



Nanjing BLMA Machinery CO.,LTD

PRESS BRAKE / LASER CUTTING MACHINE / ROLLING MACHINE

Professional/Consistent/Focused/Excellence



Company Profile

CNC Press Brake

DA69T

DA66T

DA58T

DA53T

CT15

CT12

NC Press Brake

Pure Electric Press Brake

Mold

Shearing Machine

QC12K

QC11K

Laser Cutting Machine

Fiber laser metal sheet cutting machines

Tube laser cutting machines

Metal sheet & tube laser cutting machines

Handheld laser welding machine

Rolling Machine

W12

W11S

W11

W24S



Established in 1987, NANJING BLMA MACHINERY Co., Ltd. has grown into one of the leading enterprises in high-end sheet metal processing machine-tools industry in China. BLMA develops, manufactures, and sells high-end, smart and automatic products such as: CNC Electric-Hydraulic Press Brake, CNC Laser Cutting Machine and CNC Hydraulic Plate Rolling Machine.





- CNC DELEM DA69T with 3D color graphics
- Considerably Reduced oil tank volume up to 90%
- With X1,X2,R1,R2,Z1,Z2-axis
- Hybrid Servo System
- Ram speed up to 230 mm/s
- Wireless foot pedal
- Angle control system
- DELEM Profile T3D import 3D file



- New Design
- Hybrid Servo
- High Performances
- Environmentally Friendly
- Quiet Operation



DELEM DA69T Touch 3D Graphical Control

- 17" high resolution colour TFT
- 2D and 3D graphical touch screen programming mode
- 3D visualisation in simulation and production
- Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- Profile-T2D offline software
- Sensor bending & correction interface



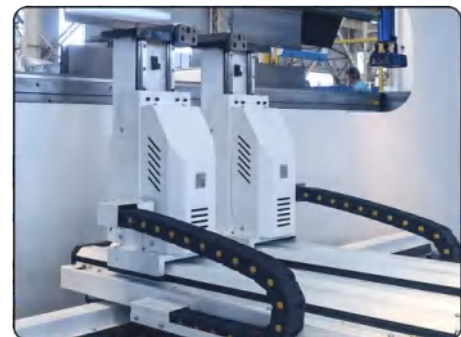
Electrical Parts

- The equipment employs authentic Schneider components imported from France, renowned for their stability, durability, and extended service life.
- The machine is outfitted with an original Estun adaptive electrical box assembly, which boasts robust anti-interference capabilities and consistent electrical performance.



Press Brake 6-Axis CNC BackGauge With X1, X2, R1, R2, Z1, Z2-Axis

- Ball screws and linear guide on X, R-axis
- Precision linear guide and YYC rack on axes Z1-Z2.
- Fingers with double stop and micrometric adjustment.
- Mechanical accuracy ± 0.03 mm.
- Axes R1-R2 speed 500 mm/s
- Axes X1-X2 speed 600 mm/s. (1000 mm/s optional)
- Axes Z1-Z2 speed 1100 mm/s.



Main motor servo.

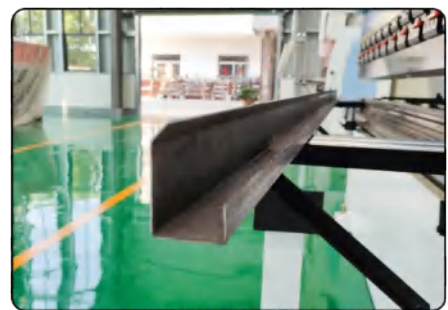
- Servo motors have become the dominant technology, offering energy savings of up to 35% compared to conventional motors, thereby increasing efficiency and reducing operating costs.





250T4000 DA66T CNC Press Brake

- CNC DELEM DA66T with 2D color graphics
- Tool kit: 4 V die series of 835mm punches
- CNC wave crowning system
- Fagor/GIVI optical scales
- Hoerbiger (HAWEI) hydraulic system
- High efficiency motor – class Ie3
- DELEM® Profile T2D Offline Software
- Electrical cabinet with Schneider,
- Siemens components.

