

Dishaa[®]

HYDRAULIC NC SWING BEAM
SHEARING MACHINE

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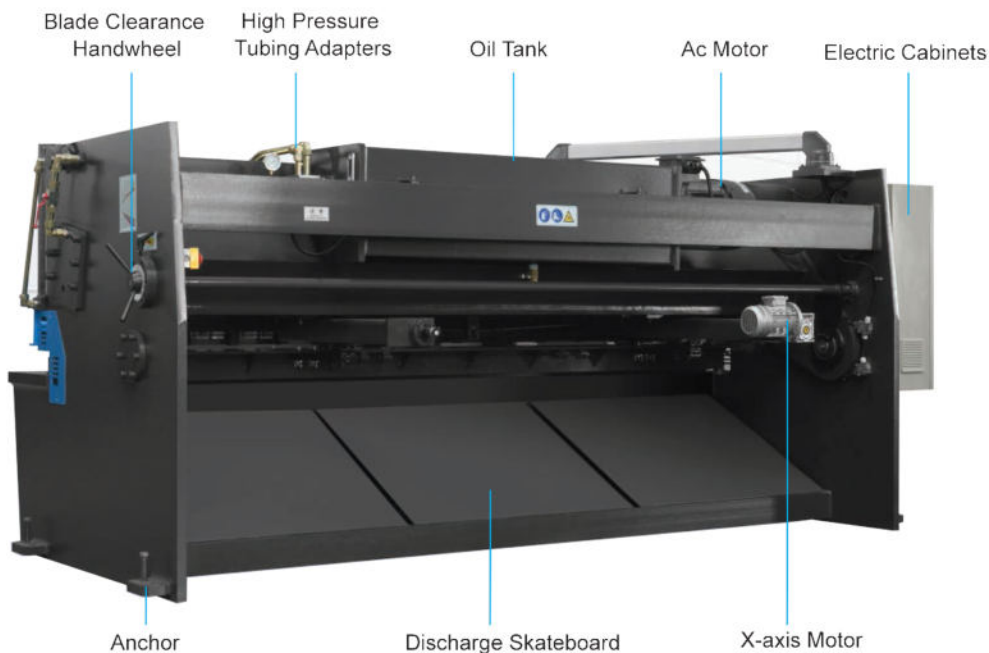
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NC Hydraulic Swing Beam Shearing Machine (E21S)

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.



SWING BEAM SHEARING

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