CQC ISO9001:2008 CE

CAMT

Energy-Saving

Green Activists

High Efficiency

Low Noise

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Nanjing Huameng Machinery Technology

CAMT

Company Profile

Nanjing Huameng Machinery Technology is a professional integrated company dedicated to research & development,production and sales of sheet metal equipment.Top mind Technology Limited,as the headquarter of company,located in Victoria Harbour Centre,Hung Hom,Hongkong,China,with a long history of production and management, the company adheres to the advanced design concepts,combines the user actual operation demands and the experiences,manufactures the reasonable structure and high quality sheet metal processing equipment, our main products including CNC press brake,CNC V-grooving machine,CNC shearing machine,optical fiber laser cutting machine and so on,the products and services throughout the world.

The company implements the fine management,pays attention to the quality and details,and improve our service continuously.Our products have passed the European CE safety certification and are exported to many countries and regions in the European Union and the world.ISO9001 quality management system is implemented to standardize the internal management process and ensure the steady development of enterprises.We have established an intellectual property protection mechanism to encourage innovation and obtain a number of patents to lay a solid foundation for the company's future development.

All along,our company get the customer's affirmation because of exquisite design,stable reliable quality and intimate high-quality service.We adhere to the "Quality-oriented development,reputation-oriented survival",the purpose of the enterprise,adhere to independent innovation,and strive to shape a good corporate culture.To provide you with integrated solutions for sheet metal,striving for excellence products,leading the direction of breakthrough innovation,become the leader of CNC sheet metal machinery and sheet metal processing partners,create a new situatin of CNC sheet metal machinery industry.

Production Workshop

Elaborate works originate from refinement;
The state-of-the-art equipment
not only produces delicate products,
but also creates our confidence.

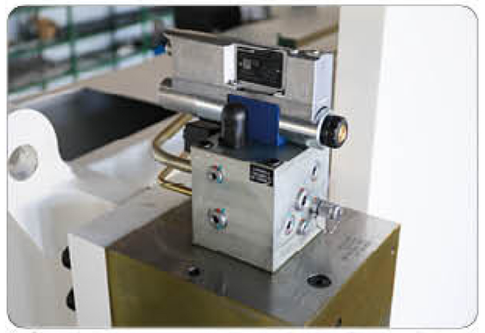
PD Series
Electro-Hydraulic CNC Press Brake

The Netherlands DELEM Company
DA53T CNC system of press brake

Four–axis integrated color touch screen press brake CNC system, for the press brake to provide advanced integrated and multi–functional solutions

- The New Generation DA50T series is based on Delem Touch user interface and provides the most convenient CNC programming.
- This system is a new member of this series and provides the perfect full touch control solution for the electro–hydraulic CNC press brake.
- Panel type is the basic installation mode, up to 4 axis can be controlled, can choose the suspension type installation mode;
- Configuration 10.1" high–resolution TFT color wide–body display, integrated with industrial–grade multi–touch screen, can easily access the Delem user interface;
- can use short cut keys to quickly switch between the programming and processing interface, the overall design has been optimized according to ergonomic principles, making the operation more convenient and user–friendly;
- through the quick and convenient "Programming directly to production" process, greatly reducing the adjustment and test folding time;
- USB interface to facilitate the mold and product fast back up/recovery; standard configuration 3 + 1(y 1, y 2, x axis and deflection compensation) , another optional axis can be used for R axis or Z axis;
- standard configuration can store 30 upper dies, 30 lower dies, 999 programs, 99 steps per program.

SVP Feature Configuration



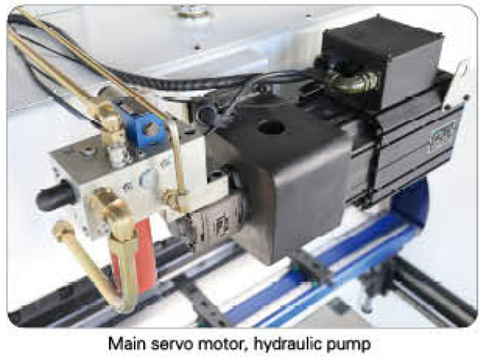
Closed–loop servo proportional valve, intelligent cylinder

Mechanical compensation, numerical control tooling(punch & die)

Increase the double linear guide rail after the stopper, ball screw linear guide rail

Master Servo Drive

Move the front tray, fast clamp



Main servo motor, hydraulic pump

Grating ruler

PC Series
Electro-Hydraulic CNC Press Brake

The Switzerland CYBELEC Company
CYB T12Numerical control system of bending machine

CybTouch 12 PS is designed for 4–axis electro–hydraulic synchronous press brake development of the CNC system.

- As a member of the CybTouch product family, the CybTouch 12ps CNC system is designed for the needs of oems.
- CybTouch 12ps CNC system provides a wide range of press brake features and user-friendly use. Through simple debugging, you can accurately match the requirements of the press brake it controls.
- Highly intuitive full-touch human-machine interface, so that the operator to use the CybTouch 12ps CNC system more simple and convenient.
- Its 2D finger-drawing interface and manually defined bending sequence functions make it a powerful and effective CNC system for electro-hydraulic synchronous press brakes.
- The new slider manager provides faster and smoother movement for the Bender with a higher accuracy profile.
- Through the high-speed RFlink card can achieve wireless communication, so that the data of the CNC system in the notebook computer backup, transmission, and can observe and record the slider action curve.
- Can Store 100 upper mold, 100 lower mold, 300 procedures, each procedure 24 steps, 10 materials.

