 260-1200      |
| Spindle travel                                  | mm    | 200           | 200           | 200           |
| Spindle speed range                             | rpm   | 75-1220       | 75-1220       | 75-1220       |
| Spindle speed steps                             | -     | 6             | 6             | 6             |
| Spindle feed range                              | -     | 0.10-0.22     | 0.10-0.22     | 0.10-0.22     |
| Spindle feed steps                              | -     | 3             | 3             | 3             |
| Main motor power                                | kw    | 2.2           | 2.2           | 2.2           |
| Machine weight                                  | kg    | 1200          | 1500          | 1700          |
| Overall dimension                               | mm    | 1500*750*2150 | 1500*750*2300 | 1800*750*2300 |

### DRM3035x10

Radial Drilling Machine



### DRM3040X10

Radial Drilling Machine



## Radial Drilling Machine (Mechanical Clamping)



**DRM3040x11**  
Radial Drilling Machine



**DRM3040x11B**  
Radial Drilling Machine

**Main features**

- Automatic tool retraction
- Strengthening spindle
- Drill fixed depth



**DRM3040x14**  
Radial Drilling Machine



**DRM3040x14B**  
Radial Drilling Machine

**Main features**

- Automatic tool retraction
- Strengthening spindle
- Drill fixed depth

**DRM3040x14 / II**  
Radial Drilling Machine

**DRM3040x11 / I**  
Radial Drilling Machine

**Main features**

- Centralized mechanical change speed



**DRM3040x11 / II**  
Radial Drilling Machine

**DRM3040x14 / I**  
Radial Drilling Machine

**Main features**

- Centralized mechanical change speed
- Hydraulic clamping column and rocker arm



**Main features**

- Electronic control column clamping

| SPECIFICATIONS                                  | Units | DRM3040x11    | DRM3040x11B   | DRM3040x11/I  | DRM3040x11/II |
|---|-------|---------------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 40            | 40            | 40            | 40            |
| Distance between spindle nose and table surface | mm    | 320-1200      | 170-1100      | 170-1100      | 220-1180      |
| Distance from spindle axis to column surface    | mm    | 330-1100      | 330-1050      | 330-1050      | 340-1150      |
| Spindle travel                                  | mm    | 200           | 250           | 260           | 270           |
| Spindle taper                                   | -     | MT4           | MT4           | MT4           | 4             |
| Spindle speed range                             | rpm   | 75-1200       | 75-1200       | 40-1896       | 40-1250       |
| Spindle speed steps                             | -     | 6             | 6             | 12            | 6             |
| Spindle feed range                              | rpm   | 0.10-0.25     | 0.10-0.25     | 0.13-0.54     | 0.10-0.25     |
| Spindle feed steps                              | -     | 3             | 3             | 4             | 3             |
| Main motor power                                | kw    | 2.2           | 2.2           | 2.2           | 2.2           |
| Lifting motor power                             | kw    | 0.75          | 0.75          | 0.75          | 0.75          |
| Machine weight                                  | kg    | 1600          | 1600          | 1600          | 1600          |
| Overall dimension                               | mm    | 1500*705*2200 | 1500*705*2200 | 1655*720*2200 | 1500*720*2200 |

| SPECIFICATIONS                                  | Units | DRM3040x14    | DRM3040x14B   | DRM3040x14/I  | DRM3040x14/II |
|---|-------|---------------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 40            | 40            | 40            | 40            |
| Distance between spindle nose and table surface | mm    | 380-1240      | 380-1280      | 280-1210      | 260-1050      |
| Distance from spindle axis to column surface    | mm    | 320-1370      | 300-1350      | 370-1370      | 360-1400      |
| Spindle travel                                  | mm    | 200           | 250           | 260           | 270           |
| Spindle taper                                   | -     | MT4           | MT4           | MT4           | MT4           |
| Spindle speed range                             | rpm   | 75-1200       | 75-1200       | 40-1896       | 40-1250       |
| Spindle speed steps                             | -     | 6             | 6             | 12            | 6             |
| Spindle feed range                              | rpm   | 0.10-0.25     | 0.10-0.25     | 0.13-0.54     | 0.10-0.25     |
| Spindle feed steps                              | -     | 3             | 3             | 4             | 3             |
| Main motor power                                | kw    | 2.2           | 2.2           | 2.2           | 2.2           |
| Lifting motor power                             | kw    | 1.5           | 1.5           | 1.5           | 1.5           |
| Machine weight                                  | kg    | 2000          | 2000          | 2000          | 2200          |
| Overall dimension                               | mm    | 1800*810*2300 | 1800*810*2300 | 2053*820*2483 | 1800*810*2200 |



## Radial Drilling Machine (Mechanical Clamping)

RADIAL DRILLING

RADIAL DRILLING

**DRM3050x11**  
Radial Drilling Machine

- Main features**
- Mechanical transmission
  - Mechanical clamping
  - Mechanical change speed
  - Automatic lifting
  - Automatic feed



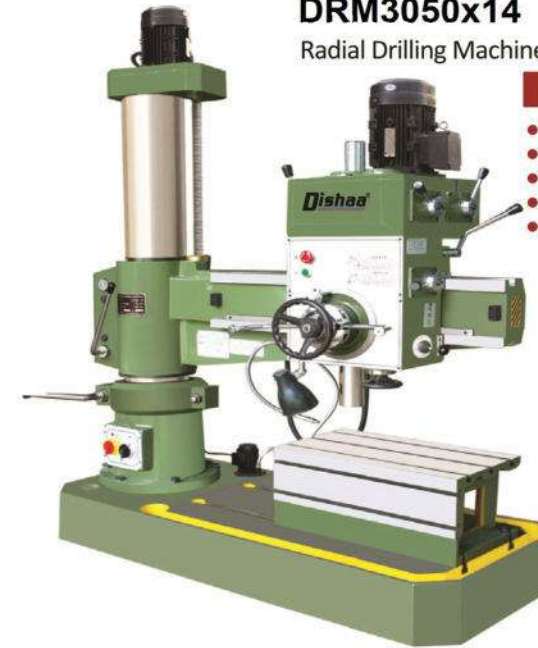
- Main features**
- Mechanical transmission
  - Mechanical clamping
  - Mechanical change speed
  - Automatic tool retraction

**DRM3050x11B**  
Radial Drilling Machine



**DRM3050x14**  
Radial Drilling Machine

- Main features**
- Mechanical transmission
  - Mechanical clamping
  - Mechanical change speed
  - Automatic feed
  - Automatic lifting



**DRM3050x14 / II**  
Radial Drilling Machine



**DRM3050x14B**  
Radial Drilling Machine

- Main features**
- Mechanical transmission
  - Mechanical clamping
  - Mechanical change speed
  - Automatic tool retraction



| SPECIFICATIONS                                  | Units | DRM3050x11    | DRM3050x11B   |
|---|-------|---------------|---------------|
| Max.drilling dia.                               | mm    | 50            | 50            |
| Distance between spindle nose and table surface | mm    | 260-1150      | 130-1050      |
| Distance from spindle axis to column surface    | mm    | 360-1050      | 370-1020      |
| Spindle travel                                  | mm    | 200           | 250           |
| Spindle taper                                   | -     | MT5           | MT5           |
| Spindle speed range                             | rpm   | 78-1100       | 35-1400       |
| Spindle speed steps                             | -     | 6             | 12            |
| Spindle feed range                              | rpm   | 0.10-0.56     | 0.054-1.723   |
| Spindle feed steps                              | -     | 6             | 9             |
| Main motor power                                | kw    | 4             | 4             |
| Lifting motor power                             | kw    | 0.75          | 0.75          |
| Machine weight                                  | kg    | 1700          | 2200          |
| Overall dimension                               | mm    | 1550*705*2250 | 1750*800*2250 |

| SPECIFICATIONS                                  | Units | DRM3050x14    | DRM3050x14B   | DRM3050x14/II |
|---|-------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 50            | 50            | 50            |
| Distance between spindle nose and table surface | mm    | 300-1200      | 225-1170      | 300-1210      |
| Distance from spindle axis to column surface    | mm    | 350-1310      | 350-1340      | 330-1310      |
| Spindle travel                                  | mm    | 200           | 250           | 200           |
| Spindle taper                                   | -     | MT5           | MT5           | MT5           |
| Spindle speed range                             | rpm   | 135-1100      | 35-1400       | 78-1100       |
| Spindle speed steps                             | -     | 6             | 12            | 6             |
| Spindle feed range                              | rpm   | 0.10-0.56     | 0.054-1.723   | 0.10-0.56     |
| Spindle feed steps                              | -     | 6             | 9             | 6             |
| Main motor power                                | kw    | 4             | 4             | 4             |
| Lifting motor power                             | kw    | 1.5           | 1.5           | 1.5           |
| Machine weight                                  | kg    | 2000          | 2400          | 2300          |
| Overall dimension                               | mm    | 1950*810*2450 | 2050*810*2450 | 2170*950*2450 |

## Radial Drilling Machine (Mechanical Clamping)

## Radial Drilling Machine (Hydraulic Clamping)

RADIAL DRILLING

RADIAL DRILLING



**DRH3050x16**  
Radial Drilling Machine



**DRH3050x16B**  
Radial Drilling Machine

**Main features**

- Automatic tool retraction
- Strengthening spindle
- Drill fixed depth



**DRH3040x14**  
Radial Drilling Machine

**Main features**

- Hydraulic transmission
- Hydraulic clamping
- Hydraulic change speed
- Hydraulic pre-selection



**DRH3050x16/ I**  
Radial Drilling Machine

**Main features**

- Centralized mechanical change speed
- Hydraulic clamping column and rocker arm



**DRH3050x16/ II**  
Radial Drilling Machine

- Electronic control column clamping

**DRH3050x16**  
Radial Drilling Machine

**Main features**

- Hydraulic transmission
- Hydraulic clamping
- Hydraulic change speed
- Hydraulic pre-selection



| SPECIFICATIONS                                  | Units | DRH3050x16    | DRH3050x16B   | DRH3050x16/ I | DRH3050x16/II |
|---|-------|---------------|---------------|---------------|---------------|
| Max.drilling dia.                               | mm    | 50            | 50            | 50            | 50            |
| Distance between spindle nose and table surface | mm    | 330-1200      | 200-1110      | 200-1140      | 330-1210      |
| Distance from spindle axis to column surface    | mm    | 350-1520      | 350-1500      | 370-1520      | 350-1570      |
| Spindle travel                                  | mm    | 210           | 250           | 310           | 210           |
| Spindle taper                                   | -     | MT5           | MT5           | MT5           | MT5           |
| Spindle speed range                             | rpm   | 78-1100       | 35-1400       | 29-1366       | 78-1100       |
| Spindle speed steps                             | -     | 6             | 12            | 12            | 6             |
| Spindle feed range                              | rpm   | 0.10-0.56     | 0.054-1.723   | 0.1-0.4       | 0.1-0.56      |
| Spindle feed steps                              | -     | 6             | 9             | 4             | 6             |
| Main motor power                                | kw    | 4             | 4             | 4             | 4             |
| Lifting motor power                             | kw    | 1.5           | 1.5           | 1.5           | 1.5           |
| Machine weight                                  | kg    | 2500          | 2400          | 3000          | 2500          |
| Overall dimension                               | mm    | 2170*950*2450 | 2050*800*2450 | 2200*900*2550 | 2170*950*2450 |

| SPECIFICATIONS                                  | Units | DRH3040x14    | DRH3050x16     |
|---|-------|---------------|----------------|
| Max.drilling dia.                               | mm    | 40            | 50             |
| Distance between spindle nose and table surface | mm    | 260-1210      | 320-1220       |
| Distance from spindle axis to column surface    | mm    | 350-1370      | 370-1620       |
| Spindle travel                                  | mm    | 270           | 315            |
| Spindle taper                                   | -     | MT4           | MT5            |
| Spindle speed range                             | rpm   | 32-2500       | 25-2000        |
| Spindle speed steps                             | -     | 16            | 16             |
| Spindle feed range                              | rpm   | 0.10-1.25     | 0.04-3.2       |
| Spindle feed steps                              | -     | 8             | 16             |
| Main motor power                                | kw    | 3             | 4              |
| Lifting motor power                             | kw    | 0.75          | 1.5            |
| Machine weight                                  | kg    | 2200          | 3500           |
| Overall dimension                               | mm    | 2053*820*2483 | 2500*1060*2800 |

## Radial Drilling Machine (Hydraulic Clamping)



**DRH3063x20**  
Radial Drilling Machine

**Main features**

- Hydraulic transmission
- Hydraulic clamping
- Hydraulic change speed
- Hydraulic pre-selection



**DRH3080x20A**  
**DRH3080x25A**  
Radial Drilling Machine

**Main features**

- Hydraulic transmission
- Hydraulic clamping
- Hydraulic change speed
- Hydraulic pre-selection

| SPECIFICATIONS                                  | Units | DRH3063x20     | DRH3080x20A    | DRH3080x25A    |
|---|-------|----------------|----------------|----------------|
| Max.drilling dia.                               | mm    | 63             | 80             | 80             |
| Distance between spindle nose and table surface | mm    | 290-1540       | 350-1585       | 350-1585       |
| Distance from spindle axis to column surface    | mm    | 430-1930       | 500-2070       | 500-2570       |
| Spindle travel                                  | mm    | 400            | 400            | 400            |
| Spindle taper                                   | -     | MT5            | MT6            | MT6            |
| Spindle speed range                             | rpm   | 16-1250        | 16-1250        | 16-1250        |
| Spindle speed steps                             | -     | 16             | 16             | 16             |
| Spindle feed range                              | rpm   | 0.04-3.20      | 0.04-3.20      | 0.04-3.20      |
| Spindle feed steps                              | -     | 16             | 16             | 16             |
| Main motor power                                | kw    | 5.5            | 7.5            | 7.5            |
| Lifting motor power                             | kw    | 1.5            | 1.5            | 1.5            |
| Machine weight                                  | kg    | 6500           | 7000           | 9500           |
| Overall dimension                               | mm    | 3000*1250*3300 | 3000*1250*3300 | 3500*1450*3300 |

**DRH30100x31**  
**DRH30125x40**  
Radial Drilling Machine

**Main features**

- Hydraulic transmission
- Hydraulic clamping
- Hydraulic change speed
- Hydraulic pre-selection



| SPECIFICATIONS                                  | Units | DRH30100x31    | DRH30125x40    |
|---|-------|----------------|----------------|
| Max.drilling dia.                               | mm    | 100            | 125            |
| Distance between spindle nose and table surface | mm    | 750-2500       | 750-2500       |
| Distance from spindle axis to column surface    | mm    | 570-3150       | 600-4000       |
| Spindle travel                                  | mm    | 500            | 560            |
| Spindle taper                                   | -     | MT6            | Metric 80      |
| Spindle speed range                             | rpm   | 8-1000         | 6.3-800        |
| Spindle speed steps                             | -     | 22             | 22             |
| Spindle feed range                              | rpm   | 0.06-3.2       | 0.06-3.2       |
| Spindle feed steps                              | -     | 16             | 16             |
| Main motor power                                | kw    | 15             | 18.5           |
| Rocker arm lift travel                          | mm    | 1250           | 1250           |
| Machine weight                                  | kg    | 20000          | 28500          |
| Overall dimension                               | mm    | 4660*1630*4525 | 4960*2000*4780 |

## Drilling & Milling Machine

### DDM7020 / DDM7032 DDM7040 / DDM7045

Drilling And Milling Machine

#### Main features

- Belt-driven and round column

#### Standard Accessories

- Allen wrench
- Wedge
- Tie rod

#### Optional Accessories

- Drill chuck
- Milling cutter holder
- Mill chuck
- Power feed attachment
- Auto-tapping electrical
- Paraller vise
- Working lamp
- Coolant system
- Machine stand and chip tray
- Clamping kits(58pcs)
- Rortary table



| SPECIFICATIONS                                  | Units | DDM7020            | DDM7032            | DDM7040            | DDM7045            |
|---|-------|--------------------|--------------------|--------------------|--------------------|
| Max.drilling dia.                               | mm    | 20                 | 32                 | 40                 | 45                 |
| Max.face milling capacity                       | mm    | 63                 | 63                 | 80                 | 80                 |
| Max.end milling capacity                        | mm    | 20                 | 20                 | 32                 | 32                 |
| Distance between spindle nose and table surface | mm    | 435                | 450                | 450                | 450                |
| Distance from spindle axis to column surface    | mm    | 181.5              | 203.5              | 203.5              | 203.5              |
| Spindle travel                                  | mm    | 80                 | 130                | 130                | 130                |
| Spindle taper                                   | -     | M.T.3 or R8        | M.T.3 or R8        | M.T.4 or R8        | M.T.4 or R8        |
| Spindle speed steps                             | -     | 12                 | 12                 | 12                 | 12                 |
| Spindle speed                                   | r.p.m | 50-2200            | 80-2080            | 80-2080            | 80-2080            |
|   | 60Hz  | 120-2640           | 100-2500           | 100-2500           | 100-2500           |
| Swivel angle of headstock (horizontal)          | -     | 360                | 360                | 360                | 360                |
| Table size                                      | mm    | 520*160            | 800*240            | 800*240            | 800*240            |
| Table travel                                    | mm    | 290*140            | 500*175            | 500*175            | 500*175            |
| Main motor Power                                | kw    | 0.55               | 0.75               | 1.1                | 1.5                |
| Machine weight                                  | kg    | 190                | 330                | 333                | 335                |
| Overall dimension                               | mm    | 620*750*1700       | 1020*820*1860      | 1020*820*1860      | 1020*820*1860      |
| Loading amount                                  | -     | 48pcs/20'container | 28pcs/20'container | 28pcs/20'container | 28pcs/20'container |