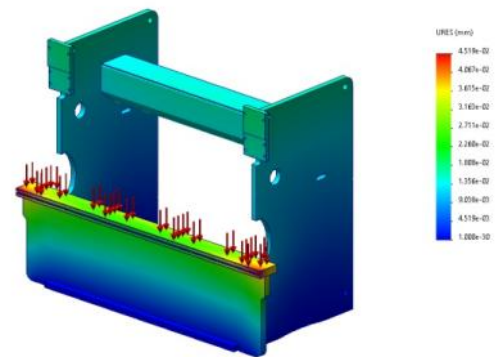




FEA & Stress Analysis

Stress Analysis & Finite Element Analysis

- The CAE software SOLIDWORKS used as the method to analyze the linear static construction, stress and deformation for press break and laser cutting machine frames. So for complicated structures, highly complex loading's, transient modelling and combination of the above, FEA makes sense.



DELEM DA66T Touch 2D Graphical Control

- 17" high resolution colour TFT
- 2D graphical touch screen programming mode
- 3D visualisation in simulation and production
- Full Windows application suite
- Delem Modusys compatibility (module scalability and adaptivity)
- USB, peripheral interfacing
- Profile-T2D offline software
- Sensor bending & correction interfac



Press Brake 4-Axis CNC BackGauge

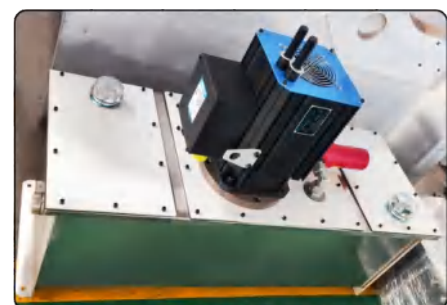
With X, R, Z1, Z2-Axis

- Ball screws and linear guide on X, R-axis.
- Precision belts and YYC rack on axes Z1-Z2.
- Fingers with double stop and micrometric adjustment.
- Mechanical accuracy ± 0.03 mm.
- Axes Z1-Z2 speed 1000 mm/s.
- Axis X speed 500 mm/s.



Servo motor + stainless steel oil tank (Optional)

- Germany's Siemens high-efficiency and energy-saving motors meet customers' daily production needs. The motor is significantly more efficient than standard motors, resulting in increased work efficiency.
- Thickened stainless steel oil tank, anti-rust inside, making the hydraulic oil have a longer service life.





300T3200 DA58T CNC Press Brake



Less Waste, Less Maintenance Costs



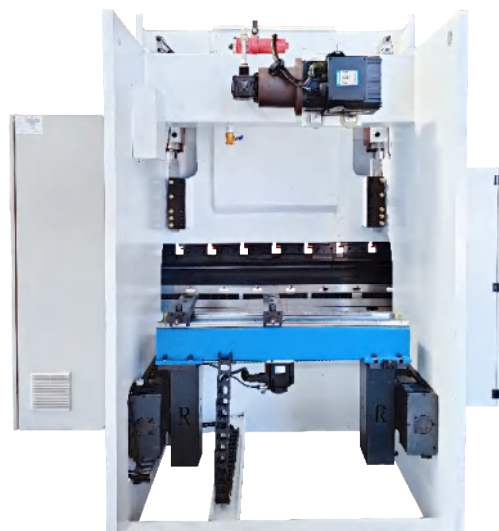
Same Job, 35% Less Energy



High Performances



High Dynamic Y-axis Control



80T1600 DA53T CNC Press Brake



DELEM DA58T Color 2D graphical CNC System

- 15" high resolution colour TFT
- 2D graphical touch screen programming
- Up to 4 axes (Y1, Y2 + 2 aux. axes)
- Bend sequence calculation
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- CNC Crowning control
- USB, peripheral interfacing
- Profile-58TL offline software



DELEM DA53T Touch CNC System

- 10.1" high resolution colour TFT
- "Hot-key" touch navigation
- Up to 4 Axis (Y1, Y2 + 2 aux. Axis)
- Tool / material / product library
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves.
- CNC Crowning control
- USB memory stick interfacing
- Profile-53TL offline software