CNC system optional

DA-53T / The Netherlands DELEM company

- ◆10.1 "high resolution true color TFT display
- ◆up to 4 axis control (Y1, Y2 + 2 auxiliary axes)
- ◆deflection compensation control
- ◆with mold / material / Product Library
- ◆Support servo or frequency conversion control
- ◆advanced Y-axis control algorithm can control both closed-loop valve and open-loop valve.
- ◆network dual computer linkage (optional)
- ◆USB peripheral interface. Profile-53tl offline programming software

DA-58T / The Netherlands DELEM company

- ◆2D touch graphic programming
- ◆15 "high resolution TFT true color display
- ◆calculation of bending process
- ◆Disturbance compensation control
- ◆servo and frequency converter control mode
- ◆the advanced Y axis control algorithm can control the closed loop valve or the open loop valve.
- ◆USB interface. Profile-58TL off-line programming software

DA-66T / The Netherlands DELEM company

- ◆2D graphical touch screen programming mode
- ◆3D visualization in simulation and production
- ◆17"high resolution color TFT
- ◆Full Windows application suite
- ◆Delem Modusys compatibility (module scalability and adaptively)
- ◆USB, peripheral interfacing
- ◆Open system architecture
- ◆Sensor bending &correction interface

DA-69T / The Netherlands DELEM company

- ◆2D and 3D graphical touch screen programming mode
- ◆3D visualization in simulation and production
- ◆17"high resolution color TFT
- ◆Full Windows application suite
- ◆Delem Modusys compatibility (module scalability and adaptively)
- ◆USB, peripheral interfacing
- ◆Open system architecture
- ◆Sensor bending &correction interface

S630 / Italy ESA company

- ◆Electro hydraulic proportional valve control synchronization
- ◆Pendant control panel with ESA S630 CNC System
- ◆Backgauge on ballscrews, stroke 500mm,
- ◆programmable in 0.01mm
- ◆Programmable automatic beam return
- ◆Automatic hydraulic table crowning
- ◆Quick manual System Top Tooling clamping
- ◆Table for System Tooling
- ◆Import Foot Pedal Command
- ◆Standard safety protection

S640 / Italy ESA company

- ◆15 "touch screen (resolution 1366x768 WSVGA)
- ◆Control 4 axes and control 6 axes at most
- ◆FPGA integrated logic, surface mounting, optical fiber
- ◆CPU through the RAM 2 E 1,2 Ghz of nanoscale X 2 Gb
- ◆Silicon hard disk (Shan Cunpan) over 30 steps
- ◆Interactive 2D image editor for workpiece and die data entry
- ◆2D graphics display frame, workpiece and die
- ◆2 serial port RS-232,2 USB ports are memory rods
- ◆1 Ethernet ports, 2 ports, fiber optic interfaces, local area networks

CybTouch 8 / The Switzerland CYBELEC Company

- ◆Large touch screen, bright color, high contrast.
- ◆Convenient interface, clear display and large icon buttons.
- ◆Visual, friendly and easy to operate man-machine interface.
- ◆Perfect programming can improve the efficiency of batch multi-step bending.
- ◆One-step bending of the page is very convenient.
- ◆Online help and pop-up prompts make the software interface very friendly.
- ◆Using PCs or laptops, data can be upgraded and transmitted through wireless software.
- ◆USB interface transfers/backs up data.
- ◆Support multiple languages

CybTouch 12 / The Switzerland CYBELEC Company

- ◆Large touch screen, bright color, high contrast.
- ◆Convenient interface, clear display and large icon buttons.
- ◆Visual, friendly and easy to operate man-machine interface.
- ◆Perfect programming can improve the efficiency of batch multi-step bending.
- ◆One-step bending of the page is very convenient.
- ◆Online help and pop-up prompts make the software interface very friendly.
- ◆Using PCs or laptops, data can be upgraded and transmitted through wireless software.
- ◆USB interface transfers/backs up data.
- ◆Support multiple languages

PM Series
CNC Hydraulic Press Brake

The numerical control system of MT15 press brake of Laimore company in Germany

- The new generation of MT15 electro-hydraulic press brake CNC system is committed to making the work of bending machine users more simple;
- 15.6" LED true color LCD screen with a friendly man-machine interface, menu-style operation easy to learn and easy to use;
- High sensitivity resistance touch screen, support to wear gloves operation;
- Linux operating system stable and reliable, boot only 4 ~ 5 seconds, instant power-off content is not lost;
- Can cooperate with industrial robot interactive operation, through automation to solve the problem of staff shortage;
- The system has rich interfaces, can be easily connected to the automatic production line as a check unit, the maximum degree of human intervention, improve the accuracy of equipment, efficiency.

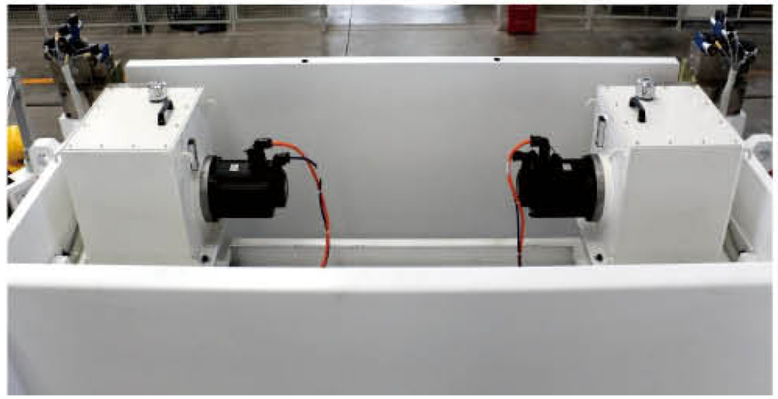
Basic function

- It can store a million products;
- The mould can store 100,000 sets separately;
- The maximum number of cycles is 9999;
- Maximum Count 9999;
- Programmable speed per step;
- Die graphics real-time display.