### DDM7020G / DDM7032G DDM7040G / DDM7045G

Drilling And Milling Machine

#### Main features

- Gear-driven and round column

#### Standard Accessories

- Allen wrench
- Wedge
- Tie rod

#### Optional Accessories

- Drill chuck
- Milling cutter holder
- Mill chuck
- Power feed attachment
- Auto-tapping electrical
- Paraller vise
- Working lamp
- Coolant system
- Machine stand and chip tray
- Clamping kits(58pcs)
- Rortary table
- 2-Axis DRO,3-Axis DRO



| SPECIFICATIONS                                  | Units | DDM7020G           | DDM7032G           | DDM7040G           | DDM7045G           |
|---|-------|--------------------|--------------------|--------------------|--------------------|
| Max.drilling dia.                               | mm    | 20                 | 32                 | 40                 | 45                 |
| Max.face milling dia.                           | mm    | 63                 | 63                 | 80                 | 80                 |
| Max.end milling dia.                            | mm    | 20                 | 20                 | 32                 | 32                 |
| Distance between spindle nose and table surface | mm    | 439                | 440                | 440                | 440                |
| Distance from spindle axis to column surface    | mm    | 197.5              | 272.5              | 272.5              | 272.5              |
| Spindle travel                                  | mm    | 80                 | 130                | 130                | 130                |
| Spindle taper                                   | -     | M.T.3 or R8        | M.T.3 or R8        | M.T.4 or R8        | M.T.4 or R8        |
| Spindle speed steps                             | -     | 6                  | 6                  | 6                  | 6                  |
| Spindle speed                                   | r.p.m | 50-1420            | 80-1250            | 80-2080            | 80-1250            |
|   | 60Hz  | 115-1700           | 95-1500            | 95-1500            | 95-1500            |
| Swivel angle of headstock (horizontal)          | -     | 360/±90            | 360/±90            | 360/±90            | 360/±90            |
| Table size                                      | mm    | 520*160            | 800*240            | 800*240            | 800*240            |
| Table travel                                    | mm    | 290*140            | 500*175            | 500*175            | 500*175            |
| Main motor Power                                | kw    | 0.55               | 0.75               | 1.1                | 1.5                |
| Machine weight                                  | kg    | 190                | 365                | 368                | 370                |
| Overall dimension                               | mm    | 680*750*1700       | 770*880*1860       | 770*880*1860       | 770*880*1860       |
| Loading amount                                  | -     | 48pcs/20'container | 36pcs/20'container | 36pcs/20'container | 36pcs/20'container |

## Drilling & Milling Machine

### DDM7025FG / DDM7032FG DDM7040FG / DDM7045FG

Drilling And Milling Machine

#### Main features

- Gear-driven and round column

#### Standard Accessories

- Allen wrench
- Wedge
- Tie rod

#### Optional Accessories

- Drill chuck
- Milling cutter holder
- Mill chuck
- Power feed attachment
- Auto-tapping electrical
- Paraller vise
- Working lamp
- Coolant system
- Machine stand and chip tray
- Clamping kits(58pcs)
- Rortary table
- 2-Axis DRO,3-Axis DRO



| SPECIFICATIONS                                  | Units | DDM7025FG           | DDM7032FG           | DDM7040FG           | DDM7045FG           |
|---|-------|---------------------|---------------------|---------------------|---------------------|
| Max.drilling dia.                               | mm    | 25                  | 32                  | 40                  | 45                  |
| Max.face milling capacity                       | mm    | 63                  | 63                  | 80                  | 80                  |
| Max.end milling capacity                        | mm    | 20                  | 20                  | 32                  | 32                  |
| Distance between spindle nose and table surface | mm    | 445                 | 450                 | 450                 | 450                 |
| Distance from spindle axis to column surface    | mm    | 203                 | 260                 | 260                 | 260                 |
| Spindle travel                                  | mm    | 80                  | 130                 | 130                 | 130                 |
| Spindle taper                                   | -     | M.T.3 or R8         | M.T.3 or R8         | M.T.4 or R8         | M.T.4 or R8         |
| Spindle speed steps                             | -     | 6                   | 6                   | 6                   | 6                   |
| Spindle speed                                   | r.p.m | 50Hz 95-1420        | 80-1250             | 80-1250             | 80-1250             |
|   |       | 60Hz 115-1700       | 95-1500             | 95-1500             | 95-1500             |
| Swivel angle of headstock (horizontal)          | -     | ±90                 | ±90                 | ±90                 | ±90                 |
| Table size                                      | mm    | 520*160             | 800*240             | 800*240             | 800*240             |
| Table travel                                    | mm    | 290*140             | 500*175             | 500*175             | 500*175             |
| Main motor Power                                | kw    | 0.37                | 0.75                | 1.1                 | 1.5                 |
| Machine weight                                  | kg    | 240                 | 370                 | 373                 | 375                 |
| Overall dimension                               | mm    | 680*750*1700        | 770*880*1860        | 770*880*1860        | 770*880*1860        |
| Loading amount                                  | -     | 48pcs/20' container | 36pcs/20' container | 36pcs/20' container | 36pcs/20' container |

### DDM7032FG/1 DDM7040FG/1 DDM7045FG/1

Drilling And Milling Machine

#### Main features

- Gear-driven and round column
- Spindle auto feed

#### Standard Accessories

- Allen wrench
- Wedge
- Tie rod

#### Optional Accessories

- Drill chuck
- Milling cutter holder
- Mill chuck
- Power feed attachment
- Auto-tapping electrical
- Paraller vise
- Working lamp
- Coolant system
- Machine stand and chip tray
- Clamping kits(58pcs)
- Rortary table
- 2-Axis DRO,3-Axis DRO
- Spindle box automatic lifting



| SPECIFICATIONS                                  | Units | DDM7032G/1          | DDM7040FG/1         | DDM7045FG/1         |
|---|-------|---------------------|---------------------|---------------------|
| Max.drilling dia.                               | mm    | 32                  | 40                  | 45                  |
| Max.boring dia.                                 | mm    | 50                  | 60                  | 70                  |
| Max.face milling dia.                           | mm    | 63                  | 80                  | 80                  |
| Max.end milling dia.                            | mm    | 20                  | 32                  | 32                  |
| Distance between spindle nose and table surface | mm    | 450                 | 450                 | 450                 |
| Min.distance from spindle axis to column        | mm    | 260                 | 260                 | 260                 |
| Spindle travel                                  | mm    | 130                 | 130                 | 130                 |
| Spindle taper                                   | -     | M.T.3 or R8         | M.T.4 or R8         | M.T.4 or R8         |
| Spindle speed steps                             | -     | 6                   | 6                   | 6                   |
| Spindle speed                                   | r.p.m | 50Hz 80-1250        | 80-1250             | 80-1250             |
|   |       | 60Hz 95-1500        | 95-1500             | 95-1500             |
| Spindle feed steps                              | -     | 6                   | 6                   | 6                   |
| Spindle feed range                              | mm/r  | 0.06-0.30           | 0.06-0.30           | 0.06-0.30           |
| Swivel angle of headstock (vertical)            | -     | ±90                 | ±90                 | ±90                 |
| Table size                                      | mm    | 800*240             | 800*240             | 800*240             |
| Table travel                                    | mm    | 500*175             | 500*175             | 500*175             |
| Main motor Power                                | KW    | 0.75(1HP)           | 1.1                 | 1.5                 |
| Machine weight                                  | kg    | 370                 | 373                 | 375                 |
| Overall dimension                               | mm    | 770*880*1860        | 770*880*1860        | 770*880*1860        |
| Loading amount                                  | -     | 36pcs/20' container | 36pcs/20' container | 36pcs/20' container |

## Milling Machine

**DVM5028**  
Vertical Milling Machine



**DVM(W)5032**  
Vertical Milling Machine



**Optional configuration**

- 3 axis DRO
- Universal dividing head
- Rotary table
- Clamping kits

**DVM5036B / DVM5036B-1 / DVM5036K**  
Vertical Milling Machine



| SPECIFICATIONS                                  | Units | DVM5028          | DVM(W)5032       | DVM5032K         |
|---|-------|------------------|------------------|------------------|
| Table size                                      | mm    | 1200*280         | 1500*320         | 1500*320         |
| Table travel                                    | mm    | 650/320/350      | 800/300/320      | 800/300/400      |
| T slot(number-width*pitch)                      | mm    | 3-14-50          | 3-16-70          | 3-16-70          |
| Spindle taper                                   | -     | ISO40 7:24       | ISO50 7:24       | ISO50 7:24       |
| Spindle speed range                             | rpm   | 40-1300(12steps) | 40-1300(12steps) | 40-1300(12steps) |
| Distance between spindle nose and table surface | mm    | 50-400           | 50-400           | 50-400           |
| Distance from spindle axis to column surface    | mm    | 320              | 320              | 320              |
| Main motor power                                | kw    | 3                | 4                | 4                |
| Machine Weight                                  | kg    | 1500             | 2200             | 2400             |
| Overall dimension                               | mm    | 1700*1700*1850   | 2000*1820*2100   | 2020*1800*2150   |

| SPECIFICATIONS                                  | Units | DVM5036B         | DVM5036B-1       | DVM5036K         |
|---|-------|------------------|------------------|------------------|
| Table size                                      | mm    | 1500*360         | 1500*360         | 1500*360         |
| Table travel                                    | mm    | 800/320/450      | 1000/320/450     | 1000/320/450     |
| T slot(number-width*pitch)                      | mm    | 3-18-80          | 3-18-80          | 3-18-80          |
| Spindle taper                                   | -     | ISO50 7:24       | ISO50 7:24       | ISO50 7:24       |
| Spindle speed range                             | rpm   | 60-1700(12steps) | 60-1700(12steps) | 60-1800(12steps) |
| Distance between spindle nose and table surface | mm    | 60-540           | 60-540           | 60-540           |
| Distance from spindle axis to column surface    | mm    | 360              | 360              | 360              |
| Main motor power                                | kw    | 4                | 4                | 5.5              |
| Machine Weight                                  | kg    | 2700             | 2700             | 3300             |
| Overall dimension                               | mm    | 2600*2200*2220   | 2600*2200*2220   | 2700*2300*2400   |

## Milling Machine

### DHM6032(B) Horizontal Milling Machine



#### Main features

- X, Y motorized feed
- Z axis electric lifting

#### Optional configuration

- 3 axis DRO
- Rotary table
- Dividing head
- Clamping kit

| SPECIFICATIONS                                  | Units | DHM6128        | DHM6032        |
|---|-------|----------------|----------------|
| Table size                                      | mm    | 1200*280       | 1500*320       |
| Table travel                                    | mm    | 680/280/400    | 1000/300/400   |
| T slot(number-width*pitch)                      | mm    | 3-14-50        | 3-16-70        |
| Spindle taper                                   | -     | ISO40 7:24     | ISO40 7:24     |
| Spindle speed range(steps)                      | rpm   | 40-1300 (12)   | 40-1300 (12)   |
| Distance between spindle axis and table surface | mm    | 0-400          | 0-400          |
| Main motor power                                | kw    | 3              | 3              |
| Machine weight                                  | kg    | 1300           | 2050           |
| Overall dimension                               | mm    | 1725*1450*1750 | 2070*1900*1850 |

### DHM6036 Horizontal Milling Machine



#### Main features

- X, Y motorized feed
- Z axis electric lifting

#### Optional configuration

- 3 axis DRO
- Rotary table
- Dividing head
- Clamping kit

| SPECIFICATIONS                                  | Units | DHM6036                  |
|---|-------|--------------------------|
| Table size                                      | mm    | 1500*360                 |
| Table travel                                    | mm    | 1000/320/450             |
| T slot(number-width*pitch)                      | mm    | 3-18*80                  |
| Spindle taper                                   | -     | ISO50 7:24<br>ISO40 7:24 |
| Spindle speed range(steps)                      | rpm   | 60-1800 (12)             |
| Distance between spindle axis and table surface | mm    | 0-450                    |
| Main motor power                                | kw    | 4                        |
| Machine Weight                                  | kg    | 2400                     |
| Overall dimension                               | mm    | 2220*1790*1860           |

## Milling Machine

### DTM4H

Turret Milling Machine



**Optional configuration**

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- pneumatic draw bar
- Dividing head
- cutter

| SPECIFICATIONS                                  | Units | DTM4H   | DTM5H             |
|---|-------|---|-------------------|
| Table size                                      | mm    | 1270*254(10"*50")                                       | 1370*305(12"*54") |
| Table travel                                    | mm    | 780/400/400   | 780/ 420 /420     |
| T slot(number-width*pitch)                      | mm    | 3-16*50   | 3-16*65           |
| Spindle taper                                   | -     | R8  | R8                |
|   |       | opt.ISO40   | opt.ISO40         |
| Spindle speed range(steps)                      | rpm   | 50HZ:65-4500,60HZ:80-5440 (16)<br>opt.(variable)65-4000 |                   |
| Spindle travel                                  | mm    | 127   | 127               |
| Spindle feed range(steps)                       | mm    | 0.045,0.086,0.142(3)                                    |                   |
| Distance between spindle nose and table surface | mm    | 90-510  | 90-510            |
| Main motor power                                | kw    | 2.2   | 2.2               |
| Head rotation (left - right )                   | °     | ±90°  | ±90°              |
| Head rotation (front - rear)                    | °     | ±45°  | ±45°              |
| Machine weight                                  | kg    | 1400  | 1600              |
| Overall dimension                               | mm    | 1550*1650*2250  | 1550*1650*2250    |

### DTM5H

Turret Milling Machine

**Optional configuration**



- Variable speed milling head



### DTM4HW

Turret Milling Machine



**Optional configuration**

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- pneumatic draw bar
- Dividing head
- cutter

| SPECIFICATIONS                                  | Units | DTM4HW   | DTM5HW         |
|---|-------|--|----------------|
| Table size                                      | mm    | 1270*254   | 1370*305       |
| Table travel                                    | mm    | 780/420/400  | 810/420/400    |
| T slot(number-width*pitch)                      | mm    | 3-16*65  | 3-16*65        |
| Spindle taper                                   | -     | R8/ISO40   | R8/ISO40       |
| Horizontal spindle taper                        | -     | ISO40  | ISO40          |
| Spindle speed range(steps)                      | rpm   | 50HZ:65-4500,60HZ:80-5440(16)<br>opt.(variable)65-4000 |                |
| Horizontal spindle speed range(steps)           | rpm   | 45-1350(12)  | 45-1350(12)    |
| Spindle travel                                  | mm    | 127  | 127            |
| Spindle feed range(steps)t                      | mm    | 0.045,0.086,0.142(3 steps)                             |                |
| Distance between spindle nose and table surface | mm    | 90-510   | 90-510         |
| Distance between spindle axis and table surface | mm    | 0-400  | 0-400          |
| Main motor power                                | kw    | 2.2(V)3(H)   | 2.2(V)3(H)     |
| Head rotation (left - right )                   | °     | ±90°   | ±90°           |
| Head rotation (front - rear)                    | °     | ±45°   | ±45°           |
| Machine weight                                  | kg    | 1750   | 1850           |
| Overall dimension                               | mm    | 1550*1650*2250   | 1550*1650*2250 |