Press Brake 2-Axis CNC BackGauge with X, R-Axis

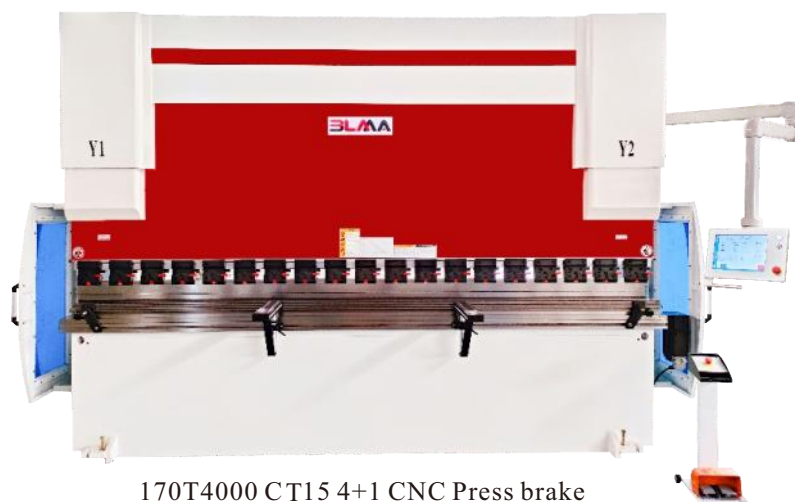
- Ball screws and linear guide on X, R-axis
Axis X speed 500 mm/s.
Manual Z1, Z2-axis with HIWIN linear guide
Mechanical accuracy ± 0.03 mm.
Fingers with double stop and micrometric adjustment.



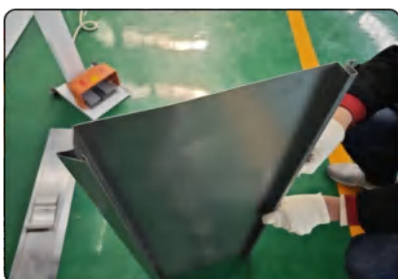
Electrical Parts

- The equipment employs authentic Schneider components imported from France, renowned for their stability, durability, and extended service life.
- The machine is outfitted with an original Estun adaptive electrical box assembly, which boasts robust anti-interference capabilities and consistent electrical performance.





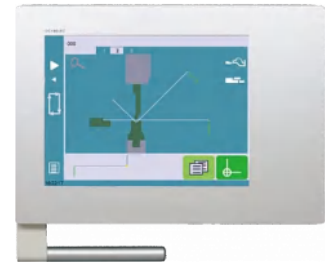
170T4000 CT15 4+1 CNC Press brake





CYBELEC CybTouch 15 PS 2D graphic CNC System

- 15" color graphic with fully touch screen
- Touch 2D graphical profile drawing and precise 2D program creation
- Up to 6 axes (Y1,Y2 , X, R ,Z1 , Z2-axes)
- Automatic bending sequence calculation
- Tandem management.
- Modulable tools for each part or bend.
- Angle and back gauge correction.
- VisiTouch 2D or VisiTouch MX offline software.



CYBELEC CybTouch 12 PS 2D graphic CNC System

- 12" color graphic with fully touch screen
- Touch 2D graphic part creation with manual sequencing
- Up to 4 axes (Y1,Y2 , X, R-axes)
- Bend allowance calculation.
- Pressure – crowning calculation.
- Modulable tools for each part or bend.
- Angle and back gauge correction.
- Delivered with PC-ModEva offline software



Punches & Dies

- Selecting the appropriate press brake punches and dies is a crucial aspect to consider before placing your order. The right combination of punch and die is essential for achieving the desired bending shape. We offer a wide range of tooling options tailored to meet the diverse bending requirements of our customers.



Spain FAGOR Grating Ruler

- Slider position signal is feedbacked to controller by Spain FAGOR Grating ruler, then the CNC Controller adjusts the amount of fuel tank by changing the synchronous valve opening size, hereby controlling the slider (Y1,Y2) running on the same frequency, maintaining the parallel state of the worktable.