Superior configuration delivers strong performance

- 1920 x 1080px industrial-grade touch screen with servo pump, built-in pressure amplifier;
- Quad-core processor, main frequency 1GHz, 1GB memory, 4GB storage;
- USB interface * 1, RS232 interface * 1, Ethernet interface * 110/100M adaptive;
- Photoelectric isolation 1/0 port, independent start/stop button, encoder (difference, 5V/12V) ;
- Standard 4+1 axis, optional 6+1 axis.

OIL-ELECTRIC HYBRID CNC PRESS BRAKE



DSVP-Dual servo hybrid

It uses two servo motors and one servo motor pump to supply all the output energy to the left-right oil cylinder. There is no overflow energy consumption in the whole process. This control method does not have any excess energy loss, and the working efficiency is extremely high, the energy-saving effect is outstanding.

Oil-electric hybrid numerical control press brake and electro-hydraulic press brake contrast:

Skateboarding	Ordinary electro-hydraulic	Single servo electro-hydraulic	Dual servo hybrid
100 tons bending machine as an example			
Upper dead point	Motor operation-energy consumption	Servo motor does not work-energy saving	Servo motor does not work-energy saving
Fast down	Motor operation	The motor doesn't work	The motor doesn't work
Slow down	Motor operation overflow-energy consumption	Motor operation does not overflow-energy saving	Motor operation does not overflow-energy saving
Return Journey	Motor operation	The motor doesn't work	The motor doesn't work
Energy Consumption	100 %	60-70 %	40-50 %
Fast down speed	160 mm/s	220 mm/s	300 mm/s
Slow down speed	10 mm/s	15 mm/s	20 mm/s
Return speed	150 mm/s	180 mm/s	280 mm/s
Bending speed	12~13 min^{-1}	15~16 min^{-1}	≥20 min^{-1}

PRODUCT FEATURES

►Edrax Control is a newly developed electro-hydraulic Control scheme, which combines the advantages of two driving technologies: strong hydraulic power and durability compared with electric drive alone, and the compact design eliminates the need for external piping, at the same time directly installed in the cylinder, more clean, no leakage.

► The system converts the electrical signals in the CNC controller into mechanical linear motion. In order to accomplish this movement, the signal is transmitted between the machine tool CNC controller and the Motor Drive Controller. According to the preset working curve, the synchronous cylinder controls the tracking work progress and the fast running. A speed-adjustable servo pump unit is used to drive and control the position of the bending tool and the bending force during the bending process.

Cylinder Driving Hydraulic System

Superior Quality

Hybrid Hydraulic System of Oil and Electricity
Electro-hydraulic proportional hydraulic system

Technical Parmeters for CNC Press Brake

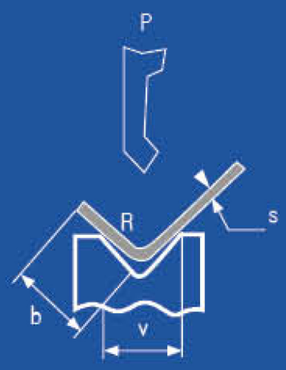
Type	Nominal Force	Worktable length	Poles distance	Throat depth	Ram Strokes	Max open	Power	Dimension L×W×H
	KN	mm	mm	mm	mm	mm	KW	mm
30T/1600	300	1600	1200	200	100	380	4	1800x1050x1700
40T/1600	400	1600	1200	300	120	400	4	1800x1340x2000
40T/2200	400	2200	1800	300	120	400	4	2400x1340x2000
40T/2500	400	2500	2100	300	120	460	5	2700x1340x2000
63T/2500	630	2500	2100	350	160	460	5	2700x1380x2250
63T/3200	630	3200	2700	350	160	460	5	3400x1380x2250
80T/2500	800	2500	2100	400	160	460	6	2700x1450x2250
80T/3200	800	3200	2700	400	160	460	6	3400x1450x2250
80T/4000	800	4000	3500	400	160	460	6	4200x1450x2250
100T/2500	1000	2500	2100	500	200	500	8.7	2700x1500x2420
100T/3200	1000	3200	2700	500	200	500	8.7	3400x1500x2420
100T/4000	1000	4000	3500	500	200	500	8.7	4200x1650x2620
100T/5000	1000	5000	4200	500	200	500	8.7	5200x1600x2500
125T/2500	1250	2500	2100	500	200	500	10.8	2700x1550x2450
125T/3200	1250	3200	2700	500	200	500	10.8	3400x1550x2450
125T/4000	1250	4000	3500	500	200	500	10.8	4200x1550x2450
125T/5000	1250	5000	4200	500	160	500	10.8	5200x1650x2550
125T/6000	1250	6000	5000	500	160	500	13.2	6200x1650x2550
170T/3200	1700	3200	2700	450	200	480	13.2	3400X1700x2520
170T/4000	1700	4000	3500	450	200	480	13.2	4200X1700x2520
170T/5000	1700	5000	4200	450	200	480	13.2	5200X1800x2800
170T/6000	1700	6000	5000	450	200	480	16.7	6200X1800x2900
220T/3200	2200	3200	2700	400	200	480	16.7	3400x1800x2550
220T/4000	2200	4000	3500	400	200	480	16.7	4200x1800x2550
220T/5000	2200	5000	4200	400	200	480	16.7	5200x1900x2900
220T/6000	2200	6000	5000	400	200	480	21.4	6200x1900x3100
250T/3200	2500	3200	2700	400	250	550	16.7	3400x1950x2800
250T/4000	2500	4000	3500	400	250	550	16.7	4200x1950x2800
250T/5000	2500	5000	4200	400	250	550	16.7	5200X2000x3000
250T/6000	2500	6000	5000	400	250	550	21.4	6200X2000x3150
320T/3200	3200	3200	2700	400	250	550	21.4	3400x2000x3200
320T/4000	3200	4000	3500	400	250	550	21.4	4200x2000x3200
320T/5000	3200	5000	4200	400	250	550	21.4	5200x2200x3300
320T/6000	3200	6000	5000	400	250	550	26.9	6200x2300x3400
400T/4000	4000	4000	3500	400	300	600	26.9	4200X2500x3400
400T/5000	4000	5000	4200	400	300	600	26.9	5200X2500x3500
400T/6000	4000	6000	5000	400	300	600	30	6200X2500x3600
500T/4000	5000	4000	3500	400	320	620	37	4200X2700x3700
500T/5000	5000	5000	4200	400	320	620	37	5200X2700x3800
500T/6000	5000	6000	5000	400	320	620	37	6200X2700x4000
600T/4000	6000	4000	3500	400	320	620	45	4200X2900x4300
600T/5000	6000	5000	4200	400	320	620	45	5200X3000x4700
600T/6000	6000	6000	5000	400	320	620	45	6200X3000x5000