## Milling Machine

### DTM6325 / DTM6330 Turret Milling Machine



#### Optional configuration

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- pneumatic draw bar
- Dividing head
- cutter

| SPECIFICATIONS                                  | Units | DTM6325   | DTM6330   |
|---|-------|---|---|
| Table size                                      | mm    | 1270*254(10"*50")   | 1370*305(12"*54")   |
| Table travel                                    | mm    | 780/400/400   | 810/400/400   |
| T slot(number-width*pitch)                      | mm    | 3-16*50   | 3-16*65   |
| Spindle taper                                   | -     | R8  | R8/ISO40(opt.)  |
| Horizontal spindle taper                        | -     | -   | ISO400  |
| Spindle speed range(steps)                      | rpm   | 50HZ:65-4500 (16)<br>60HZ:80-5440<br>opt.variable 65-4000 | 50HZ:65-4500 (16)<br>60HZ:80-5440<br>opt.variable 65-4000 |
| Horizontal spindle speed range(steps)           | rpm   | -   | 45-1350(12)   |
| Spindle travel                                  | mm    | 127   | 127   |
| Spindle feed range(steps)                       | mm    | 0.045,0.086,0.142(3)                                      | 0.045,0.086,0.142(3)                                      |
| Distance between spindle nose and table surface | mm    | 90-510  | 90-510  |
| Distance between spindle axis and table surface | mm    | -   | 120-520   |
| Main motor power                                | kw    | 2.2   | 2.2(立V) 3(卧H)   |
| Head rotation (left - right)                    | °     | ±90°  | ±90°  |
| Head rotation (front - rear)                    | °     | ±45°  | ±45°  |
| Machine weight                                  | kg    | 1400  | 1850  |
| Overall dimension                               | mm    | 1550*1650*2250  | 1550*1650*2250  |

### DTM6332 / DTM6336 Turret Milling Machine



#### Optional configuration

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- pneumatic draw bar
- Dividing head
- cutter

| SPECIFICATIONS                                  | Units | DTM6328  | DTM6332  | DTM6336  |
|---|-------|--|--|--|
| Table size                                      | mm    | 1200*280   | 1370*320   | 1500*360   |
| Table travel                                    | mm    | 600/240/360  | 800/300/400  | 1000/320/450   |
| T slot(number-width*pitch)                      | mm    | 3-14*63  | 3-14*70  | 3-18*80  |
| Spindle taper                                   | -     | ISO40 7:24   | ISO40 7:24   | ISO40 7:24   |
| Horizontal spindle taper                        | -     | ISO40 7:24   | ISO40 7:24   | ISO50 7:24   |
| Spindle speed range(steps)                      | rpm   | 50HZ:65-4500 (16)<br>60HZ:80-5440<br>opt.(variable)65-4000 | 50HZ:65-4500 (16)<br>60HZ:80-5440<br>opt.(variable)65-4000 | 50HZ:65-4500 (16)<br>60HZ:80-5440<br>opt.(variable)65-4000 |
| Horizontal spindle speed range(steps)           | -     | 40-1300(12)  | 40-1300(12)  | 60-1800(12)  |
| Spindle travel                                  | mm    | 127  | 127  | 127  |
| Spindle feed range(steps)                       | mm    | 0.045,0.086,0.142(3)                                       | 0.045,0.086,0.142(3)                                       | 0.045,0.086,0.142(3)                                       |
| Distance between spindle nose and table surface | mm    | 140-500  | 140-540  | 140-590  |
| Distance between spindle axis and table surface | mm    | 0-360  | 0-400  | 0-450  |
| Main motor power                                | kw    | 2.2(V)3(H)   | 2.2(V)3(H)   | 3.7(V)4(H)   |
| Head rotation (left - right)                    | °     | ±90°   | ±90°   | ±90°   |
| Head rotation (front - rear)                    | °     | ±45°   | ±45°   | ±45°   |
| Machine weight                                  | kg    | 1400   | 2000   | 2400   |
| Overall dimension                               | mm    | 1550*1650*2250   | 2200*1820*2350   | 2600*2200*2550   |

## Milling Machine

### DMX6226 / DMX6232 Rotary Head Milling Machine



#### Optional configuration

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- cutter
- Dividing head

| SPECIFICATIONS                                  | Units   | DMX6226               | DMX6232                 | DMX6236         |
|---|---------|-----------------------|-------------------------|-----------------|
| Table size                                      | mm      | 1200*260              | 1370*320                | 1500*360        |
| Table travel                                    | mm      | 600/280/400           | 800/320/400             | 1000/300/350    |
| T slot(number-width*pitch)                      | mm      | 5-14*40               | 3-16*60                 | 5-14*63         |
| Spindle taper                                   | -       | ISO40                 | ISO40                   | ISO 50          |
| Spindle speed range(steps)                      | rpm     | 48-1660(12)           | 48-1660(12)             | 45-1660/40-1300 |
| Distance between spindle nose and table surface | mm      | 100-500               | 120-520                 | 220-660         |
| Distance between spindle axis and table surface | mm      | -                     | -                       | 0-440           |
| Table feed range (steps)                        | mm /min | X:48-370(8) YZ:manual | XY:22-555(8) Z:electric |                 |
| Swivel angle of milling head                    | °       | 360                   | 360                     | 360             |
| Main motor power                                | kw      | 3                     | 3                       | 4               |
| Feed motor power                                | kw      | 0.75                  | 1.1                     |                 |
| Machine weight                                  | kg      | 1400                  | 1700                    | 2450            |
| Overall dimension                               | mm      | 1660*1500*1750        | 1700*1560*1750          | 2020*1710*1994  |

### DUM6432 / DUM6436 Rotary Head Milling Machine



#### Optional configuration

- 3 axis DRO
- automatic feed
- Electronic oil pump
- Rotary table
- Clamping kit
- cutter
- Dividing head

| SPECIFICATIONS                                  | Units   | DUM6432                          | DUM6438                          |
|---|---------|----------------------------------|----------------------------------|
| Table size                                      | mm      | 1500*320                         | 1500*360                         |
| Table travel                                    | mm      | 1000/320/400                     | 1000/320/400                     |
| T slot(number-width*pitch)                      | mm      | 3-16*60                          | 3-18*80                          |
| Spindle taper                                   | -       | ISO40(V)<br>ISO40(H)             | ISO40(V)<br>ISO40(H)             |
| Spindle speed range(steps)                      | rpm     | 48-1660(12)(V)<br>40-1300(12)(H) | 48-1660(12)(V)<br>40-1300(12)(H) |
| Distance between spindle nose and table surface | mm      | 120-520                          | 150-550                          |
| Distance between spindle axis and table surface | mm      | 0-400                            | 0-400                            |
| Table feed range(steps)                         | mm /min | XY:22-555 (8) Z:electric         | XY:22-555 (8) Z:electric         |
| Swivel angle of milling head                    | °       | 360                              | 360                              |
| Main motor power                                | kw      | 3(V)/3(H)                        | 4(V)/4(H)                        |
| Feed motor power                                | kw      | 1.1                              | 1.1                              |
| Machine weight                                  | kg      | 2100                             | 2580                             |
| Overall dimension                               | mm      | 2050*1750*2000                   | 2550*2050*2050                   |

## Milling Machine

### DXA7140

Bed Type Milling Machine



| SPECIFICATIONS                                  | Units | DXA7130        | DXA7140        |
|---|-------|----------------|----------------|
| Table size                                      | mm    | 1525*320       | 1400*400       |
| Table travel                                    | mm    | 1050*470       | 800*400        |
| T slot(number-width*pitch)                      | mm    | 3-14*80        | 3-18*100       |
| Spindle taper                                   | -     | ISO40          | ISO50          |
| Spindle travel                                  | mm    | 127            | 105            |
| Spindle speed range                             | rpm   | 70-3620        | 18-1800        |
| Distance between spindle axis and table surface | mm    | 70-570         | 150-650        |
| Distance from spindle axis to column surface    | mm    | 450            | 520            |
| Main motor power                                | HP    | 5              | 7.5            |
| Machine weight                                  | Kg    | 2300           | 3860           |
| Overall dimension                               | mm    | 2565*2045*2290 | 2290*1840*2120 |

Specifications are subject to change without prior notice

### DXA7150

Bed Type Milling Machine



| SPECIFICATIONS                                  | Units | DXA7150        | DXA715         | DXA716             |
|---|-------|----------------|----------------|--------------------|
| Table size                                      | mm    | 2000*400       | 2100*500       | 2500*575           |
| Table travel                                    | mm    | 1500*500       | 1500*670-670   | 1800(2000)*600*900 |
| T slot(number-width*pitch)                      | mm    | 3-18*100       | 4-20*100       | 3-22*152           |
| Spindle taper                                   | -     | ISO50          | ISO50          | ISO50              |
| Spindle speed range                             | rpm   | 66-1440        | 35-1345        | 40-1200/12         |
| Distance between spindle nose and table surface | mm    | 100-650        | 0-670          | 49                 |
| Distance from spindle axis to column surface    | mm    | 600            | 610            | 110                |
| Main motor power                                | HP    | 7.5            | 7.5            | 11                 |
| Machine weight                                  | Kg    | 5000           | 7360           | 10000              |
| Overall dimension                               | mm    | 3000*2285*2340 | 3300*2380*2750 | 4300*3200*3300     |

Specifications are subject to change without prior notice

BED TYPE MILLING

BED TYPE MILLING

## Vertical Machining Center/ CNC Milling Machine

DVMC550 / DVMC640  
DVMC650 / DVMC840



### Standard configuration

- System:KND-1000/GSK980MDi
- 16 Armless Tool Magazine
- 3 axis Linear Rail

### Optional configuration



- 10000rpm spindle
- The 4th Axis
- 24 Arm
- SIEMENS,MITSUBISHI,FANUC,SYNTEC

| SPECIFICATIONS                                  | Units  | DVMC550        | DVMC640                        | DVMC650        | DVMC840        |
|---|--------|----------------|--------------------------------|----------------|----------------|
| Table size                                      | mm     | 700*350        | 800*300                        | 800*400        | 1000*400       |
| X axis travel                                   | mm     | 550            | 600                            | 650            | 800            |
| Y axis travel                                   | mm     | 350            | 360                            | 400            | 400            |
| Z axis travel                                   | mm     | 500            | 450                            | 500            | 500            |
| Max. worktable load                             | kg     | 300            | 300                            | 400            | 450            |
| T slot(number-width*pitch)                      | -      | 3-18*105       | 3-16*80                        | 3-18*125       | 3-18*130       |
| Max. spindle speed                              | rpm    |                | 8000( Optional:10000 )         |                |                |
| Spindle taper                                   | mm     | BT40           | BT40                           | BT40           | BT40           |
| Main motor power                                | kw     | 5.5            | 5.5                            | 5.5            | 5.5            |
| X/Y/Z rapid traverse speed                      | m/min  |                | 24/24/20 ( Optional:48/48/36 ) |                |                |
| Cutting feed speed                              | mm/min | 1-10000        | 1-10000                        | 1-10000        | 1-10000        |
| Guide rail type                                 | -      | Linear rail    | Linear rail                    | Linear rail    | Linear rail    |
| Distance from spindle axis to column surface    | mm     | 400            | 410                            | 469            | 520            |
| Distance between spindle nose and table surface | mm     | 100-600        | 100-550                        | 100-600        | 130-630        |
| Positioning accuracy                            | mm     | ±0.0075        | ±0.0075                        | ±0.0075        | ±0.0075        |
| Repeat positioning accuracy                     | mm     | ±0.005         | ±0.005                         | ±0.005         | ±0.005         |
| Tool magazine                                   | -      |                | Armless 16( Optional: Arm24)   |                |                |
| Max. tool diameter                              | mm     | φ90            | φ90                            | φ90            | φ90            |
| Max.tool weight                                 | kg     | 8              | 8                              | 8              | 8              |
| Machine weight                                  | kg     | 3200           | 3000                           | 4000           | 4200           |
| Overall dimension                               | mm     | 2100*1950*2300 | 1900*1700*2100                 | 2400*2000*2550 | 2500*2050*2550 |

## Vertical Machining Center/ CNC Milling Machine

DVMC1060 / DVMC1160  
DVMC1270 / DVMC1370



### Standard configuration

- |                     |                |                    |              |
|---------------------|----------------|--------------------|--------------|
| <b>Name</b>         | <b>Brand</b>   | <b>Name</b>        | <b>Brand</b> |
| • Spindle Unit      | • ROYAL/POSA   | • Lubricating pump | • HERG       |
| • Pressure cylinder | • SP/AirTAC/SY | • Ball screw       | • HIWIN/PMI  |
| • Bearing           | • NSK          | • Linear rail      | • HIWIN/PMI  |
| • Coupling          | • R+W          | • Rail protection  | • KEYARROW   |
| • Tool magazine     | • OKADA        | • Electrical parts | • Schneider  |

### Optional configuration



- The 5th Axis
- Oil coolant
- Oil-Water separator
- SIEMENS, MITSUBISHI, FANUC, SYNTEC

| SPECIFICATIONS                                  | Units  | DVMC1060                    | DVMC1160       | DVMC1270                     | DVMC1370       |
|---|--------|-----------------------------|----------------|------------------------------|----------------|
| Table size                                      | mm     | 1200*600                    | 1200*600       | 1300*700                     | 1400*700       |
| X axis travel                                   | mm     | 1000                        | 1100           | 1200                         | 1300           |
| Y axis travel                                   | mm     | 600                         | 600            | 700                          | 700            |
| Z axis travel                                   | mm     | 600                         | 600            | 600                          | 700            |
| Max. worktable load                             | kg     | 800                         | 1000           | 1200                         | 1400           |
| T slot(number-width*pitch)                      | -      | 5-18*120                    | 5-18*125       | 5-18*125                     | 5-22*140       |
| Max. spindle speed                              | rpm    | 8000(Optional:10000)        |                |                              |                |
| Spindle taper                                   | mm     | BT40                        | BT40           | BT50                         | BT50           |
| Main motor power                                | kw     | 11/15                       | 11/15          | 11/15                        | 15/18.5        |
| X/Y/Z rapid traverse speed                      | m/min  | 24/24/20                    | 24/24/20       | 24/24/18                     | 24/24/18       |
| Cutting feed speed                              | mm/min | 1-8000                      | 1-8000         | 1-6000                       | 1-6000         |
| Guide rail type                                 | -      | Linear rail                 | Linear rail    | Linear rail                  | Linear rail    |
| Distance from spindle axis to column surface    | mm     | 650                         | 650            | 780                          | 780            |
| Distance between spindle nose and table surface | mm     | 130-680                     | 140-740        | 140-700                      | 160-860        |
| Positioning accuracy                            | mm     | ±0.0075                     | ±0.0075        | ±0.0075                      | ±0.0075        |
| Repeat positioning accuracy                     | mm     | ±0.005                      | ±0.005         | ±0.005                       | ±0.005         |
| Tool magazine                                   | -      | Arm 24                      | Arm 24         | Arm 24                       | Arm 24         |
| Max. tool diameter                              | mm     | φ78 (Adjacent)/ φ120(Apart) |                | φ112 (Adjacent)/ φ200(Apart) |                |
| Max.tool weight                                 | kg     | 8                           | 8              | 18                           | 18             |
| Machine weight                                  | kg     | 6900                        | 7000           | 9500                         | 10000          |
| Overall dimension                               | mm     | 3200*2600*2900              | 3400*2600*2900 | 3400*2900*3000               | 3870*2900*3000 |

## Shaper Machine



**DMS635A**  
Shaper Machine

| SPECIFICATIONS                                  | Units     | DMS635A        |
|---|-----------|----------------|
| Max. shaping length                             | mm        | 350            |
| Table size                                      | mm        | 350*300        |
| Table horizontal travel (horizontal)            | mm        | 400            |
| Table vertical travel (vertical)                | mm        | 270            |
| Ram moving frequency per minute                 | times/min | 32-125         |
| Distance between ram lower end to table surface | mm        | 330            |
| Tool head travel                                | mm        | 110            |
| Tool head tilt angle                            | °         | ±60            |
| Tool size                                       | mm        | 20*30          |
|   |           | 14             |
| Main motor power                                | kw        | 1.5            |
| Machine weight                                  | kg        | 1250           |
| Overall dimension                               | mm        | 1500*1100*1500 |



**DMS6085**  
Shaper Machine

**DMS6050/DMS6063  
DMS6066**  
Shaper Machine



| SPECIFICATIONS                                  | Units     | DMS6050        | DMS6063        | DMS6066        |
|---|-----------|----------------|----------------|----------------|
| Max. shaping length                             | mm        | 500            | 630            | 660            |
| Table size                                      | mm        | 440*360        | 630*400        | 660*400        |
| Table horizontal travel (horizontal)            | mm        | 525            | 630            | 630            |
| Table vertical travel (vertical)                | mm        | 270            | 360            | 360            |
| Ram moving frequency per minute                 | times/min | 14-80          | 14-80          | 14-80          |
| Distance between ram lower end to table surface | mm        | 370            | 385            | 385            |
| Tool head travel                                | mm        | 120            | 120            | 120            |
| Tool head tilt angle                            | °         | ±60            | ±60            | ±60            |
| Tool size                                       | mm        | 20*30          | 20*30          | 20*30          |
|   | mm        | 18             | 18             | 18             |
| Main motor power                                | kw        | 3              | 3              | 3              |
| Machine weight                                  | kg        | 1760           | 1870           | 1920           |
| Overall dimension                               | mm        | 2000*1300*1600 | 2000*1300*1650 | 2000*1300*1650 |