BLMA Tandem CNC Press Brake



The BLMA Tandem CNC Press brake features two press brakes equipped with a CE LazerSafe LZS-XL tandem adapter and linear encoders. Switch between tandem or single mode operation at any time, and transfer bending programs between presses. All working modes comply with the strictest CE standards.

Tandem press brakes are ideal for bending long parts or wide parts. The tandem system enables the two machines to be operated independently or together, delivering faster and better results than a conventional large press brake. The LazerSafe tandem adapter technology ensures high-speed switching, and its safety devices guarantee safe working on each job!

BLMA's tandem press brake advantages allow you to save time and achieve greater efficiency than bending with smaller machines.

Proportional Valve

- The German Rexroth fully closed-loop electro-hydraulic servo high-frequency synchronous control system is adopted to ensure that the machine tool has high stability and high precision in the process of high-speed operation.



Backgauge Servo Motor

- The use of a servo motor allows for greater precision control.



Oil Pump

- Our oil pump is constructed with high-strength cast iron and features a unique internal noise reduction design. It exhibits low sensitivity to oil pollution and has a long service life.



CNC Crowning:

- CNC Crowning system enables the user to offset deformations of the beam while bending, thus, the angle is keeping constant along the entire plate length.





Ball Screw & Guide

- The machine uses ball screws and double linear guides to ensure smooth and reliable operation.



Fast Clamp

- Our top punch can be easily and quickly replaced, allowing for efficient use of time.



High-precision finger stop

- The Thin-support system ensures precise positioning and guidance even for the thinnest sheets, guaranteeing accuracy throughout the sheet metal fabrication process.



Front supportor

- Removable, super supporting capacity.

Dual servo pump control (Optional)

- Promotes a friendly environmental policy, and as such all our equipment features the Hybrid ECO Function. Our hybrid servo-drive positioning system provides accuracy at any position.



Sheet Follower (Optional)

- As the workpiece undergoes the bending process, the sheet follower mechanism enables it to smoothly turn and follow the required shape. This intricate movement is facilitated by the CNC system, which precisely calculates and controls both the angle and speed of the sheet follower. Additionally, the sheet follower can seamlessly glide along the linear guide rail, allowing it to move with ease both to the left and right.



Laser safety protection (Optional)

- The LZS Series and IRIS Series Safety laser protection provide superior optical protection while maintaining the highest level of productivity and performance for CNC press brake.



Wila Hydraulic Clamping System(Optional)

- The Wila's 'New Standard' Tooling System has become market leader for precision, quality and flexibility for the BLMA hydraulic press brakes for sale, the WILA's state-of-the-art clamp system
- Long service life: >10 years
- Quick clamping for WILA style tooling
- Simple push-button loading
- Fast and safe tool changes: Reduce 80% time
- High-precision bending angle and flange edge