Note: Due to technical improvement, the company's machine color and parameters will be updated at any time, if there is any change, without notice!

Force Chart For Press Brake

	V	4	6	8	10	12	14	16	18	20	24	28	32	36	40	45	50	55	60	65	70	80	90	100	120
	B	2.8	4	5.5	7	8.5	10	11	12.5	14	17	20	22	25	28	31	35	38	42	46	49	56	63	70	85
	R	0.7	1	1.3	1.6	2	2.3	2.6	3	3.3	3.8	4.5	5	6	6.5	7	8	9	10	10.5	11	16	14	16	19
S	0.5	40	30																						
	0.6	60	40	30	30																				
	0.8		70	50	40	30																			
	1		110	80	70	60																			
	1.2			120	100	80	70	60																	
	1.5				150	120	110	90	80																
	2					220	190	170	150	130	110														
	2.5							250	220	200	170	150	130												
	3								330	290	250	210	180	160											
	3.5									400	330	290	250	220	200	180									
	4										440	370	330	290	260	230	210								
	4.5											470	410	370	330	300	270	240							
	5												510	450	400	360	330	300	270	250					
	6															520	470	430	390	360	340	300			
	8																		700	640	600	520	460	420	
	10																					810	720	650	
	12																							950	780
	14																							1300	1100

This chart is calculated according to the plate of tensile strength σ_b=450N/mm^2 and length L=1m, the force can be got according to the proportion while different kind of plate and different length to be bent.

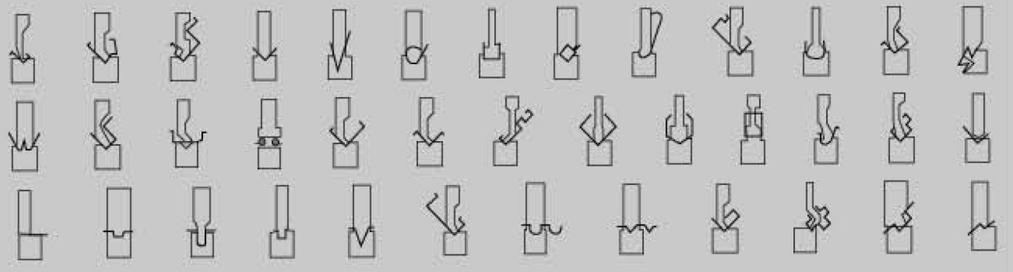


σ_b=450KN/mm^2
P: Bending Force (KN)
L: The width of the plate (m)
S: The thickness of the plate (mm)
V: V-width of the bottom die (mm)

Note:
1. The table is based on the carbon steel sheet with the tension strength σ_b=450Mpa.
2. Stainless steel sheet: The value of P is 2 according to the table.
3. Aluminum sheet: The value of P should be multiplied by 0.7 according to the table.

Calculation formula for bending force of sheet metal

$$P=\frac{650S^2L}{V}$$



PN Series
Synchronous Torque CNC Press Brake

TP10S Numerical control system

- 10 inch TFT 256K color touch screen;
- The standard X，Y axis servo motor;
- Support angle programming, the system automatically calculate the depth of plate bending;
- Slider (Y axis) position control;
- Position control of rear stopper (X axis);
- 500 programs, each program 40 steps;
- Soft limit function, Power off memory;
- Matching support Y1、Y2、R、Z;
- Matching support for the degree of compensation.

E300 Numerical control system

- Can Bus Control Mode X, Y, R Servo Axis;
- deflection Compensation Support Mechanical/ hydraulic two modes;
- built-in machine tool action logic, a variety of action modes;
- built-in Mold Library, Material Table Can be edited;
- 1/0 Port CAN be freely configured;
- configuration USB interface, easy backup upgrade;
- built-in parameter backup/restore function;
- Chinese/english Optional;
- public/english optional.

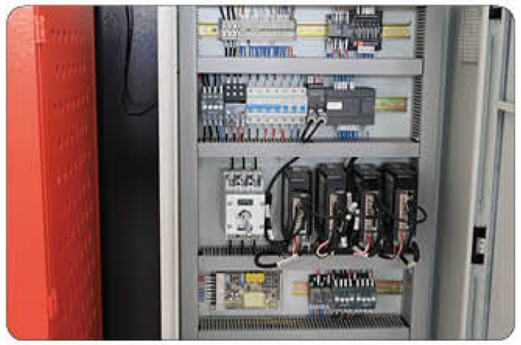
SNC55 Numerical control system

- 10 inch touch screen display, 1024 * 600 high resolution;
- Y1-Y2-X1-X2-R1-R2-Z1-Z2 servo control, table deflection compensation;
- Angle programmable, automatic control of pressure and compensation of plate width;
- There are 100 programs, 25 steps for each program, 15 punches and 15 dies;
- Single step insertion mode, arc bending mode function;
- Flexible configuration of IO ports and valves action;
- Accurately feed back of the slider position to realize the left and right automatic balance;
- The left and right angles can be compensated separately.