**DMS60100**  
Shaper Machine



| SPECIFICATIONS                                  | Units     | DMS6085        | DMS60100       | DMSH60100      |
|---|-----------|----------------|----------------|----------------|
| Max. shaping length                             | mm        | 850            | 1000           | 1000           |
| Table size                                      | mm        | 800*450        | 1000*500       | 1000*500       |
| Table horizontal travel (horizontal)            | mm        | 710            | 800            | 800            |
| Table vertical travel (vertical)                | mm        | 360            | 380            | 380            |
| Ram moving frequency per minute                 | times/min | 17-100         | 15-83          | 3-44           |
| Distance between ram lower end to table surface | mm        | 400            | 400            | 400            |
| Tool head travel                                | mm        | 160            | 160            | 160            |
| Tool head tilt angle                            | °         | ±60            | ±60            | ±60            |
| Tool size                                       | mm        | 30*45          | 30*45          | 30*45          |
|   | mm        | 22             | 22             | 22             |
| Main motor power                                | kw        | 5.5            | 7.5            | 7.5            |
| Machine weight                                  | kg        | 3090           | 5150           | 5150           |
| Overall dimension                               | mm        | 2450*1450*1800 | 3700*1600*1800 | 3700*1600*1800 |

## Circular Saw Machine DCS225 / DCS250 / DCS315 / DCS350



| SPECIFICATIONS    | Units | DCS 225     | DCS 250           | DCS 315          | DCS 350         |
|-------------------|-------|-------------|-------------------|------------------|-----------------|
| Max. blade size   | mm(") | 225(8.9)    | 250 (9.8)         | 315 (12.4)       | 350 (13.8)      |
| 90°Circular       | mm(") | 60 (2.36)   | 60 (2.36)         | 100 (4)          | 120 (4.7)       |
| 90°Rectangular    | mm(") | 50*50(2*2)  | 75*45 (3*1.77)    | 140*90 (5.5*3.5) | 140*100 (5.5*4) |
| 45°Circular       | mm(") | 52 (2.05)   | 55(2.16)          | 90 (3.5)         | 105 (4.1)       |
| 45°Rectangular    | mm(") | 50*50 (2*2) | 55*45 (2.16*1.77) | 100*90 (4*3.5)   | 100*100 (4*4)   |
| Blade speed       | rpm   | 46          | 42                | 18,36            | 18,36           |
| Max Vice opening  | mm(") | 70 (2.8)    | 100 (4)           | 145 (5.7)        | 145 (5.7)       |
| Main motor power  | kw    | 0.75/1.3    | 1.1/1.5           | 0.75/1.3         | 0.75/1.3        |
| Drive             | -     | Gear        | Gear              | Gear             | Gear            |
| Machine weight    | kg    | 63/75       | 143/171           | 185/207          | 190/212         |
| Overall dimension | mm    | 64*39*72    | 89*58*78          | 980*620*900      | 980*620*950     |
|                   |       |             | 77*46*33          | 770x580x470      | 770x580x470     |

## Hacksaw Machine DHS7125 / DHS7132 / DHS7140 / DHS7150



| SPECIFICATIONS       | Units | DHS7125       | DHS7132        | DHS7140        | DHS7150        |
|----------------------|-------|---------------|----------------|----------------|----------------|
| Cutting circular     | mm    | 250           | 320            | 400            | 500            |
| Cutting rectangular  | mm    | 220*220       | 290*290        | 330*330        | 400*400        |
| Cutting oblique      | °     | 45            | 45             | 45             | 45             |
| Blade speed          | rpm   | 34,60,84      | 34,60,84       | 34,60,84       | 34,60,84       |
| Blade size           | mm    | 450*45*2.25   | 600*50*2.5     | 650*50*2.5     | 750*63*2.5     |
| Main motor power     | kw    | 2.22          | 3              | 3              | 3              |
| Coolant motor power  | kw    | 0.04          | 0.04           | 0.04           | 0.04           |
| Saw blade rapid down | kw    | 0.25          | 0.25           | 0.25           | 0.25           |
| Machine weight       | kg    | 600/830       | 1100/1350      | 1200/1450      | 1450/1700      |
| Overall dimension    | mm    | 2000*950*1300 | 2440*1020*1600 | 2440*1020*1600 | 2440*1190*1760 |

## Sawing Machine



**DBS-115**  
Band saw machine



**DBS 712N**  
Band saw machine



**DBS 912B**  
sawing machine



**DBS 916V**



**DBS 280G**  
Band saw machine



**DBS 460G**  
Band saw machine



**DBS 1018B**



**DBS 1018R**

| SPECIFICATIONS    | Units | DBS-115        | DBS 712N            | DBS 280G                     | DBS 460G         |
|-------------------|-------|----------------|---------------------|------------------------------|------------------|
| 90°Circular       | mm(") | 115(4.5)       | 178(7)              | 220(8.6)                     | 330 (13)         |
| 90°Rectangular    | mm(") | 100*150mm(4*6) | 178*305(7*12)       | 250 * 155(10*6.1)            | 460*250 (18*9.8) |
| 60°Circular       | mm(") | -              | -                   | 100(4)                       | 205 (8)          |
| 60°Rectangular    | mm(") | -              | -                   | 80*95 (3.1*3.7)              | 205*250 (8*9.8)  |
| 45°Circular       | mm(") | 100 (4)        | 127 (5)             | 160 (6)                      | 305 (12)         |
| 45°Rectangular    | mm(") | 60*100(2.4*4)  | 120*125 (4.75*4.88) | 160*110 (6.3 *4.3)           | 305*250 (12*9.8) |
| Blade speed       | 50HZ  | 20.29.50       | 27,41,59,78         | 40/80                        | 40/80            |
|                   | 60HZ  | 24.35.61       | 22,34,49,64         | 48/96                        | 48/96            |
| Blade size        | mm    | 13*0.6*1538    | 20*0.9*2362         | 27*0.9*2450                  | 27*0.9*3960      |
| Main motor power  | kw    | 0.375          | 0.75                | 0.75/1.1                     | 1.5/2.2          |
| Drive             | -     | V-belt         | V-belt              | Gear                         | Gear             |
| Machine weight    | kg    | 68/72          | 145/178             | 254/287                      | 750/830          |
| Overall dimension | mm    | 970*460*460    | 1250*450*1150       | 1330*800*1050<br>670*400*620 | 2310*1070*1630   |

| SPECIFICATIONS    | Units | DBS 912B       | DBS 916V        | DBS 1018B       | DBS 1018R         |
|-------------------|-------|----------------|-----------------|-----------------|-------------------|
| 90°Circular       | mm(") | 229 (9)        | 229 (9)         | 254 (10)        | 254 (10)          |
| 90°Rectangular    | mm(") | 178*305 (7*12) | 127*405 (5*16)  | 127 * 457(5*18) | 160*406 (6.3*16)  |
| 45°Circular       | mm(") | 150 (6)        | 150 (6)         | 150 (6)         | 170 (6.7)         |
| 45°Rectangular    | mm(") | 127*150 (5*6)  | 150*190 (6*7.5) | 150*190 (6*7.5) | 160*190 (6.3*7.5) |
| Blade speed       | 50HZ  | 26,50,73,95    | 18-102          | 29,50,73,95     | 29,50,73,95       |
|                   | 60HZ  | 32,60,80,115   | 22-122          | 35,60,88,115    | 35,60,88,115      |
| Blade size        | mm    | 27*0.9*2655    | 27*0.9*3215     | 27*0.9*3280     | 27*0.9*3215       |
| Main motor power  | kw    | 1.1            | 1.5             | 1.5             | 1.5               |
| Drive             | -     | V-belt         | V-belt          | V-belt          | V-belt            |
| Machine weight    | kg    | 230/260        | 320/380         | 310/385         | 300/360           |
| Overall dimension | mm    | 1540*590*1150  | 1800*770*1400   | 1830*830*1150   | 1890*840*1340     |



## DBSH4220 / DBSH4228 / DBSH4230

### DBSH4235 Band Saw Machine



#### Optional configuration



- Saw blade cover protection
- Protective cover power failure protection
- Fast down protection
- Saw blade hydraulic clamping

| SPECIFICATIONS        | Units | DBSH4220      | DBSH4228       | DBSH4230       | DBSH4235       |
|-----------------------|-------|---------------|----------------|----------------|----------------|
| Cutting circular      | mm    | 200           | 280            | 300            | 350            |
| Cutting rectangular   | mm    | 200*200       | 280*280        | 300*300        | 350*350        |
| Blade speed           | m/min | 27,45,69      | 27,45,69       | 27,45,69       | 27,45,69       |
| Blase size            | mm    | 2800*27*0.9   | 3505*27*0.9    | 3505*27*0.9    | 4115*34*1.1    |
| Main motor power      | kw    | 1.5           | 2.2            | 3              | 3              |
| Hydraulic motor power | kw    | 0.55          | 0.55           | 0.55           | 0.55           |
| Coolant motor power   | kw    | 0.04          | 0.04           | 0.04           | 0.04           |
| Machine weight        | kg    | 620           | 800            | 900            | 1000           |
| Overall dimension     | mm    | 1400*930*1270 | 1950*1100*1750 | 1950*1100*1750 | 2100*1160*1850 |

Specifications are subject to change without prior notice

## DBSH4240 / DBSH4250

### DBSH4260 Band Saw Machine



#### Optional configuration



- Saw blade variable speed
- Hydraulic chip conveyor
- Saw blade broken protection
- Electric feed rack

| SPECIFICATIONS        | Units | DBSH4240       | DBSH4250       | DBSH4260       |
|-----------------------|-------|----------------|----------------|----------------|
| Cutting circular      | mm    | 400            | 500            | 600            |
| Cutting rectangular   | mm    | 400*400        | 500*500        | 600*600        |
| Blade speed           | m/min | 27,45,69       | 27,45,69       | 27,45,69       |
| Blase size            | mm    | 5000*41*1.3    | 5800*41*1.3    | 6650*54*1.6    |
| Main motor power      | kw    | 4              | 5.5            | 5.5            |
| Hydraulic motor power | kw    | 0.75           | 0.75           | 1.5            |
| Coolant motor power   | kw    | 0.09           | 0.09           | 0.125          |
| Machine weight        | kg    | 1500           | 1900           | 2300           |
| Overall dimension     | mm    | 2460*1270*2000 | 2960*1470*2200 | 3250*1600*2300 |

Specifications are subject to change without prior notice

## DBSH4265 / DBSH4270 DBSH4280 / DBSH42100

Band Saw Machine



### Optional configuration

- Saw blade cover protection
- Protective cover power failure protection
- Fast down protection
- Saw blade hydraulic clamping
- Saw blade variable speed
- Hydraulic chip conveyor
- Saw blade broken protection
- Electric feed rack

| SPECIFICATIONS        | Units | DBSH4265       | DBSH4270       | DBSH4280       | DBSH42100      |
|-----------------------|-------|----------------|----------------|----------------|----------------|
| Cutting circular      | mm    | 650            | 700            | 800            | 1000           |
| Cutting rectangular   | mm    | 650*650        | 700*700        | 800*800        | 1000*1000      |
| Blade speed           | m/min | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       |
| Blade size            | mm    | 6900*67*1.6    | 7205*67*1.6    | 8820*67*1.6    | 9820*67*1.6    |
| Main motor power      | kw    | 5.5            | 7.5            | 7.5            | 11             |
| Hydraulic motor power | kw    | 1.5            | 1.5            | 2.2            | 3.75           |
| Coolant motor power   | kw    | 0.125          | 0.125          | 0.125          | 0.125          |
| Machine weight        | kg    | 3100           | 5100           | 7100           | 8600           |
| Overall dimension     | mm    | 3500*1900*2400 | 3500*2000*2600 | 3560*2100*2700 | 4560*2170*3040 |

## DBHS4228 / DBHS4230 / DBHS4235 DBHS4240 / DBHS4250

DBHS4260  
CNC Band Saw Machine



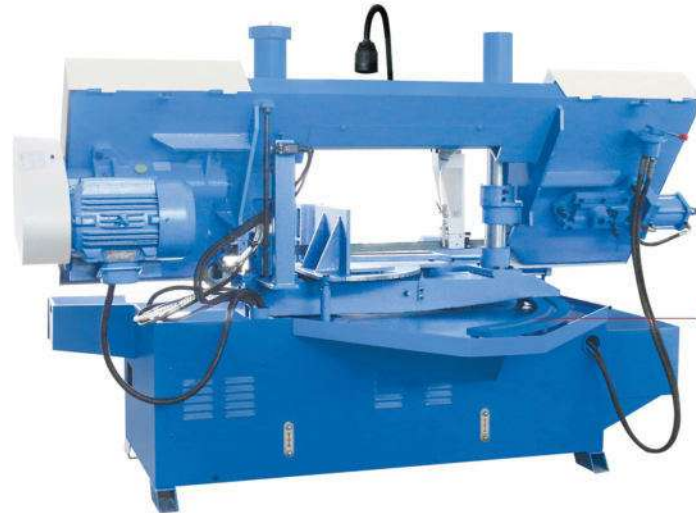
- Japan Omron CNC PLC control
- Fully automatic control, automatic feeding, automatic sawing, etc.
- Double hydraulic vise
- Grating ruler test
- Angle sawing

| SPECIFICATIONS        | Units | DBHS4228       | DBHS4230       | DBHS4235       | DBHS4240       | DBHS4250       | DBHS4260       |
|-----------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|
| Cutting circular      | mm    | 280            | 300            | 350            | 400            | 500            | 600            |
| Cutting rectangular   | mm    | 280*280        | 300*300        | 350*350        | 400*400        | 500*500        | 600*600        |
| Blade speed           | m/min | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       |
| Blade size            | mm    | 3505*27*0.9    | 3505*27*0.9    | 4115*34*1.1    | 5000*41*1.3    | 5800*41*1.3    | 6650*54*1.6    |
| Main motor power      | kw    | 2.2            | 3              | 4              | 5.5            | 5.5            | 5.5            |
| Hydraulic motor power | kw    | 0.75           | 0.75           | 0.75           | 0.75           | 1.5            | 1.5            |
| Coolant motor power   | kw    | 0.09           | 0.09           | 0.09           | 0.09           | 0.09           | 0.125          |
| Machine weight        | kg    | 1400           | 1500           | 1700           | 2100           | 2500           | 3100           |
| Overall dimension     | mm    | 2000*2430*1650 | 2000*2450*1650 | 2250*2450*1600 | 2460*2320*2000 | 2960*2320*2200 | 3280*2320*2400 |

## DBHZ4228 / DBHZ4230 / DBHZ4235

## DBHZ4240 / DBHZ4250

Rotary Band Saw Machine



### Optional configuration

- Saw blade cover protection
- Protective cover power failure protection
- Fast down protection
- Saw blade hydraulic clamping
- Saw blade variable speed
- Hydraulic chip conveyor
- Saw blade broken protection
- Electric feed rack

| SPECIFICATIONS        | Units | DBHZ4228       | DBHZ4230       | DBHZ4235       | DBHZ4240       | DBHZ4250       |
|-----------------------|-------|----------------|----------------|----------------|----------------|----------------|
| 90°Circular           | mm    | 280            | 300            | 350            | 400            | 500            |
| 90°Rectangular        | mm    | 300*280        | 320*300        | 380*350        | 600*400        | 700*500        |
| 45°Circular           | mm    | 190            | 200            | 200            | 300            | 400            |
| 45°Rectangular        | mm    | 210*190        | 220*200        | 240*220        | 400*300        | 500*400        |
| Blade speed           | m/min | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       |
| Blase size            | mm    | 3505*27*0.9    | 3850*27*0.9    | 4525*34*1.1    | 5050*41*1.3    | 5880*41*1.3    |
| Main motor power      | kw    | 2.2            | 3              | 4              | 5.5            | 5.5            |
| Hydraulic motor power | kw    | 0.55           | 0.55           | 0.55           | 1.5            | 1.5            |
| Coolant motor power   | kw    | 0.04           | 0.04           | 0.04           | 0.125          | 0.125          |
| Machine weight        | kg    | 850            | 950            | 1050           | 1600           | 1900           |
| Overall dimension     | mm    | 2100*1300*1550 | 2100*1300*1550 | 2300*1350*1650 | 2460*1950*2000 | 2960*2150*2200 |