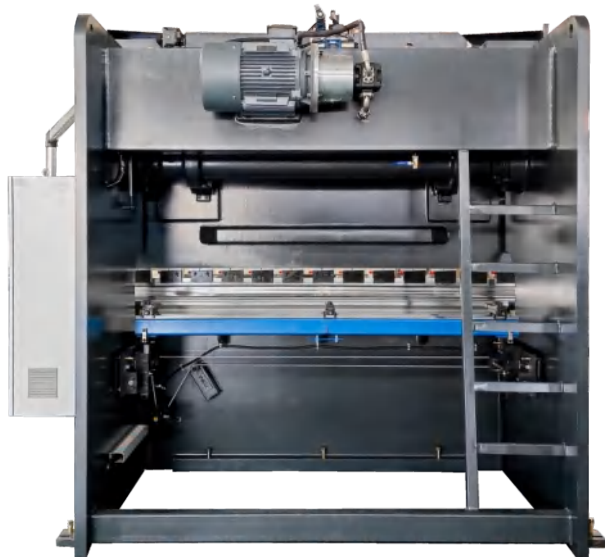
CNC Press Brake Technical Parameters

Model	Bending Force	Bending Length	Column Distance	Throat Depth	Stroke	Daylight	Motor Power	Weight	Dimensions
Unit	KN	mm	mm	mm	mm	mm	KW	Ton	L*W*H mm
40T1300	400	1300	1100	250	150	440	4.0	3.5	1700*1500*2200
40T1600	400	1600	1300	250	150	440	4.0	4	2000*1500*2200
63T1600	630	1600	1300	300	150	440	5.5	4.8	2000*1550*2250
63T2500	630	2500	2050	300	150	440	5.5	5.5	2900*1550*2250
80T/1600	800	1600	1300	300	150	460	7.5	5.9	2000*1600*2500
80T/2500	800	2500	2050	300	150	460	7.5	6.5	2900*1600*2500
110T/2500	1100	2500	2050	400	200	480	11.0	7.5	3100*1800*2750
110T/3200	1100	3200	2700	400	200	480	11.0	8.5	3800*1800*2750
110T/4000	1100	4000	3100	400	200	480	11.0	10.0	4600*1800*2750
135T2500	1350	2500	2050	400	200	480	11.0	8.5	3100*1800*2750
135T/3200	1350	3200	2700	400	200	480	11.0	9.5	3800*1800*2750
135T/4000	1350	4000	3100	400	200	480	11.0	11.0	4600*1800*2750
170T/2500	1700	2500	2050	450	200	480	15.0	10.4	3100*2000*2800
170T/3200	1700	3200	2700	450	200	480	15.0	11.5	3800*2000*2800
170T/4000	1700	4000	3100	450	200	480	15.0	13.0	4600*2000*2800
170T5000	1700	5000	3900	450	200	480	18.5	15.0	5600*2100*2950
170T6000	1700	6000	4900	450	200	480	18.5	18.0	6600*2200*2950
220T/2500	2200	3200	2600	450	200	480	18.5	11.2	3800*2200*2850
220T/3200	2200	3200	2600	450	200	480	18.5	13.5	3800*2200*2850
220T/4000	2200	4000	3100	450	200	480	18.5	15.5	4600*2200*2850
220T/5000	2200	5000	3800	450	200	480	22.0	18	5600*2250*3050
220T6000	1700	6000	4800	450	200	480	22.0	21	6600*2250*3050



CNC Press Brake Technical Parameters

Model	Bending Force	Bending Length	Column Distance	Throat Depth	Stroke	Daylight	Motor Power	Weight	Dimensions
Unit	KN	mm	mm	mm	mm	mm	KW	Ton	L*W*H mm
250T/2500	2500	2500	2000	450	250	540	22.0	14	3100*2250*3000
250T/3200	2500	3200	2600	450	250	540	22.0	15.5	3800*2250*3000
250T/4000	2500	4000	3100	450	250	540	22.0	17.8	4600*2250*3000
250T/5000	2500	5000	3800	450	250	540	22.0	21.3	5600*2250*3150
250T/6000	2500	6000	4800	450	250	540	22.0	25	6600*2250*3150
300T/3200	3000	3200	2600	500	250	570	22.0	18.8	3600*2250*3200
300T/4000	3000	4000	3100	500	250	570	22.0	20.3	4600*2250*3200
300T/5000	3000	5000	3800	500	250	570	30.0	27	5600*2250*3400
300T/6000	3000	6000	4800	500	250	570	30.0	30.4	6600*2250*3400
400T/3200	4000	3200	2400	500	300	610	30.0	22.8	3600*2250*3500
400T/4000	4000	4000	3100	500	300	610	30.0	28.3	4600*2250*3500
400T/5000	4000	5000	3800	500	300	610	37.0	31.2	5600*2250*3500
400T/6000	4000	6000	4800	500	300	610	37.0	37.4	6600*2250*3500
400T/8000	4000	6000	6400	500	300	610	37.0	52.8	8600*2700*3500
500T/4000	5000	4000	3100	500	300	610	37.0	35	4300*2700*3500
500T/5000	5000	5000	3800	500	300	610	45.0	39.8	5300*2700*3500
500T/6000	5000	6000	4800	500	300	610	45.0	45.8	6300*2700*3600
600T/3200	6000	3200	2300	600	320	650	45.0	45	4300*3300*3900
600T/4000	6000	4000	3100	600	320	650	45.0	45.8	4300*3300*3900
600T/5000	6000	5000	3800	600	320	650	45.0	50.3	5300*3300*3900
600T/6000	6000	6000	4800	600	320	650	45.0	56.8	6300*3300*3900
600T/7000	6000	7000	5600	600	320	650	45.0	66.8	7300*3300*3900
700T/6000	7000	6000	4900	600	320	700	55.0	66.8	6300*3500*4000
800T/6000	8000	6000	4600	600	320	800	30*2	76.8	6300*3500*4000
800T/7000	8000	7000	5600	600	320	800	30*2	89.0	7300*3500*4200
800T/8000	8000	8000	6600	600	320	800	30*2	103.0	8300*3600*4500
800T/10000	8000	10000	7800	600	320	800	30*2	130.0	10300*3600*4900