The servo motor drives the cylinder

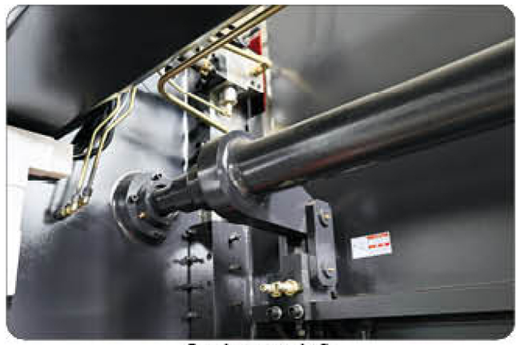
Mechanical compensation, numerical control die

Increase the double linear guide rail after the stopper, ball screw linear guide rail



Electrical cabinets

Gear pump



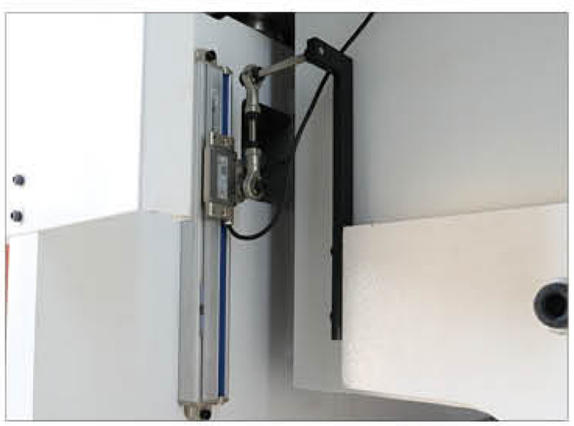
Synchronous shaft

Technical Parmeters for Synchronous Torque Press Brake

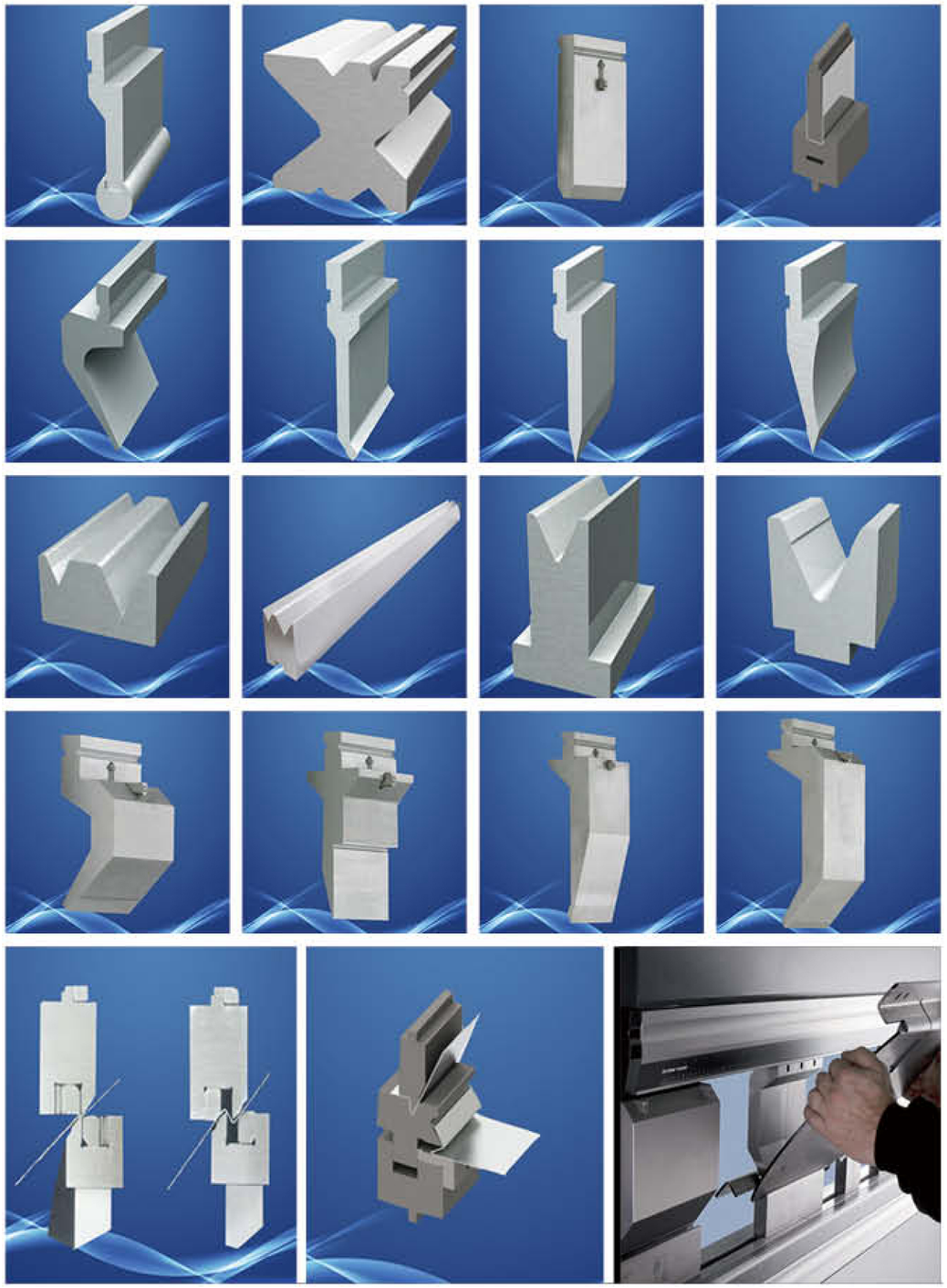
Type	Nominal Force	Worktable Length	Poles Distance	Throat Depth	Stroke	Max Open	Power	Dimension
	(KN)	(mm)	(mm)	(mm)	(mm)	(mm)	(KW)	L×W×H(mm)
30T/1600	300	1600	1250	180	80	200	3	1600×1000×1600
30T/2000	300	2000	1500	180	80	200	3	2000×1100×1800
40T/2200	400	2200	1850	230	100	320	5.5	2200×1200×1910
40T/2500	400	2500	2030	230	100	320	5.5	2500×1200×1910
63T/2500	630	2500	2030	250	100	340	5.5	2500×1300×2210
63T/3200	630	3200	2560	250	100	340	5.5	3200×1300×2210
80T/2500	800	2500	2030	320	100	320	7.5	2500×1400×2300
80T/3200	800	3200	2560	320	100	350	7.5	3200×1500×2300
80T/4000	800	4000	3000	320	100	350	7.5	4000×1500×2400
100T/2500	1000	2500	2030	320	120	390	7.5	2500×1600×2400
100T/3200	1000	3200	2560	320	120	390	7.5	3200×1600×2600
100T/4000	1000	4000	3000	320	120	390	7.5	4000×1600×2700
125T/3200	1250	3200	2560	320	120	390	7.5	3200×1600×2600
125T/4000	1250	4000	3000	320	120	390	7.5	4000×1600×2700
160T/3200	1600	3200	2560	320	200	455	11	3200×1700×2700
160T/4000	1600	4000	3000	320	200	455	11	4000×1700×2800
160T/5000	1600	5000	4000	320	200	455	11	5000×1900×3100
160T/6000	1600	6000	4500	320	200	455	11	6300×1900×3200
200T/3200	2000	3200	2560	320	200	480	15	3200×1950×2800
200T/4000	2000	4000	3000	320	200	480	15	4000×1950×2800
200T/5000	2000	5000	4000	320	200	480	15	5000×1950×3000
200T/6000	2000	6000	4500	320	200	480	15	6000×1950×3300
250T/3200	2500	3200	2560	400	250	540	18.5	3250×2000×3200
250T/4000	2500	4000	3000	400	250	540	18.5	4000×2000×3400
250T/5000	2500	5000	4000	400	250	540	18.5	5000×2000×3400
250T/6000	2500	6000	4500	400	250	540	18.5	6000×2000×3400
300T/3200	3000	3200	2560	400	250	540	22	3200×2000×3450
300T/4000	3000	4000	3000	400	250	540	22	4000×2000×3450
300T/5000	3000	5000	4000	400	250	540	22	5000×2000×3450
300T/6000	3000	6000	4500	400	250	540	22	6000×2000×3450