## DBSZ4228-CNC / DBSZ4230-CNC / DBSZ4235-CNC

## DBSZ4240-CNC / DBSZ4250-CNC

CNC Rotary Band Saw Machine



- Japan Omron CNC PLC control
- Fully automatic control, automatic feeding, automatic sawing, etc.
- Double hydraulic vise
- Grating ruler test
- Double column structure, precision sawing cutting
- Angle sawing

| SPECIFICATIONS        | Units | DBSZ4228-CNC   | DBSZ4230-CNC   | DBSZ4235-CNC   | DBSZ4240-CNC   | DBSZ4250-CNC   |
|-----------------------|-------|----------------|----------------|----------------|----------------|----------------|
| 90°Circular           | mm    | 280            | 300            | 350            | 400            | 500            |
| 90°Rectangular        | mm    | 300*280        | 320*300        | 380*350        | 600*400        | 700*500        |
| 45°Circular           | mm    | 190            | 200            | 200            | 300            | 400            |
| 45°Rectangular        | mm    | 210*190        | 220*200        | 240*220        | 400*300        | 500*400        |
| Blade speed           | m/min | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       | 27,45,69       |
| Blase size            | mm    | 3505*27*0.9    | 3850*27*0.9    | 4525*34*1.1    | 5050*41*1.3    | 5880*41*1.3    |
| Main motor power      | kw    | 2.2            | 3              | 4              | 5.5            | 5.5            |
| Hydraulic motor power | kw    | 0.55           | 0.55           | 0.55           | 1.5            | 1.5            |
| Coolant motor power   | kw    | 0.04           | 0.04           | 0.04           | 0.125          | 0.125          |
| Machine weight        | kg    | 1500           | 1600           | 1800           | 2200           | 2600           |
| Overall dimension     | mm    | 2100*1300*1550 | 2100*1300*1550 | 2300*1350*1650 | 2460*1950*2000 | 2960*2150*2200 |

### 3-IN-1 Combination of Shear, Brake & Roll Machine



**D3-IN-1/305**

- ▶ Ideal combination machine for sheet metal machining to a length of 305mm and a thickness of 1.0 mm cutting stop
- ▶ Roll bending starting with diameter of 39mm
- ▶ Folding with a max. angle of 90°
- ▶ Adjustable rear stop



**D3-IN-1/1067x1.5**

| Model                       | D3-IN-1/1067 x1.5 | D3-IN-1/1320 x1.5 |
|-----------------------------|-------------------|-------------------|
| Bed width(mm)               | 1037              | 1320              |
| Max. shearing thickness(mm) | 1.5               | 1.5               |
| Max. bending thickness(mm)  | 1.5               | 1.5               |
| Max. bending angle          | 90°               | 90°               |
| Max. rolling thickness(mm)  | 1.5               | 1.5               |
| Min. rolling dia.(mm)       | 62                | 76                |
| Packing size(cm)            | 150×59×93         | 179×59×93         |
| N.W./G.W.(kg)               | 390/440           | 470/530           |



**D3-IN-1/1016**

- ▶ Removable male dies with female dies
- ▶ Back gauge standard equipment
- ▶ With two position handles
- ▶ Shearing mild steel or equipment
- ▶ Press brake-bends box and pan works
- ▶ Sectional fingers allow box and pan works
- ▶ Slip roll provided with forming grooves

| Model                       | D3-IN-1/200 | D3-IN-1/305 | D3-IN-1/610 | D3-IN-1/760 | D3-IN-1/1016 | D3-IN-1/1067 | D3-IN-1/1320 |
|-----------------------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|
| Bed width(mm)               | 200         | 305         | 610         | 760         | 1016         | 1067         | 1320         |
| Max. shearing thickness(mm) | 1.0         | 1.0         | 1.0         | 1.0         | 1.0          | 1.0          | 1.0          |
| Max. bending thickness(mm)  | 1.0         | 1.0         | 1.0         | 1.0         | 1.0          | 1.0          | 1.0          |
| Max. bending angle          | 90°         | 90°         | 90°         | 90°         | 90°          | 90°          | 90°          |
| Max. rolling thickness(mm)  | 1.0         | 1.0         | 1.0         | 1.0         | 1.0          | 1.0          | 1.0          |
| Min. rolling dia.(mm)       | 29          | 39          | 39          | 39          | 43           | 43           | 43           |
| Packing size(cm)            | 54×24×28    | 49×33×42    | 84×41×86    | 100×41×66   | 137×45×72    | 139×54×78    | 168×54×78    |
| N.W./G.W.(kg)               | 19/20       | 43/45       | 112/123     | 136/153     | 195/215      | 276/297      | 349/377      |

### E3-IN-1 Electric Combination of Shear, Brake & Roll Machine



**DE3-IN-1/1320**



| Model                       | DE3-IN-1/1320 |
|-----------------------------|---------------|
| Max. shearing thickness(mm) | 3.0           |
| Max. shearing width(mm)     | 1320          |
| Shearing angle              | 2             |
| Number of stroke(per min)   | 30            |
| Back-gauge range(mm)        | 450           |
| Height of worktable(mm)     | 760           |
| Max. bending thickness(mm)  | 2.0           |
| Max. bending width(mm)      | 1320          |
| Max. rolling thickness(mm)  | 3.0           |
| Max. rolling width(mm)      | 1500          |
| Min. rolling dia.(mm)       | 90            |
| Mortor power                | 3.0           |
| Packing size(cm)            | 254×145×197   |
| N.W./G.W.(kg)               | 2300/2800     |

- ▶ Combination of shear, brake & roll
- ▶ For shearing, it can achieve single stroke and continuous stroke processing function
- ▶ For bending, there are two functions: Jogging and continuous stroke
- ▶ This machine is the ideal equipment for sheet-metal working

## Electric Shearing Machine



**D11-3x2050**

- ▶ Manual back guage with mm-counter
- ▶ Cutting line lighting
- ▶ Mobile 24V foot switch
- ▶ Automatic rubber-coated sheet hold
- ▶ Bench angle-stop



**D11-2x2550**

- ▶ PLC-control
- ▶ Cutting line lighting
- ▶ Mobile 24V foot switch
- ▶ Two sides shear blades
- ▶ Graphical control system with Finger touch screen
- ▶ Rear guarding with interlock
- ▶ Sheet hold down devices with rolling balls
- ▶ Sheet catcher, pneumatic type
- ▶ Motorized back-gauge with manual fine adjustment

| Model                      | D11-3x1250  | D11-3x2050  | D11-4x1300  | D11-2x2550  |
|----------------------------|-------------|-------------|-------------|-------------|
| Max shearing thickness(mm) | 3.0         | 3.0         | 4.0         | 2.0         |
| Max shearing width(mm)     | 1250        | 2050        | 1300        | 2550        |
| Shearing angle             | 2°          | 2°          | 2.4°        | 1.6°        |
| No. of stroke (per minute) | 30          | 30          | 30          | 30          |
| Motor power(kW)            | 3           | 4           | 4           | 4           |
| Back gauge(mm)             | 630         | 630         | 630         | 630         |
| Dimension(cm)              | 184×103×135 | 266×116×147 | 191×116×145 | 320×116×148 |
| N.W./G.W.                  | 980/1140    | 1520/1650   | 1320/1520   | 1900/2150   |

## Manual Shearing Machine

- ▶ Cast iron frame
- ▶ With both front & back gauge
- ▶ Used for mild steel, aluminium copper, brass zinc plastic and leads
- ▶ High carbon and chrome steel blade



**D01-1.5x1320**



- ▶ Steel plate structure
- ▶ with Lower pedal
- ▶ Used for mild steel, aluminium copper, brass zinc plastic and leads
- ▶ High carbon and chrome steel blade

**D01-1.5x1320A**

- ▶ Used for mild steel, aluminium copper, brass zinc plastic and leads
- ▶ High carbon and chrome steel blade
- ▶ Hand control

**D01-1.5x1500**



| Model                        | D01-1.0x1000 | D01-1.5x1320 | D01-2x1000 | D01-1.5x1320A | D01-1.5x1500 | D01-1.25x2000 |
|------------------------------|--------------|--------------|------------|---------------|--------------|---------------|
| Width (mm)                   | 1000         | 1320         | 1000       | 1320          | 1500         | 2000          |
| Max. shearing thickness (mm) | 1.0          | 1.5          | 2.0        | 1.5           | 1.5          | 1.25          |
| Back gauge range (mm)        | 0-840        | 0-840        | 0-840      | 0-840         | 0-300        | 0-300         |
| Packing size (cm)            | 140×76×115   | 168×76×115   | 140×76×115 | 168×76×115    | 208×76×120   | 258×76×120    |
| N.W./G.W.(kg)                | 365/410      | 491/545      | 430/490    | 460/520       | 445/515      | 511/600       |

## Manual Folding Machine



### Features

- They have the function of air spring which can be installed inside the arm (optional)
- Our precision folding machine is used for bending the sheet metal parts. The upper blade can be dismantled for use. It can choose a combination of upper blades according to the abnormality degree and length of the workpiece.

| Model                      | DPB1020/2.5 | DPB1270/2  | DPB1520/1.5 | DPB2020/1.2 | DPB2520/1.0 |
|----------------------------|-------------|------------|-------------|-------------|-------------|
| Max. working length(mm)    | 1020        | 1270       | 1520        | 2020        | 2520        |
| Max. sheet thickness(mm)   | 2.5         | 2.0        | 1.5         | 1.2         | 1.0         |
| Max. clamping bar lift(mm) | 47          | 47         | 47          | 47          | 47          |
| Folding angle              | 0-135°      | 0-135°     | 0-135°      | 0-135°      | 0-135°      |
| Packing size (cm)          | 146X62X127  | 170X71X127 | 196X71X130  | 247X94X132  | 297X94X132  |
| N.W./G.W(kg)               | 285/320     | 320/360    | 385/456     | 490/640     | 590/770     |

### Features

- A fully developed quick release system for the clamp beam segment ensures fast interchangeability
- The folding beams are fitted with a counter-balance and angle stop to provide a perfect and effective operation within the full capacity of the machine
- The optional back-gauge can be easily mounted when using the pre-drilled fixing point

| Model                       | DPB1020/2A | DPB1270/2A | DPB1520/1.5A | DPB1020/3SH | DPB1270/3SH |
|-----------------------------|------------|------------|--------------|-------------|-------------|
| Max. working length (mm)    | 1020       | 1270       | 1520         | 1020        | 1270        |
| Max. sheet thickness (mm)   | 2.0        | 2.0        | 1.5          | 2.0         | 1.5         |
| Max. clamping bar lift (mm) | 47         | 47         | 47           | 45          | 45          |
| Folding angle               | 135°       | 135°       | 135°         | 150°        | 150°        |
| Packing size(cm)            | 146x62x127 | 170x71x127 | 196x71x130   | 142x59x142  | 167x66x142  |
| N.W./G.W.(kg)               | 320/350    | 350/385    | 395/466      | 430/470     | 465/510     |

## Pan & Box Brake Machine



### Features

- With segment bending blade for the bending of box section.
- Various widths segment shiftable setup.
- With balanced hammer , it can easy to operate and easy for folding

| Model       | Capacity (mm) |             |        | Packing size(cm) | N.W./G.W.(kg) |
|-------------|---------------|-------------|--------|------------------|---------------|
|             | Length        | Thickness   | Angle  |                  |               |
| DW2.5X1220  | 1220mm(48")   | 2.5mm(12Ga) | 0-135° | 171x75x94        | 513 / 575     |
| DW2.0X2040A | 2040mm(80")   | 2.0mm(14Ga) | 0-135° | 255x76x100       | 850/1000      |
| DW2.5X2040A | 2040mm(80")   | 2.5mm(12Ga) | 0-135° | 255x76x100       | 1145/1295     |
| DW2.0X2540A | 2540mm(100")  | 2.0mm(14Ga) | 0-135° | 300x76x100       | 1190/1360     |
| DW2.5X2540A | 2540mm(100")  | 2.5mm(12Ga) | 0-135° | 300x76x100       | 1310/1480     |
| DW2.0X3050A | 3050mm(120")  | 2.0mm(14Ga) | 0-135° | 350x76x110       | 1490/1690     |
| DW1.2X3700A | 3700mm(146")  | 1.2mm(20Ga) | 0-135° | 425x85x120       | 2450/2670     |
| DW0.8X4000A | 4000mm(157")  | 0.8mm(22Ga) | 0-135° | 470x90x120       | 2700/2950     |

## Slip Roll Machine



DMER-1300x1.5



DMER-1300x4.5

- ▶ Asymmetrical roll bending machine with 3 high strength steel rolls
- ▶ Fixed top roller, adjustable lower and rear rollers
- ▶ Standard series wire core groove
- ▶ Top roll swing out across cam lock
- ▶ Supplied with conical bending feature



| Model         | Max.rolling thickness(mm) | Max.rolling width(mm) | Dia.of roller(mm) | Motor power(kW) | Dimension(cm) | N.W./G.W.(kg) |
|---------------|---------------------------|-----------------------|-------------------|-----------------|---------------|---------------|
| DMER-1300x1.5 | 1.5                       | 1300                  | 75                | 0.75            | 180x65x110    | 280/340       |
| DMER-1300x2.5 | 2.5                       | 1300                  | 90                | 1.5             | 200x72x120    | 540/600       |
| DMER-1300x4.5 | 4.5                       | 1300                  | 120               | 2.2             | 200x76x127    | 750/830       |
| DMER-1550x3.5 | 3.5                       | 1550                  | 120               | 2.2             | 222x76x127    | 790/890       |
| DMER-2020x3.0 | 3.0                       | 2020                  | 127               | 4.0             | 270x87x130    | 1100/1200     |

## Manual Rolling Machine



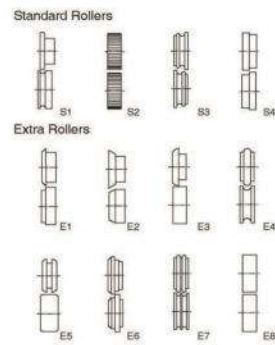
| Model         | Max.Thickness (mm) | Max. width (mm) | Dia.of roll (mm) | Packing size (cm) | N.W./G.W. (kg) |
|---------------|--------------------|-----------------|------------------|-------------------|----------------|
| DMMR-2x1000   | 2                  | 1000            | 60               | 155x62x118        | 200/240        |
| DMMR-2x1250   | 2                  | 1250            | 60               | 180x62x118        | 223/262        |
| DMMR-1.5x1300 | 1.5                | 1300            | 75               | 175x45x60         | 235/270        |

## Bead Bending Machine

- ▶ Heavy and solid cast iron construction
- ▶ Special steel adjustable bottom spindle
- ▶ Self-braking motor with subframe(E-type)
- ▶ Easy to operate with foot pedal control(E-type)
- ▶ 4 sets standard rollers



DBB 12

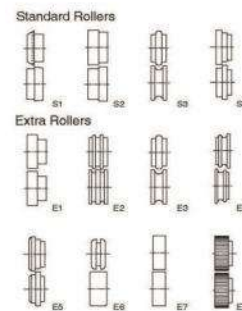


| Model           | DBB 12       | DEBB12       |
|-----------------|--------------|--------------|
| Thickness max   | 1.2mm/18Ga   | 1.2mm/18Ga   |
| Cylinder length | 140mm/5-1/2" | 140mm/5-1/2" |
| Throat depth    | 200mm/8"     | 200mm/8"     |
| Cylinder speed  |              | 32rpm        |
| Motor power     |              | 0.75kW/1HP   |
| Net weight      | 48kg/106lb   | 120kg/265lb  |
| Packing(cm)     | 67x32x60     | 110x48x148   |

- ▶ Steel welded construction frame
- ▶ Adjustable idle roller
- ▶ Steel shaft with bronze bushings
- ▶ Reduction motor with brake system
- ▶ Movement of rollers with foot pedal
- ▶ Complete with stand
- ▶ 4 sets standard rollers

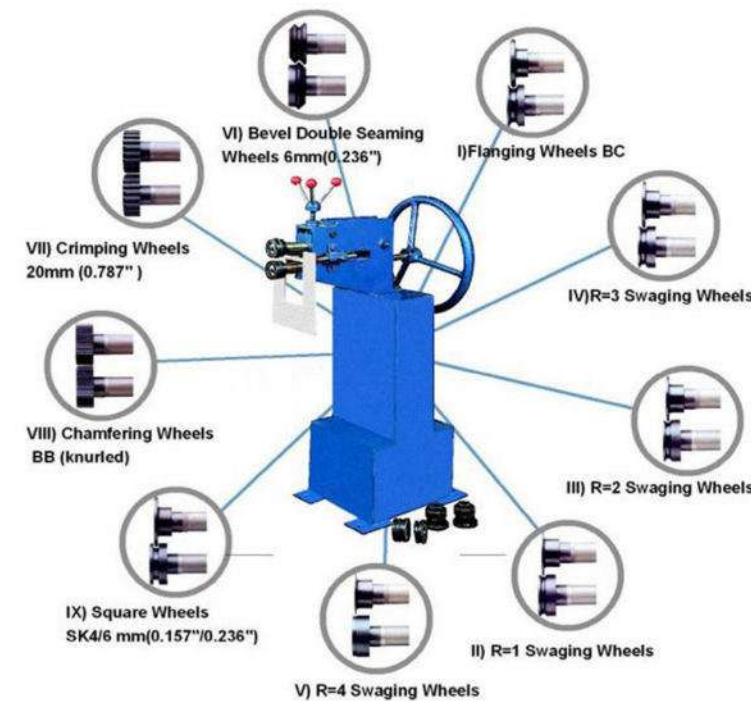


DEBB 25  
DEBB 40



| Model           | DEBB 25         | DEBB 40         |
|-----------------|-----------------|-----------------|
| Thickness max   | 2.5mm<br>12Ga   | 4mm<br>8Ga      |
| Cylinder length | 120mm<br>4-3/4" | 165mm<br>6-1/2" |
| Throat depth    | 280mm<br>11"    | 300mm<br>12"    |
| Cylinder speed  | 20rpm           | 15.3rpm         |
| Motor power     | 1.5kW/2HP       | 2.2kW/3HP       |
| Net weight      | 235kg/518lb     | 341kg/752lb     |
| Packing(cm)     | 147x58x135      | 165x58x140      |