The NC press brake is an affordable hydraulic press brake machine with a competitive price point, easy installation, simple operation, and convenient after-sales maintenance. These benefits have made the NC press brake a popular choice among the majority of our customers.

EASYCAT TP10 Controller

- Support automatic calculation of bending angle
Support angle compensation, length compensation
Support escape function
Support mold management
Can store multi-step bending sequence and products



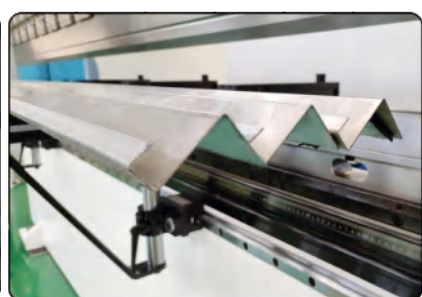
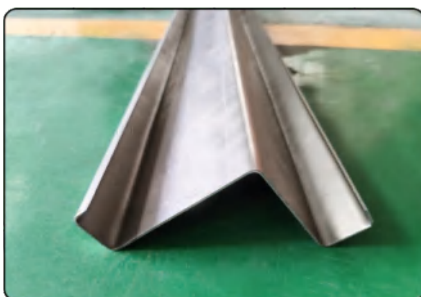
ESTUN E310P Controller

- 4 axes are supported, viz, X-axis, Y-axis, R-axis and C-axis.
The back gauge can be controlled in a high-accuracy since the servo systems control X-axis and R-axis.
Automatic calculation of the block position, according to the bending angle, material, thickness and mold parameters.
The back gauge can be controlled in a high-accuracy since the servo systems control X-axis and R-axis.
Optional hydraulic or mechanical to control the C-axis.
Program in absolute value or angle.
Materials and die informations are programable.
Language setting and unit setting.

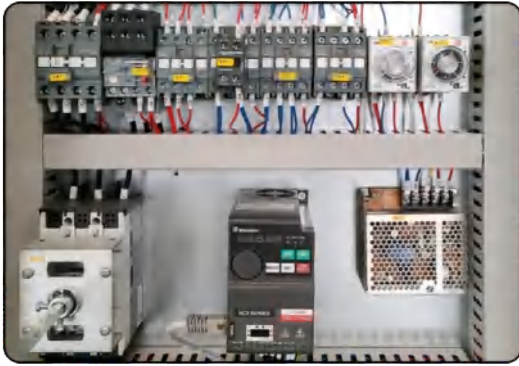


ESTUN E21 Control

- Backgauge control
Control the common motor or inverter
X&Y-axis intelligent positioning
Multi-step programming, 40 programs, each program 25 steps
Built-in time relay function
One-button function switching
Unilateral positioning function
A key backup and restore of parameters
Chinese and English
Metric system



Hydraulic Press Brake



Electrical Parts

- Our machines utilize genuine Schneider parts imported from France, which provide stable and durable performance, ensuring a long service life.



German Siemens Main Motor

- The German famous brand motor increases the service life of the machine and keeps the machine working in a low-noise environment.



Torsion-synch Bar

- The torsion-synch principle governs the vertical movement of the ram.