Note: Due to technical improvement, the company's machine color and parameters will be updated at any time, if there is any change, without notice!

Double Linkage
CNC Press Brake



Die For Press Brake



Optional

NEW STANDARD PREMIUM

Maximum productivity has a name.

Wila's top product line is being renamed New Standard Premium™. New Standard Premium™ is widely recognized for its extreme precision and durability, thanks to its CNC-Deephardened® and precision ground work surfaces.

AMERICAN STYLE

Advanced technology for American press brakes.

Wila American Style has become well established as the premium Clamping, Crowning and Tooling system for American Style press brakes. With its fast set up time, high precision and durability, Wila American Style takes press brake productivity to a new level for American Style press brakes.

NEW STANDARD PRO

High performance, exceptional value.

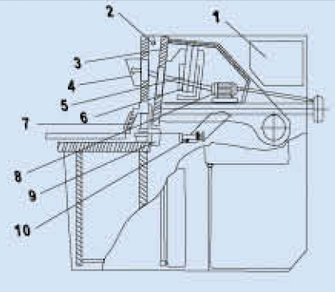
New Standard Pro make Wila productivity and quality even more affordable than even before. These new product lines have been developed to meet the needs of a wide range of manufacturers and are particularly attractive for the value provided for the investment. The combination of Clamping and Tooling provides the ultra-fast set-up time and high quality bending results that fabricators have come to expect from Wila.

Series of Hydraulic CNC Swing Beam Shearing Machine

PRODUCT FEATURES

1.The main frame is fitted with numeric-control system special for shearing machines, The position of rear stopper is displayed in a real-time manner.
2.Multi-step programming function is available and the rear stopper is able for automatic operation and continuous positioning, to achieve an automatic adjustment for position of rear stopper.
3.It is provided with counting function for shearing, to display the shearing numbers in a real-time manner, able for power-failure memory of position of rear stopper, procedures, and parameters.
4.Imported ball bearing lead screw and linear guide rail are used, to ensure the positioning precision, so that the processing precision of machine is higher.