## Rotary Machine



### Technical Parameters

| Model  | Shape | Capacity (mm) | Motor (kw) | Weight (kg) | Dimension size (L.W.H)(mm) |
|--------|-------|---------------|------------|-------------|----------------------------|
| DLX-18 |       | 1.8           | 2.2        | 145         | 850x450x1180               |
| DLX-15 |       | 1.5           | 0.75       | 85          | 870X400X1000               |
| DLH-10 |       | 1.0           |            | 50          | 470X615X1030               |



## Bench Grinding Machine



### Technical Parameters

| Model          | DBG3020      | DBG3025      | DBGQ3025     | DBG3030      | DBG3035      | DBG3040      |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Wheelsize(mm)  | 200x25x32    | 250x25x32    | 250x25x32    | 300x40x75    | 350x40x75    | 400x40x127   |
| Power(Kw)      | 0.5          | 0.75         | 1.1          | 1.5          | 1.75         | 2.2          |
| Voltage(V)     | 380          |              |              |              |              |              |
| Phase          | 3 Phases     |              |              |              |              |              |
| Speed(r/min)   | 2850         | 2850         | 2850         | 1440         | 1440         | 1440         |
| Dimensions(mm) | 400x420x900  | 500x405x965  | 500x405x965  | 680x450x1030 | 690x450x1050 | 710x500x1075 |
| Weight(Kg)     | 37           | 46           | 48           | 97.5         | 105          | 113          |
| foot size(mm)  | 370x350xΦ 16 | 350x350xΦ 16 | 350x350xΦ 16 | 388x428xΦ 16 | 388x428xΦ 16 | 388x428xΦ 16 |

| Model          | DBG3320                                    | DBG3325                                   | DBG3330                                | DBG3335                                  | DBG3340                                  |
|----------------|--|---|--|--|--|
| Wheelsize(mm)  | 200x25x32                                  | 250x25x32                                 | 300x40x75                              | 350x40x75                                | 400x40x127                               |
| Power(Kw)      | main motor 0.75<br>dust removal motor 0.75 | main motor 1.5<br>dust removal motor 0.75 | main motor 2<br>dust removal motor 1.1 | main motor 2.5<br>dust removal motor 1.1 | main motor 2.7<br>dust removal motor 1.1 |
| Voltage(V)     | 380  |   |  |  |  |
| Phase          | 3 Phases                                   |   |  |  |  |
| Speed(r/min)   | 2800                                       | 2800                                      | 1440                                   | 1440                                     | 1440                                     |
| Dimensions(mm) | 500x840x1040                               | 540x750x1000                              | 500x840x1100                           | 500x840x1130                             | 500x840x1130                             |
| Weight(Kg)     | 81.5                                       | 140                                       | 226                                    | 231                                      | 270                                      |
| foot size(mm)  | 350x750xΦ 12                               | 322x648xΦ 12                              | 428x820xΦ 12                           | 350x750xΦ 12                             | 350x750xΦ 12                             |

## Lock Former Machine



| Model    | Motor (kw) | Capacity (mm) | Shape | Weight (kg) | Dimension size (L.W.H) |
|----------|------------|---------------|-------|-------------|------------------------|
| DLF-10   | 1.5        | 0.3-1.0       |       | 175         | 920X580X890            |
| DLF-10R  | 1.5        | 0.3-1.0       |       | 185         | 920X580X1020           |
| DLF-10C  | 1.5        | 0.3-1.0       |       | 185         | 920X580X1020           |
| DLF-10E  | 2.2        | 0.3-1.0       |       | 220         | 1200X600X950           |
| DLF-10B  | 1.5        | 0.3-1.0       |       | 175         | 920X580X880            |
| DLF-10BR | 1.5        | 0.3-1.0       |       | 185         | 920X580X1020           |
| DLF-12   | 1.5        | 0.5-1.2       |       | 215         | 1050X580X880           |
| DLF-12R  | 1.5        | 0.5-1.2       |       | 220         | 1050X580X1050          |
| DLF-12B  | 1.5        | 0.5-1.2       |       | 210         | 1050X580X880           |
| DLF-12BR | 1.5        | 0.5-1.2       |       | 225         | 1050X580X1060          |
| DLF-12C  | 1.5        | 0.5-1.2       |       | 210         | 1050X580X880           |
| DLF-12D  | 1.5        | 0.5-1.2       |       | 215         | 1050X580X880           |
| DLF-12DR | 1.5        | 0.5-1.2       |       | 230         | 1050X580X1050          |
| DLF-12M  | 2.2        | 0.5-1.2       |       | 360         | 1520X650X1010          |
| DLF-12MR | 2.2        | 0.5-1.2       |       | 370         | 1152X650X1050          |
| DLF-15   | 2.2        | 0.7-1.5       |       | 280         | 1140X660X920           |
| DLF-15R  | 2.2        | 0.7-1.5       |       | 305         | 1150X660X1080          |
| DLF-15B  | 2.2        | 0.7-1.5       |       | 285         | 1150X660X920           |
| DLF-15BR | 2.2        | 0.7-1.5       |       | 305         | 1150X660X1080          |
| DLF-15C  | 2.2        | 0.7-1.5       |       | 290         | 1150X660X1080          |
| DLF-15D  | 2.2        | 0.7-1.5       |       | 290         | 1420X660X920           |
| DLF-15DR | 2.2        | 0.7-1.5       |       | 310         | 1650X660X1080          |
| DLF-15M  | 2.2        | 0.7-1.5       |       | 360         | 1420X680X1160          |
| DLF-20   | 3.0        | 0.7-2.0       |       | 435         | 1650X650X1050          |

## NC Pipe Bending Machine



DMP 168/219/325/400 NC



### Mechanical Characteristics

The microcomputer control is adopted with strong functions, high extensibility, English subtitles and dialogue-based operation, easy to learn and understand. Set speed by segmentation with high precision of elbow pipes. The sixteenth level elbow pipe data setting and storage, and remarkably smooth assembly of work pieces of many angles. The functions of reloading with auxiliary shoving and slowly returning the core can be achieved. The thin-wall pipes can be bent and manufactured. Extensively used in large ship building and repair, boiler, petroleum pipeline and auto spare parts.

|                                       | DMP168NC    | DMP219NC    | DMP325NC    | DMP400NC    |
|---------------------------------------|-------------|-------------|-------------|-------------|
| Min bending R for carbon pipe is:1.5D | ø168x14.0t  | ø219x18.0t  | ø325x20.0t  | ø400x22.0t  |
| Min bending R for S.S pipe is:1.5D    | ø135x10.0t  | ø168x10.0t  | ø275x12.0t  | ø325x14.0t  |
| Availability length of bending pipe   | 3600mm      | 4000mm      | 4500mm      | 4500mm      |
| Max R for bending                     | 550mm       | 700mm       | 1000mm      | 1150mm      |
| Max angle for bending                 | 185°        | 185°        | 185°        | 185°        |
| Bending process for every pipe        | 16          | 16          | 16          | 16          |
| Oil pressure                          | 14mpa       | 14mpa       | 14mpa       | 14mpa       |
| Electrical motor power                | 30kw        | 45kw        | 55kw        | 55/75kw     |
| Weight                                | 12000kg     | 18000kg     | 21000kg     | 27000kg     |
| Size (LxWxH) (cm)                     | 630x250x130 | 690x225x175 | 720x230x180 | 730x230x185 |



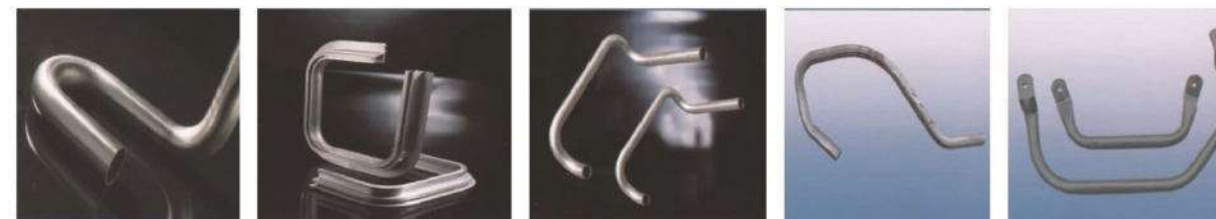
DMPNCBL

### Mechanical Characteristics

Adopt PLC+ touch screen control imported from Taiwan and Chinese-English subtitles with easy operation. Adopt servo motor imported from Japan + Taiwan reduction gears, accurately segment precision, set speed of elbow pipe with its high precision. The angle of elbow pipe can be set for many times in the sixteenth level elbow pipe data setting and storage. The thin-wall pipes can be bent and manufactured. Adopt manual feeding materials, set the length of feeding materials with limited block, and automatically adjust the pipe angle, with accurate precision and extremely high cost performance.

|                                       | DMP38NCBL   | DMP50NCBL  | DMP63NCBL  | DMP75NCBL  | DMP89NCBL   | DMP115NCBL  | DMP130NCBL  | DMP168NCBL  |
|---------------------------------------|-------------|------------|------------|------------|-------------|-------------|-------------|-------------|
| Min bending R for carbon pipe is:1.5D | ø38.1x2.0t  | ø50.8x2.0t | ø63.5x2.1t | ø76.2x2.5t | ø88.9x3.0t  | ø115x6.0t   | ø130x8.0t   | ø168x10t    |
| Min bending R for S.S pipe is:1.5D    | ø31.7x1.5t  | ø34x2.2t   | ø38x2.0t   | ø51x2.0t   | ø57x2t      | ø89x2.0t    | ø102x3.5t   | ø133x6t     |
| Manual feed distance                  | 2100mm      | 2200mm     | 2200mm     | 2200mm     | 2500mm      | 2700mm      | 2800mm      | 4500mm      |
| *Max R for bending                    | 175mm       | 200mm      | 200mm      | 300mm      | 300mm       | 500mm       | 500mm       | 550mm       |
| *Max angle for bending                | 185°        | 185°       | 185°       | 185°       | 185°        | 185°        | 185°        | 185°        |
| Bending process for every pipe        | 16          | 16         | 16         | 16         | 16          | 16          | 16          | 8           |
| Oil pressure                          | 12mpa       | 14mpa      | 14mpa      | 14mpa      | 14mpa       | 14mpa       | 14mpa       | 14mpa       |
| Electrical motor power                | 4kw         | 5.5kw      | 5.5kw      | 7.5kw      | 11kw        | 22kw        | 22kw        | 30kw        |
| Weight                                | 1150kg      | 1500kg     | 1600kg     | 2700kg     | 2850kg      | 8000kg      | 11000kg     | 12500kg     |
| Size (LxWxH) (cm)                     | 380x100x130 | 390x80x140 | 410x90x130 | 450x90x120 | 480x118x130 | 530x160x140 | 540x180x140 | 630x250x130 |

\*Can be customized



## NC Pipe Bending Machine



**DMP 38/50/63 NC**



**DMP 75/89/115/130 NC**

NC PIPE BENDING

NC PIPE BENDING

|                                       | DMP25NC    | DMP38NC     | DMP50NC    | DMP63NC    |
|---------------------------------------|------------|-------------|------------|------------|
| Min bending R for carbon pipe is:1.5D | ø25.1x1.5t | ø38.1x2.0t  | ø50.8x2.0t | ø63.5x2.5t |
| Min bending R for S.S pipe is:1.5D    | ø22.1x1.5t | ø31.75x1.5t | ø35x2.2t   | ø38x2.0t   |
| Availability length of bending pipe   | 1450mm     | 1800mm      | 2200mm     | 3100mm     |
| Max R for bending                     | 90mm       | 175mm       | 200mm      | 220mm      |
| Max angle for bending                 | 185°       | 185°        | 185°       | 185°       |
| Bending process for every pipe        | 16         | 16          | 16         | 16         |
| Oil pressure                          | 12mpa      | 14mpa       | 14mpa      | 14mpa      |
| Electrical motor power                | 3kw        | 4kw         | 5.5kw      | 5.5kw      |
| Weight                                | 850kg      | 1200kg      | 1350kg     | 1500kg     |
| Size                                  | 230x70x110 | 260x73x123  | 310x75x120 | 320x80x130 |



|                                       | DMP75NC     | DMP89NC     | DMP115NC    | DMP130NC    |
|---------------------------------------|-------------|-------------|-------------|-------------|
| Min bending R for carbon pipe is:1.5D | ø76.2x3.0t  | ø88.9x3.0t  | ø115x6.0t   | ø130x8.0t   |
| Min bending R for S.S pipe is:1.5D    | ø51x2t      | ø57x2t      | ø88.9x2.0t  | ø102x3.0t   |
| Availability length of bending pipe   | 3100mm      | 3500mm      | 3600mm      | 3700mm      |
| Max R for bending                     | 280mm       | 300mm       | 500mm       | 500mm       |
| Max angle for bending                 | 185°        | 185°        | 185°        | 185°        |
| Bending process for every pipe        | 16          | 16          | 16          | 16          |
| Oil pressure                          | 14mpa       | 14mpa       | 14mpa       | 14mpa       |
| Electrical motor power                | 7.5kw       | 11kw        | 22kw        | 22kw        |
| Weight                                | 2500kg      | 3050kg      | 7000kg      | 8500kg      |
| Size (LxWxH) ( cm )                   | 450x110x150 | 480x120x130 | 530x160x140 | 540x180x140 |



## CNC Pipe Bending Machine



**DMP25CNC-2A-1S**  
25/38/50/63/75/89/115/130/168/219/325

### Properties

Automatic identification of dynamic characteristics of machine tool/work piece-rapid and good processing;  
Return the core and boost with trolley---improve the appearance of corner piece.  
The Chinese operation prompts +15 inch true color display + touch screen---simple and clear operation.  
The graphical programming system: the processing procedure can be obtained upon the vertical tube painting system/modification on the screen --- simple, convenient, rapid and accurate programming.  
Resilience measurement- the property of batches of pipes can be compared and measured.  
Single-step debugging function --- the deformation process of pipes is observed closely during mould trial-manufacture.  
Automatic mould drawing --- help significantly develop new products.  
Comprehensive monitoring: Hydraulic/electrical/drive system, motor phase loss/reversal, voltage, temperature, oil pressure, automatic fault diagnosis, passwords, key, records of working hours/number, for production management.

|                                       | DMP25<br>CNC-2A-1S | DMP38<br>CNC-2A-1S | DMP50<br>CNC-2A-1S | DMP63<br>CNC-2A-1S | DMP75<br>CNC-2A-1S | DMP89<br>CNC-2A-1S |
|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Min bending R for carbon pipe is 1.5D | ø25.1x1.6t         | ø38.1x2.0t         | ø50.8x2.0t         | ø63.5x2.0t         | ø76.2x2.0t         | ø88.9x2.0t         |
| Max feed distance                     | 1300mm             | 2100mm             | 2400mm             | 2500mm             | 2800mm             | 3000mm             |
| Feeding method                        | Servo motor        |                    |                    |                    |                    |                    |
| Max R for bending                     | 175mm              | 175mm              | 250mm              | 250mm              | 300mm              | 300mm              |
| *Max angle for bending                | 185°               | 185°               | 185°               | 185°               | 185°               | 185°               |
| Bending process for every pipe        | 16                 | 16                 | 16                 | 16                 | 16                 | 16                 |
| Max bending group                     | 200                | 200                | 200                | 200                | 200                | 200                |
| working rate                          | Bending Rate       | Max.45             | Max.45             | Max.40             | Max.35             | Max.25             |
|                                       | Rotary Rate        | Max.270            | Max.270            | Max.270            | Max.270            | Max.180            |
|                                       | Feeding Rate       | Max.700            | Max.700            | Max.700            | Max.700            | Max.600            |
|                                       | Bending Angle      | ±0.15°             | ±0.15°             | ±0.15°             | ±0.15°             | ±0.15°             |
| working Accuracy                      | Rotary Angle       | ±0.1°              | ±0.1°              | ±0.1°              | ±0.1°              | ±0.1°              |
|                                       | Feeding Length     | ±0.1mm             | ±0.1mm             | ±0.1mm             | ±0.1mm             | ±0.1mm             |
|                                       | Data Input Method  | (Y.B.C)            | (Y.B.C)            | (Y.B.C)            | (Y.B.C)            | (Y.B.C)            |
| Rotary Servo motor Power              | 400w               | 850w               | 850w               | 850w               | 1300w              | 1300w              |
| Feeding Servo motor Power             | 750w               | 1300w              | 1300kw             | 1300kw             | 2000kw             | 2000kw             |
| Electric Motor Power                  | 4Kw                | 4Kw                | 5.5Kw              | 5.5Kw              | 7.5Kw              | 11Kw               |
| Weight                                | 1000kg             | 2100kg             | 2500kg             | 2800kg             | 3600kg             | 3800kg             |
| Size (LxWxH) (cm)                     | 250x60x120         | 380x100x130        | 430x90x130         | 430x90x140         | 510x120x140        | 530x120x140        |



