

Dishaa[®]

HYDRAULIC NC PRESS BRAKE

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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.

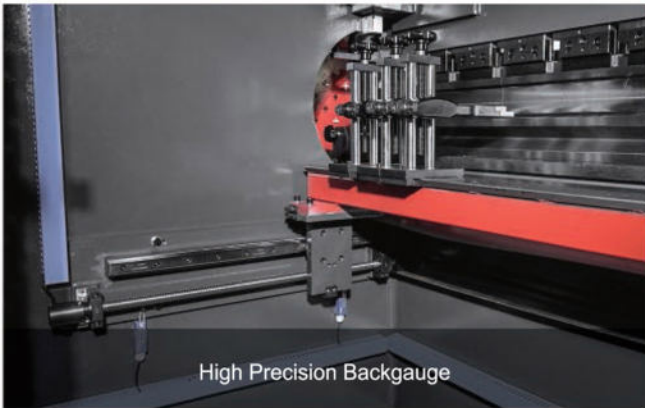
Improve the replacement mold speed and improve work efficiency.



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 PRESS BRAKE

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;

NC Controller

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

Technical Parameters

Type	Nominal Force (KN)	Worktable Length (mm)	Poles Distance (mm)	Throat Depth (mm)	Slider Travel (mm)	Max Open (mm)	Power (kw)	Weight (kg)	Dimension 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.

N/C PRESS BRAKE