Machines Schematic Diagram

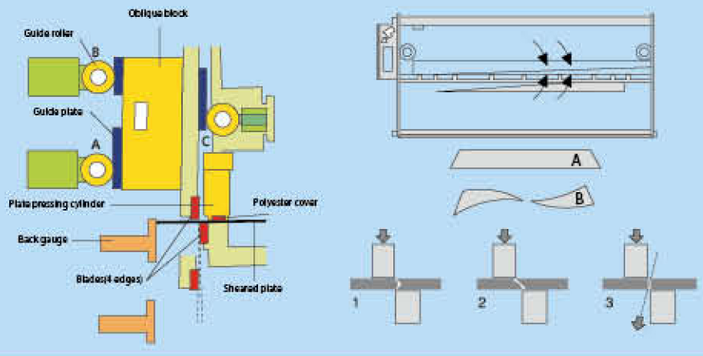


1、Oil tank、hydraulic block
2、Shadow light with piancwire
3、Swing board
4、Control board
5、Main cylinder
6、Rapid return cylinder
7、Safety protection device
8、Backgauge motor
9、Throat
10、Powered backgauge

Technical Data

Type	Cutting thickness	Cutting width	Cutting angel	Materail strength	Travel times	Stopper adjust range	Power	Dimension (L×W×H)
	(mm)	(mm)	°	(N/mm²)	(Min⁻¹)	(mm)	(Kw)	(mm)
4×2500	4	2500	1° 30′	≤450	16	20~600	5.5	3040×1550×1550
4×3200	4	3200	1° 30′	≤450	13	20~600	5.5	3840×1550×1550
4×4000	4	4000	1° 30′	≤450	10	20~600	5.5	4600×1700×1700
4×6000	4	6000	1° 30′	≤450	5	20~600	7.5	6460×2100×2300
6×2500	6	2500	1° 30′	≤450	15	20~600	7.5	3040×1710×1620
6×3200	6	3200	1° 30′	≤450	12	20~600	7.5	3840×1710×1620
6×4000	6	4000	1° 30′	≤450	9	20~600	7.5	4620×1850×1700
6×5000	6	5000	1° 30′	≤450	8	20~600	7.5	5640×1900×2000
6×6000	6	6000	1° 30′	≤450	5	20~600	18.5	6480×2100×2300
8×2500	8	2500	1° 30′	≤450	11	20~600	7.5	3040×1700×1700
8×3200	8	3200	1° 30′	≤450	8	20~600	7.5	3860×1700×1700
8×4000	8	4000	1° 30′	≤450	8	20~600	7.5	4640×1700×1700
8×5000	8	5000	1° 30′	≤450	8	20~600	7.5	5400×2400×2000
8×6000	8	6000	1° 30′	≤450	8	20~600	18.5	6480×2100×2350
10×2500	10	2500	1° 30′	≤450	10	20~600	7.5	3040×1800×1700
10×3200	10	3200	2°	≤450	10	20~600	11	3860×2000×1700
10×4000	10	4000	2°	≤450	10	20~600	11	4650×2100×2000
10×6000	10	6000	1° 30′	≤450	10	20~600	18.5	6500×2100×2300
12×2500	12	2500	1° 40′	≤450	12	20~600	18.5	3140×2050×2000
12×3200	12	3200	1° 40′	≤450	10	20~600	18.5	3880×2150×2000
12×4000	12	4000	1° 40′	≤450	10	20~600	18.5	4680×2150×2100
12×5000	12	5000	2°	≤450	6	20~600	18.5	5800×2400×2400
12×6000	12	6000	2°	≤450	5	20~600	22	6900×2600×2700
16×2500	16	2500	2° 30′	≤450	10	20~600	18.5	3140×2150×2000
16×3200	16	3200	2° 30′	≤450	10	20~600	18.5	3880×2150×2000
16×4000	16	4000	2° 30′	≤450	10	20~600	37	4650×2150×2200
16×5000	16	5000	2°	≤450	6	20~600	18.5	5900×2600×2700
16×6000	16	6000	2°	≤450	5	20~600	22	6900×2700×2700
20×2500	20	2500	2° 30′	≤450	8	20~600	22	3440×2300×2500
20×3200	20	3200	2° 30′	≤450	8	20~600	22	4150×2350×2700
20×4000	20	4000	2° 30′	≤450	5	20~600	22	4850×2600×2400
20×6000	20	6000	2° 30′	≤450	4	20~600	37	6700×3000×3000
25×2500	25	2500	3°	≤450	8	20~600	37	3200×2700×2900
25×3200	25	3200	3°	≤450	5	20~600	37	4200×2400×2500
30×2500	30	2500	3°	≤450	4	20~600	40	3300×2900×3000
30×3200	30	3200	3° 30′	≤450	4	20~600	40	4200×2500×2600
40×2500	40	2500	4°	≤450	3	20~600	75	3200×3300×3200
40×3200	40	3200	4°	≤450	3	20~600	90	4300×3300×3000

Series of Hydraulic CNC Guillotine Shearing Machine



Three Trolley and Rail Structure

The three roller guide structure is adopted, and the front preloading guide rail makes the tool holder stick to the upper guide rail and the lower guide rail to move repeatedly without gap.In order to obtain better cutting quality, the blade gap can be adjusted according to the needs of different plates.