**DMP25CNC-3A-2S**  
25/38/50/63/75/89/115/130/168/219

|                                       | DMP25CNC-3A-2S    | DMP38CNC-3A-2S | DMP50CNC-3A-2S | DMP63CNC-3A-2S | DMP75CNC-3A-2S | DMP89CNC-3A-2S |
|---------------------------------------|-------------------|----------------|----------------|----------------|----------------|----------------|
| Min bending R for carbon pipe is:1.5D | ø25.1x1.6t        | ø38.1x2.0t     | ø50.8x2.0t     | ø63.5x2.0t     | ø76.2x2.0t     | ø88.9x2.0t     |
| Max feed distance                     | 1300mm            | 2100mm         | 2400mm         | 2500mm         | 2800mm         | 3000mm         |
| Feeding method                        | /                 |                |                |                |                |                |
| Max R for bending                     | 175mm             | 175mm          | 250mm          | 250mm          | 300mm          | 300mm          |
| *Max angle for bending                | 185°              | 185°           | 185°           | 185°           | 185°           | 185°           |
| Bending process for every pipe        | 16                | 16             | 16             | 16             | 16             | 16             |
| Max bending group                     | 500               | 500            | 500            | 500            | 500            | 500            |
| working rate                          | Bending Rate      | Max.45         | Max.45         | Max.40         | Max.35         | Max.25         |
|                                       | Rotary Rate       | Max.270        | Max.270        | Max.270        | Max.270        | Max.180        |
|                                       | Feeding Rate      | Max.900        | Max.900        | Max.900        | Max.900        | Max.700        |
|                                       | Bending Angle     | ±0.15°         | ±0.15°         | ±0.15°         | ±0.15°         | ±0.15°         |
| working Accuracy                      | Rotary Angle      | ±0.1°          | ±0.1°          | ±0.1°          | ±0.1°          | ±0.1°          |
|                                       | Feeding Length    | ±0.1mm         | ±0.1mm         | ±0.1mm         | ±0.1mm         | ±0.1mm         |
|                                       | Data Input Method | (Y.B.C)        | (Y.B.C)        | (Y.B.C)        | (Y.B.C)        | (Y.B.C)        |
| Rotary Servo motor Power              | 400w              | 850w           | 850w           | 850w           | 850w           | 1300w          |
| Feeding Servo motor Power             | 850kw             | 1.0kw          | 1.0kw          | 1.5kw          | 2kw            | 2kw            |
| Electric Motor Power                  | 4kw               | 4kw            | 5.5kw          | 5.5kw          | 7.5kw          | 11kw           |
| Weight                                | 1100kg            | 2100kg         | 2400kg         | 2800kg         | 3800kg         | 4200kg         |
| Size (LxWxH) (cm)                     | 280x70x130        | 400x110x130    | 430x100x150    | 450x100x150    | 520x120x140    | 560x120x160    |

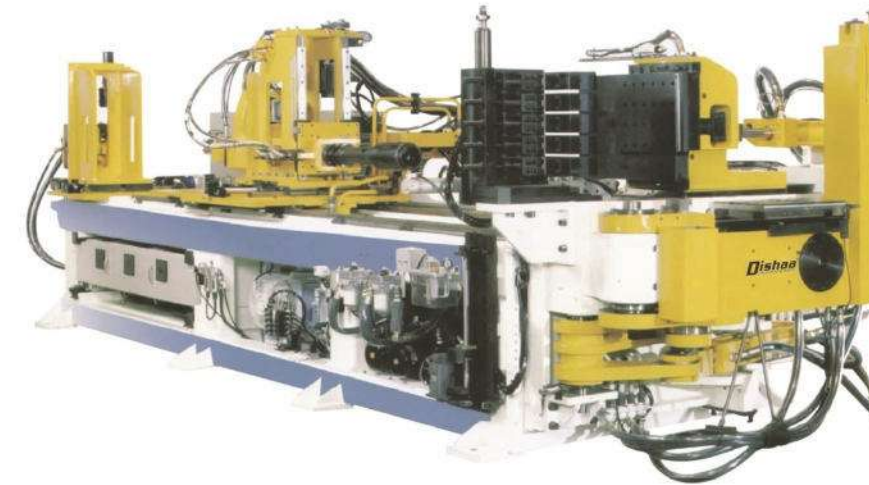


## CNC Pipe Bending Machine



**DMP38CNC-5A-3S**

25/38/50/63/75/89/115/130/168



**DMP130CNC-6A-4S**

25/38/50/63/75/89/115/130/168

CNC PIPE BENDING

CNC PIPE BENDING

|                                      | 1.DMP25CNC-5A-3S<br>2.DMP25CNC-5A-4S | 1.DMP38CNC-5A-3S<br>2.DMP38CNC-5A-4S | 1.DMP50CNC-5A-3S<br>2.DMP50CNC-5A-4S |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Max bending capacity                 | ø25mmx1.6mm                          | ø38mmx2mm                            | ø50mmx3mm                            |
| Max R for bending                    | R100mm                               | R180mm                               | R250mm                               |
| Max feeding distance                 | 2200mm                               | 2500mm                               | 3000mm                               |
| Max angle for bending                | 190°                                 | 190°                                 | 190°                                 |
| working speed                        | Bending speed                        | Max.200                              | Max.150                              |
|                                      | Rotary speed                         | Max.200                              | Max.200                              |
|                                      | Feeding speed                        | Max.1000mm                           | Max.1000mm                           |
| working Accuracy                     | Bending Angle                        | ± 0.1°                               | ± 0.1°                               |
|                                      | Rotary Angle                         | ± 0.1°                               | ± 0.1°                               |
|                                      | Feeding Length                       | ± 0.1mm                              | ± 0.1mm                              |
| Data Input Method                    | 1.(X,Y,Z) 2.(Y,B,C)                  | 1.(X,Y,Z) 2.(Y,B,C)                  | 1.(X,Y,Z) 2.(Y,B,C)                  |
| Bending method                       | 2kw                                  | 5kw                                  | 1.; 5kw                              |
| Rotary Servo motor Power             | 400w                                 | 750w                                 | 750w                                 |
| Feeding Servo motor Power            | 750w                                 | 1kw                                  | 1kw                                  |
| Max bends every pipe                 | 1.16 (PLC) 2. 33                     | 1.16 (PLC) 2. 33                     | 1.16 (PLC) 2. 33                     |
| Max bending storage                  | 1.1000 (PLC) 2. 2                    | 1.1000 (PLC) 2. 2                    | 1.1000 (PLC) 2. 2                    |
| Electrl motor power                  | 3kw                                  | 4kw                                  | 5.5kw                                |
| Maximum system pressure (adjustable) | 12Mpa                                | 12Mpa                                | 12Mpa                                |
| Bending mold gap                     | Max.35mm                             | Max.50mm                             | Max.75mm                             |
| Weight                               | 1000kg                               | 1500kg                               | 3500kg                               |
| Size (cm)                            | 320x75x110                           | 450x90x140                           | 460x110x150                          |



### Properties

Multi-S series bender is a multi-mode pipe bender, which is equipped with servo motor or proportional servo valve based on different models and is capable of multi-axis control, with bending capacity less than 325mm in pipe diameter. According to different user needs, multiple bending capacities can be provided, for example, elbow boosting of 1D materials and end bend boosting skill. Manufacturing of spare parts for such industries as parts necessary for auto industry, healthy sports equipment, furniture, medical apparatus and instruments, engineering construction machinery and other industries.

Four sets of moulds can be simultaneously loaded to rapidly install and replace different bending radii; servo control system, small amount of hydraulic oil, and oil temperature not too high 1-4 layers of bending moulds can be added to CNC5 axis motor servo control; early pulling of core can be set for core rod

Each layer of moulds can independently control auxiliary boosting speed of guided mould; equipped with adjustable wrinkle-proof plate holder CNC numerical value controls and matches high mechanical accuracy, and improves bending speed and accuracy

Direct feeding or feeding by clamping can be chosen

Equipped with IPC (industrial computer) and touch control screen

Can be equipped with interference simulation software, and the operator can input parameters to view if there is any collision or error (optional)

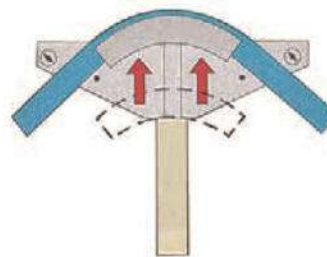
|                                      | DMP63CNC-5A-3S      | DMP75CNC-5A-3S      | DMP89CNC-5A-3S      | DMP115CNC-5A-3S     |
|--------------------------------------|---------------------|---------------------|---------------------|---------------------|
| Max bending capacity                 | ø63mmx4mm           | ø75mmx4mm           | ø89mmx8mm           | ø115mmx8mm          |
| (1) Max R for bending                | R250mm              | R250mm              | R250mm              | R350mm              |
| (2) Min bending radius               |                     |                     |                     |                     |
| Max angle for bending                | 190°                | 190°                | 190°                | 190°                |
| (3) Max feeding distance             | 3000mm              | 3000mm              | 3000mm              | 3000mm              |
| Feeding method                       |                     |                     |                     |                     |
| working speed                        | Bending speed       | Max.85              | Max.40              | Max.30              |
|                                      | Rotary speed        | Max.200             | Max.160             | Max.160             |
|                                      | Feeding speed       | Max.1000mm          | Max.800mm           | Max.800mm           |
| working Accuracy                     | Bending Angle       | ± 0.1°              | ± 0.1°              | ± 0.1°              |
|                                      | Rotary Angle        | ± 0.1°              | ± 0.1°              | ± 0.1°              |
|                                      | Feeding Length      | ± 0.1mm             | ± 0.1mm             | ± 0.1mm             |
| Data Input Method                    | 1.(X,Y,Z) 2.(Y,B,C) | 1.(X,Y,Z) 2.(Y,B,C) | 1.(X,Y,Z) 2.(Y,B,C) | 1.(X,Y,Z) 2.(Y,B,C) |
| Bending method                       | 1kw                 | 2kw                 | 5kw                 | 5kw                 |
| Rotary Servo motor Power             | 750w                | 1kw                 | 1.5kw               | 1.5kw               |
| Feeding Servo motor Power            | 1kw                 | 1.5kw               | 2kw                 | 3.5kw               |
| Max bends every pipe                 |                     | 1.16 (PLC) 2. 33    |                     |                     |
| (4) Max bending storage              |                     | 1.1000 (PLC) 2. 2   |                     |                     |
| Electrl motor power                  | 5.5kw               | 7.5kw               | 11kw                | 22kw                |
| Maximum system pressure (adjustable) | 12Mpa               | 12Mpa               | 14Mpa               | 14Mpa               |
| (5) Bending mold gap                 | Max80mm             | Max90mm             | Max100mm            | Max110mm            |
| Weight                               | 3800kg              | 4500kg              | 5500kg              | 8000kg              |
| Size (cm)                            | 5200x1300x1750      | 5200x1350x1230      | 5650x1350x1360      | 5700x1350x1400      |

## Manual Hydraulic Pipe Bending Machine



### Product Description

- Simple manual hydraulic operation for easy use.
- Completely manual hydraulic operation so external power is not needed.
- Heavy-duty hydraulic cylinder capable of bending schedule 40 pipe.
- Cold bending pipes only in one turn. Up to 90 degree, hydraulic equipment makes more precise bending.
- Pipe stands are also included for better bending experience.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°



Bending illustration

### Specifications

| Model No. | Max | Max stroke | Bending dies                                       | Pipe wall thickness | G. W. | Dimension   |
|-----------|-----|------------|--|---------------------|-------|-------------|
| DPB-2J    | 13T | 250mm      | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"                 | 2.75-4.5mm          | 53kg  | 73×32×20cm  |
| DPB-3J    | 20T | 290mm      | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"     | 2.75-5mm            | 105kg | 94×40×21cm  |
| DPB-4J    | 23T | 370mm      | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4" | 2.75-6mm            | 155kg | 118×46×23cm |

## Electric Hydraulic Pipe Bending Machine



### Product Description

- Electric hydraulic bender up to 4" pipe.
- Using range: applicable to general pipe, conductor pipe, gas pipe, the thick steel pipe, etc., bending angle up to 90 degree.
- All bending dies are made of cast iron than ordinary grey cast iron. With high strength, good toughness and plasticity, more resistant to use, not easy to break.
- Fast setup and disassembly, convenient removing with bottom wheels.
- Stands are optional instead of bottom wheels.
- Equipped with HL-630A one-way pumps for single-acting applications.
- Suitable for cold bending of thick-walled pipes(gas,water and steam pipes, non-heated black iron pipes, galvanized pipes), up to 90°



optional tripod stand

### Specifications

| Model No. | Max pressure | Max stroke | Pump | Bending dies                                       | Pipe wall thickness | G. W. | Dimension   |
|-----------|--------------|------------|------|--|---------------------|-------|-------------|
| DPB-2D    | 13T          | 250mm      | 750W | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2"                 | 2.75-4.5mm          | 74kg  | 96×35×27cm  |
| DPB-3D    | 20T          | 290mm      | 750W | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"     | 2.75-5mm            | 126kg | 118×46×27cm |
| DPB-4D    | 23T          | 370mm      | 750W | 1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4" | 2.75-6mm            | 174kg | 118×46×32cm |

## Profile Bending Machine



DRBM10

| Model   | DRBM10                         |          |              |
|---|--------------------------------|----------|--------------|
|   |                                | Size(mm) | Min Dia.(mm) |
| Max. capacity (mm)<br>(one set standard roller) |                                | 20x5     | 190          |
|   |                                | 30x10    | 500          |
|   |                                | 20x5     | 160          |
|   |                                | 50x10    | 400          |
|   |                                | 10x10    | 160          |
|   |                                | 20x20    | 500          |
| Packing size (cm)                               | 50x48x68(body) 87x77x34(stand) |          |              |
| N.W./G.W.                                       | 153/170kg                      |          |              |

- ▶ Special cast frame
- ▶ Shafts are hardened with special steel material
- ▶ Rollers are special steel material hardened and grounded
- ▶ Gears milled with full material
- ▶ Optional rollers for choice



DRBM30

- ▶ Horizontal operation
- ▶ With standard foot pedal

Model: DMPR-3  
Item No.: 376001  
Ring size rang: 1" to 3"  
Round steel capacity: 1/4"  
Flat steel capacity: 1" to 3/16"  
Handle: 13-1/2"  
N.W./G.W.: 6/7 kg  
Packing size:  
36x20x21 cm



DMPR-3

| Model          | DRBM30      |              |             |  |
|----------------|-------------|--------------|-------------|--|
| Dia. of roller | 30mm        |              |             |  |
| Power          | 1.1kW/1.5HP |              |             |  |
| Spindle speed  | 9r/min      |              |             |  |
| Packing size   | 82x62x126cm |              |             |  |
| N.W./G.W.      | 270/320kgs  |              |             |  |
| Capacity       | Size        | Min dia.(mm) | Article No. |  |
|                | φ 20x1      | 500          | 391001-01   |  |
|                | φ 30x1      | 800          | 391001-02   |  |
|                | φ 16        | 400          | 391001-01   |  |
|                | 20x20x1     | 800          | 391001-03   |  |
|                | 30x30x1     | 900          | 391001-04   |  |
|                | 20x10       | 320          | 391001-05   |  |
| 30x10          | 320         |              |             |  |