Technical Data

Type	Cutting thickness	Cutting length	Travel times	Bumper distance	Cutting angel	Throat depth	Power	Dimension (L×W×H)
	(mm)	(mm)	(次/min)	(mm)	(°)	(mm)	(KW)	L×W×H (mm)
4x2500	4	2500	14~25	600	0.5~1.5	100	5.5	3000x2000x1850
6x2500	6	2500	12~20	600	0.5~1.5	125	7.5	3030x2075x1920
6x3200	6	3200	10~18	600	0.5~1.5	125	7.5	3730x2075x1970
6x4000	6	4000	10~18	600	0.5~1.5	125	7.5	4530x2075x1970
6x5000	6	5000	11~18	600	0.5~1.5	125	7.5	5530x2075x2210
6x6000	6	6000	9~15	600	0.5~1.5	125	11	6530x2075x2830
7x7000	7	7000	7~15	600	0.5~1.5	125	11	7530x2075x2830
8x2500	8	2500	12~20	600	0.5~1.5	125	11	3040x2075x1920
8x3200	8	3200	10~18	600	0.5~1.5	125	11	3740x2075x1920
12x2500	12	2500	10~18	600	0.5~2	125	15	3110x2575x2210
12x3200	12	3200	9~18	600	0.5~2	125	15	3810x2575x2420
12x4000	12	4000	8~15	600	0.5~2	125	15	4610x2575x2530
16x2500	16	2500	9~16	600	0.5~2.5	125	22	3130x2655x2200
16x4000	16	4000	8~15	600	0.5~2.5	125	22	4630x2655x2570
20x2500	20	2500	8~15	600	0.5~2.5	125	30	3160x2855x2720
20x4000	20	4000	6~12	600	0.5~2.5	125	30	4660x2855x2720
25x2500	25	2500	8~15	600	0.5~3.5	120	37	3330x2000x2650
25x3200	25	3200	8~15	600	0.5~3.5	120	27	3970x2100x2865
25x4000	25	4000	6~12	600	0.5~3.5	120	27	4780x2500x3150
32x2500	32	2500	6~12	600	0.5~3.5	120	45	4100x2300x3200
32x3200	32	3200	8~12	600	0.5~3.5	120	55	1900x2650x3450
40x2500	40	2500	4~10	600	0.5~3.5	120	75	4100x2550x3500
40x3200	40	3200	4~10	600	0.5~3.5	120	75	4900x2900x3750

Optional CNC system


MD11-1


E21S


E200PS


DAC310


DAC360


Roller feeding (optional)


Pneumatic retainer (optional)

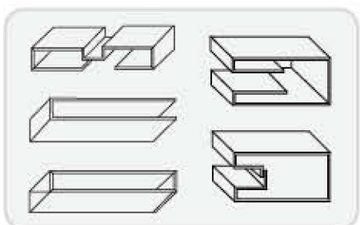

Slip device (optional)

Full Servo
CNC V-grooving Machine

Vertical grooving machine

PRODUCT FEATURES

- Vertical grooving machine is an up graded product of traditional slot planer.
- frame structure, high-strength bolt connection, good overall rigidity and small deformation.
- the beam of this series is fixed, the workpiece is fed by the rear feeding mechanism, and the worktable is made of carbon tools, After high-frequency surface quenching, the hardness reaches 55-60hc (ordinary table surface < 30hrc), which makes the hardness of the worktable much higher than that of stainless steel, solves the phenomenon of groove marks caused by low hardness of the worktable of traditional models, ensures that the flatness of the worktable is ≤ ± 0.02, completely solves the problem of reducing the accuracy of V-groove due to the deformation of the worktable, and prolongs the service life of the equipment.
- material supporting devices are set at the front and rear of the worktable to prevent sheet material from being scratched during processing.



PRODUCT FEATURES

- gantry type, convenient loading and unloading, air cooling, no environmental pollution, 3+1 axis NC, servo control, realize full-automatic operation and processing, and improve the machining accuracy of grooving.
- Korean hydraulic control system is adopted as the power, with high pressure, reliable fastening force, low noise and low energy consumption.
- fine grinding gear, 45# steel forging quenching and tempering, helical rack guide rail transmission, variable frequency adjustment of moving speed, and stable cutting process.
- the NC program design is reasonable and easy to master. It can be completed only by inputting the machining size.
- according to different materials, the processing speed can be adjusted by knob to facilitate the operation of operators.

Gantry grooving machine

Type	Maximum width of grooved sheet mm	Maximum length of grooved sheet mm	Maximum height of grooved sheet mm	Drilled steel Minimum thickness mm	Groove distance edge minimum distance mm	Cutting speed m/min (max)	Tool rest left and right Middle resolution mm	location Precision mm	Resolution of tool holder moving up and down mm	Positioning accuracy mm	Main servo motor power kw	Working pressure of hydraulic system Mpa	Machine tool dimensions (length, width and height) mm
3200x1250	1250	3200	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	5300*2300*1700
4000x1250	1250	4000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	6100*2300*1700
4000x1500	1500	4000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	6100*2600*1700
5000x1250	1250	5000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	7100*2300*1700
5000x1500	1500	5000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	7100*2600*1700
6000x1250	1250	6000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	5.5	7~9	8100*2300*1700
6000x1500	1500	6000	4.5	0.5	8	75	0.001	±0.01	0.001	±0.01	7.5	7~9	8100*2600*1800

Vertical grooving machine

Type	Maximum width of grooved sheet mm	Maximum length of grooved sheet mm	Maximum height of grooved sheet mm	Drilled steel Minimum thickness mm	Groove distance edge minimum distance mm	Cutting speed m/min (max)	Tool rest left and right Middle resolution mm	location Precision mm	Resolution of tool holder moving up and down mm	Positioning accuracy mm	Main servo motor power kw	Working pressure of hydraulic system Mpa	Machine tool dimensions (length, width and height) mm
3200/1600	1600	3200	4	0.5	8~10	55	0.001	正负 0.01	0.001	正负 0.01	5.0	6~8	4800*2850*2100
4200/1600	1600	4200	4	0.5	8~10	55	0.001	正负 0.01	0.001	正负 0.01	5.0	6~8	5600*2850*2100
5200/1600	1600	5200	4	0.5	8~10	55	0.001	正负 0.01	0.001	正负 0.01	5.0	6~8	6600*2850*2100
6200/1600	1600	6200	4	0.5	8~10	55	0.001	正负 0.01	0.001	正负 0.01	5.0	6~8	7500*2850*2100
7200/1600	1600	7200	4	0.5	8~10	55	0.001	正负 0.01	0.001	正负 0.01	5.0	6~8	8500*2950*2300