DRBM30HV

- ▶ Horizontal and vertical operation
- ▶ With standard foot pedal

| Model          | DRBM30HV                                     |               |                         |  |
|----------------|--|---------------|-------------------------|--|
| Dia. of roller | 30mm   |               |                         |  |
| Power          | 0.75kW/1HP                                   |               |                         |  |
| Spindle speed  | 9r/min                                       |               |                         |  |
| Packing size   | 120X75X121cm                                 |               |                         |  |
| N.W./G.W.      | 244/282kgs                                   |               |                         |  |
| Capacity       | Size (mm)                                    | Min dia. (mm) | Article No.             |  |
|                | 40x40x3                                      | 1000          | one set standard roller |  |
|                | 50x15  | 350           |                         |  |
|                | 50x30x3                                      | 1200          |                         |  |
|                | φ 15 φ 20 φ 25 φ 30                          | 600           | HV30-15-4               |  |
|                | 40x40x2 40x40x3<br>40x40x4 40x40x5           | 400           | HV30-15-5               |  |
|                | 40x40x2 40x40x3<br>40x40x4 40x40x5           | 400           | HV30-15-6               |  |
|                | 50x50x2 50x50x3<br>50x50x4 50x50x5           | 400           | HV30-15-7               |  |
|                | 50x25x2 50x25x3<br>50x25x4 50x25x5           | 300           | HV30-15-8               |  |
|                | 50x25x2 50x25x3<br>50x25x4 50x25x5           | 400           | HV30-15-9               |  |
|                | 50x25x2 50x25x3<br>50x25x4 50x25x5           | 300           | HV30-15-10              |  |
|                | φ 35x2 φ 40x2 φ 45x2<br>φ 50x2 φ 55x2 φ 60x2 | 1000          | HV30-15-11              |  |

## Profile Bending Machine



**DRBM40HV**



**DRBM50**

| Model              | DRBM40HV             |              | DRBM50             |              |
|--------------------|----------------------|--------------|--------------------|--------------|
| Dia. of roller(mm) | Φ40                  |              | Φ50                |              |
| Power              | 1.5kW/2HP            |              | 2.2kW/3HP          |              |
| Spindle speed      | 9.3 r/min            |              | 13 r/min           |              |
| Packing size (cm)  | 127X89X158           |              | 100X82X155         |              |
| N.W./G.W. (kg)     | 425/495              |              | 450/582            |              |
| Capacity           | Size(mm)             | Min Dia.(mm) | Size(mm)           | Min Dia.(mm) |
|                    | 50x10<br>20x6        | 600<br>800   | 60x10<br>40x10     | 500<br>650   |
|                    | 60x20<br>30x6        | 800<br>1250  | 100x15<br>60x10    | 920<br>1150  |
|                    | 30x30<br>10x10       | 650<br>1100  | 35x35<br>20x20     | 600<br>780   |
|                    | 50x6<br>30x3         | 600<br>500   | 60x7<br>50x5       | 750<br>500   |
|                    | 50x6<br>30x3         | 600<br>500   | 60x7<br>50x5       | 750<br>700   |
|                    | 60x40x6<br>30x15x4   | 600<br>900   | 80x45x6<br>65x40x5 | 600<br>550   |
|                    | 60x40x6<br>30x15x4   | 600<br>900   | 80x45x6<br>65x40x5 | 650<br>550   |
|                    | 50x5<br>30x4         | 500<br>500   | 60x5<br>50x5       | 500<br>500   |
|                    | 50x5<br>30x4         | 500<br>500   | 60x5<br>50x5       | 700<br>700   |
|                    | Φ30<br>Φ10           | 650<br>1100  | Φ35<br>Φ30         | 600<br>650   |
|                    | 50x50x2.5<br>30x30x2 | 700<br>800   | 60x60x3<br>40x40x3 | 600<br>500   |
|                    | 50x25x2.5<br>40x20x2 | 800<br>1000  | 70x50x3<br>50x40x3 | 1200<br>800  |

\* All the above processing capacities can be finished by one set of standard combination roller

► Special Roller

| Model   | DRBM40HV   |              | DRBM50   |              |
|---------|--|--------------|--|--------------|
| Profile | Size(mm)   | Min Dia.(mm) | Size(mm)   | Min Dia.(mm) |
|         | 30x2 35x2<br>40x2 45x2<br>50x2 55x2<br>60x2 65x2<br>70x2 | 700          | 30x2 35x2<br>40x2 45x2<br>50x2 55x2<br>60x2 65x2<br>70x2 | 600          |

We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.

| Model              | DHRBM65             |              |
|--------------------|---------------------|--------------|
| Dia. of roller(mm) | Φ65                 |              |
| Power              | 2.25kW              |              |
| Spindle speed      | 9.3 r/min           |              |
| Packing size (cm)  | 125x115x180         |              |
| N.W./G.W. (kg)     | 720/920             |              |
| Capacity           | Size(mm)            | Min Dia.(mm) |
|                    | 80x25<br>40x10      | 600<br>500   |
|                    | 120x25<br>50x10     | 600<br>400   |
|                    | 50<br>20            | 600<br>400   |
|                    | 80x40x7<br>40x40x5  | 500<br>400   |
|                    | 80x40x7<br>40x40x5  | 400<br>360   |
|                    | 100x50x6<br>50x40x5 | 600<br>500   |
|                    | 100x50x6<br>50x40x5 | 600<br>500   |
|                    | 70x6<br>40x5        | 500<br>400   |
|                    | 70x6<br>40x5        | 600<br>500   |
|                    | Φ50<br>Φ20          | 600<br>400   |
|                    | 70x70x3<br>30x30x3  | 900<br>500   |
|                    | 80x40x3<br>50x30x2  | 800<br>500   |

\* All the above processing capacities can be finished by one set of standard combination roller

► Special Roller

| Model   | DRBM40HV                   |              |
|---------|----------------------------|--------------|
| Profile | Size                       | Min Dia.(mm) |
|         | 3-1/2" x 2"<br>2-1/8" x 2" | 900<br>500   |
|         | Φ100 x 2mm<br>Φ60 x 2mm    | 1000<br>500  |

We can design the rollers for you as per your special requirements. And we can make the rollers in various materials such as nylon.



**DHRBM65**

- Steel-welded construction frame
- with hydraulic motor
- Mobile control panel
- Top roll hydraulic moveable
- One standard combination roller
- Horizontal and Vertical working position



## Threading Machine



| Model No. | Description | Power Watts | Spindle Speed RPM | Pipe Threading Capacity |        | N.W (kg) |
|-----------|-------------|-------------|-------------------|-------------------------|--------|----------|
|           |             |             |                   | in.                     | mm.    |          |
| SQ50B1    | 110V, 60Hz  | 750         | 23                | 1/2-2                   | 15-50  | 60       |
| SQ50B1    | 220V, 50Hz  | 750         | 23                | 1/2-2                   | 15-50  | 60       |
| SQ80D1    | 110V, 60Hz  | 750         | 26/11             | 1/2-3                   | 15-80  | 100      |
| SQ80D1    | 220V, 50Hz  | 750         | 26/11             | 1/2-3                   | 15-80  | 100      |
| SQ100D1   | 110V, 60Hz  | 750         | 24/10             | 1/2-4                   | 15-100 | 140      |
| SQ100D1   | 220V, 50Hz  | 750         | 24/10             | 1/2-4                   | 15-100 | 140      |
| SQ50C1    | 110V, 60Hz  | 900         | 23                | 1/2-2                   | 15-50  | 60       |
| SQ50C1    | 220V, 50Hz  | 900         | 23                | 1/2-2                   | 15-50  | 60       |
| SQ80D     | 110V, 60Hz  | 900         | 26/11             | 1/2-3                   | 15-80  | 100      |
| SQ80D     | 220V, 50Hz  | 900         | 26/11             | 1/2-3                   | 15-80  | 100      |
| SQ100D    | 110V, 60Hz  | 900         | 24/10             | 1/2-4                   | 15-100 | 140      |
| SQ100D    | 220V, 50Hz  | 900         | 24/10             | 1/2-4                   | 15-100 | 140      |
| SQ50A     | 110V, 60Hz  | 1000        | 28                | 1/2-2                   | 15-50  | 60       |
| SQ50A     | 220V, 50Hz  | 1000        | 28                | 1/2-2                   | 15-50  | 60       |
| SQ80A     | 110V, 60Hz  | 1100        | 28/14             | 1/2-3                   | 15-80  | 100      |
| SQ80A     | 220V, 50Hz  | 1100        | 28/14             | 1/2-3                   | 15-80  | 100      |
| SQ100A    | 110V, 60Hz  | 1100        | 28/12             | 1/2-4                   | 15-100 | 140      |
| SQ100A    | 220V, 50Hz  | 1100        | 28/12             | 1/2-4                   | 15-100 | 140      |

## Pipe Support Stand



- The heavy-duty adjustable pipe stands are available in many applications with capacity from 1/8"-12" (3mm-300mm); suitable for use with threading machine, roll groovers, etc.
- 1107X and 1109X are the more heavy-duty adjustable pipe stands which are upgraded from 1107 and 1109. The screw-like elevator tube and thicker lock ring bring more higher Max. Loading Weight capacity for the stands to make them suitable for supporting more heavy pipes or solid bars safely.



A-Ball Transfer Head



B-Ball Transfer Head

### V Head Pipe Stands

| Model No. | Description            | Height Adjustment Low-High |        | Max. Pipe Capacity |     | Max. Weight Capacity |      | N.W  |
|-----------|------------------------|----------------------------|--------|--------------------|-----|----------------------|------|------|
|           |                        | in.                        | cm     | in.                | mm  | lb.                  | kg   |      |
| 1107      | V Head High Pipe Stand | 28-52                      | 71-132 | 12                 | 300 | 2500                 | 1134 | 14.5 |
| 1107S     | V Head Low Pipe Stand  | 24-40                      | 61-102 | 12                 | 300 | 2500                 | 1134 | 11.5 |
| 1107X     | V Head High Pipe Stand | 28-52                      | 71-132 | 12                 | 300 | 4000                 | 1814 | 14.5 |

### Roller Head Pipe Stand

| Model No. | Description            | Height Adjustment Low-High |        | Max. Pipe Capacity |     | Max. Weight Capacity |      | N.W |
|-----------|------------------------|----------------------------|--------|--------------------|-----|----------------------|------|-----|
|           |                        | in.                        | cm     | in.                | mm  | lb.                  | kg   |     |
| 1109      | Roller Head Pipe Stand | 32-55                      | 82-140 | 12                 | 300 | 1000                 | 454  | 15  |
| 1109X     | Roller Head Pipe Stand | 32-55                      | 82-140 | 12                 | 300 | 2500                 | 1134 | 15  |

### Ball Transfer Head

| Model No. | Description             | Max. Pipe Capacity |     | Max. Weight Capacity |     | N.W |
|-----------|-------------------------|--------------------|-----|----------------------|-----|-----|
|           |                         | in.                | mm  | lb.                  | kg  |     |
| A         | Ball Transfer Head only | 12                 | 300 | 1000                 | 454 | 1.5 |
| B         | Ball Transfer Head only | 12                 | 300 | 2000                 | 900 | 2.8 |

## Material Handling Equipment

### HAND PALLET TRUCK

- Forks are processed with whole press forming technology and coated with powder painting, torsion and fading-resistant.
- Excellent whole casting hydraulic pump and welded pump for your choice, robust and durable, with fine control of lowering speed and overload valve. Integrated pump is easy to maintain.
- The wheel material has Nylon, PU, Rubber, Iron to choose from. The guide wheel is optional to ensure easier operation.
- Ergonomically designed handle with comfortable rubber grip allows the optimized safety.



| MODEL               |    | 2500      | 3000 | 5000   |
|---------------------|----|-----------|------|--------|
| Capacity            | Kg | 2500      | 3000 | 5000   |
| Min. fork height    | Mm | 80        |      | 100    |
| Max. fork height    | Mm | 190       |      | 210    |
| Steering wheel      | Mm | Nylon/PU  |      | 180x60 |
| Load roller         | Mm | Nylon/PU  |      | 88x106 |
| Each fork width     | Mm | 150       |      | 180    |
| Each fork thickness | Mm | 3         | 4    | 5      |
| Width               | Mm | 550/685   |      | 700    |
| Length              | Mm | 1150/1220 |      | 1310   |
| Weight              | Kg | 68        | 75   | 200    |

### SEMI ELECTRIC STACKER



| MODEL    |                           | DSM-10        | DSM-15          | DSM-20                   |  |
|----------|---------------------------|---------------|-----------------|--------------------------|--|
| Features | Drive system              | Battery       |                 |                          |  |
|          | Driving mode              | Standing      |                 |                          |  |
|          | Load Capacity             | Q             | Kg              | 1000/1500/2000           |  |
|          | Load Center               | C             | mm              | 500                      |  |
| Weight   | Weight(With battery)      | Kg            | 345/390/410/430 |                          |  |
| Wheel    | Material                  | PU/NYLON      |                 |                          |  |
| Size     | Lifting Height            | H3            | mm              | 1600/2000/2500/3000/3500 |  |
|          | Lowest Mast               | H1            | mm              | 2090/1590/1840/2090/2340 |  |
|          | Max.Height when operating | H4            | mm              | 2090/2740/3240/3740/4240 |  |
|          | Min. Height of Fork       | s             | mm              | 85                       |  |
|          | Length                    | L             | mm              | 1740                     |  |
|          | Width                     | B             | mm              | 770                      |  |
|          | Fork Length               | L1            | mm              | 1070                     |  |
|          | Fork Outside Width        | B1            | mm              | 550/680                  |  |
|          | Fork Inside Width         | B2            | mm              | 305                      |  |
|          | Min.Turning Radius        | Wa            | mm              | 1500                     |  |
|          | Wheelbase                 | Y             | mm              | 1420                     |  |
|          | Motor                     | Lifting Motor | KW              | DC/2.2                   |  |
|          | Battery                   | Capacity      | V/Ah            | 12/120                   |  |

HAND PALLET TRUCK

STACKER

## Material Handling Equipment

### FULL ELECTRIC WALKIE STACKER

- With explosion-proof valve at the bottom of cylinder, even if the pipe burst, the mast will not rapidly decline.
- There is a turtle speed control button on the behind of control handle, which is more economic when operating.
- Curtis controller.
- Operating handle is on the side, allowing operators to work with greater vision.



#### Optional Configuration

- Customized length of fork & width of legs
- Forged fork
- Specially used in cold storage area.



Cylinder



Control Handle



Operating Panel



Customized Led (Optional)

| Model     | CDD I-12                           |                       | CDD II -16          |                                    |
|-----------|------------------------------------|-----------------------|---------------------|------------------------------------|
| Features  | Motor                              |                       | Electric( Battery)  |                                    |
|           | Driving Mode                       |                       | Walkie              |                                    |
|           | Load Capacity                      | Q(kg)                 | 1200/1600           |                                    |
|           | Load Center                        | C(mm)                 | 500                 |                                    |
| Weight    | Weight (with battery)              | CDD I-12<br>CDD II-16 | Kg                  | 470/485/505/520<br>495/510/532/553 |
| Wheel     | Wheel Material                     |                       | polyurethane        |                                    |
| Size      | Lift Height                        | h3(mm)                | 1600/2000/2500/3000 |                                    |
|           | Lowered Mast Height                | h1(mm)                | 2080/1580/1830/2080 |                                    |
|           | Max. Mast Height when operating    | h4(mm)                | 2080/2730/3230/3730 |                                    |
|           | Lowest fork height                 | S(mm)                 | ≤90                 |                                    |
|           | Length                             | L(mm)                 | 1770                |                                    |
|           | Width                              | B(mm)                 | 850                 |                                    |
|           | Fork Length                        | L1(mm)                | 1070                |                                    |
|           | Wheelbase                          | Y(mm)                 | 1250                |                                    |
|           | Fork Outside Width                 | B1(mm)                | 680                 |                                    |
|           | Fork Inside Width                  | B2(mm)                | 305                 |                                    |
|           | Min. Turning Radius                | Wa( mm)               | 1390                |                                    |
| Parameter | Drive Speed, Empty/Full load       |                       | mm/s                | 5.0/5.0                            |
|           | Lift Speed, Empty/Full load        |                       | mm/s                | 140/135                            |
|           | Lift Speed, Empty/Full load        |                       | mm/s                | 150/155                            |
|           | Maximum gradient, Empty/ Full load |                       | %                   | 7/5                                |
|           | Service brake                      |                       | Electromagnetic     |                                    |
| Motor     | Drive motor                        |                       | DC                  |                                    |
|           | Power                              | Kw                    | 0.75                |                                    |
|           | Lifting motor                      |                       | DC                  |                                    |
| Battery   | Power                              | Kw                    | 2.2                 |                                    |
|           | Voltage                            | V                     | DC24V               |                                    |
|           | Capacity                           | Ah                    | 2*70/2*80           |                                    |
| Others    | Noise Level DIN12053               |                       | dB                  | < 70                               |

# Gallery