Limit switch

- Controls the speed of slide descent. Under non-working pressurized condition, the slider descends faster to save time. Under the working pressurized state, the slider falls slowly, preventing the mold and workpiece from being quickly pressurized and causing breakage, making the operation safer.

Backgauge

- Our machines feature a rear stop assembly that is independently designed with high precision, equipped with a high-precision ball screw, adjustable stop finger, and manual lifting capabilities. This design enables our machines to adapt to a variety of different punches.



Valve group

- Feature high-quality hydraulic valves, specifically from the Rexroth brand. These valves are capable of withstanding high pressure, are durable, and require minimal maintenance.



Foot switch

- Foot switch is movable and can stop the machine anytime by the emergency button



Manual Crowning

- The mechanical compensation worktable is an effective solution to eliminate the impact of ram deformation on bending accuracy. This is achieved by adjusting the bulge at each position in the middle through either multi-point compensation worktable or manual deflection compensation worktable. Additionally, it can also rectify angle errors at different positions within the workpiece.



NC Press Brake Technical Parameters								
Model	Bending Force	Bending Length	Throat Depth	Stroke	Daylight	Main Motor	Weight	Dimensions
Unit	Kn	mm	mm	mm	mm	Kw	Ton	L×W×H mm
30T/1300	300	1300	200	80	320	4	1.6	1600*1200*1700
30T/1600	300	1600	200	80	320	4	2.3	1900*1200*1700
30T/2000	300	2000	200	80	320	4	2.5	2300*1200*1700
40T/1300	400	1300	250	100	340	5.5	2.6	1600*1200*1800
40T/1600	400	1600	250	100	340	5.5	3.0	1900*1200*1800
40T/2500	400	2500	250	100	340	5.5	3.5	2900*1200*1900
63T/1600	630	1600	250	120	340	5.5	4.0	2000*1350*2100
63T/2500	630	2500	250	120	340	5.5	4.5	2900*1350*2100
63T/3200	630	3200	250	120	340	5.5	5	3600*1350*2100
80T/2500	800	2500	250	120	350	7.5	5.8	2900*1400*2150
80T/3200	800	3200	250	120	350	7.5	6.2	3600*1400*2150
100T/2500	1000	2500	320	160	420	7.5	6.5	2900*1750*2450
100T/3200	1000	3200	320	160	420	7.5	7	3600*1750*2450
100T/4000	1000	4000	320	160	420	7.5	8.5	4400*1750*2450
125T/2500	1250	2500	320	160	420	7.5	7	2900*1800*2480
125T/3200	1250	3200	320	160	420	7.5	7.5	3600*1800*2480
125T/4000	1250	4000	320	160	420	7.5	9.5	4400*1800*2480
125T/5000	1250	5000	320	160	420	11	9	5500*1800*2850
125T/6000	1250	6000	320	160	420	11	11	6500*1800*2900
160T/2500	1600	2500	350	200	470	11	8.5	2900*1850*2520
160T/3200	1600	3200	350	200	470	11	9.5	3600*1850*2520
160T/4000	1600	4000	350	200	470	11	11	4400*1850*2520
160T/5000	1600	5000	350	200	470	11	13	5500*1850*2950
160T/6000	1600	6000	350	200	470	11	15.5	6000*1850*3050



NC Press Brake Technical Parameters

Model	Bending Force	Bending Length	Throat Depth	Stroke	Daylight	Main Motor	Weight	Dimensions
Unit	Kn	mm	mm	mm	mm	Kw	Ton	L×W×H mm
200T/2500	2000	2500	350	200	470	15	10	3600*1650*2800
200T/3200	2000	3200	350	200	470	15	11.5	3600*1650*2800
200T/4000	2000	4000	350	200	470	15	13.5	4000*1650*2800
200T/5000	2000	5000	350	200	540	15	16	5000*1950*3100
200T/6000	2000	6000	350	200	540	15	19	6000*1950*3100
250T/3200	2500	3200	400	250	580	18.5	14.5	3300*2100*3150
250T/4000	2500	4000	400	250	580	18.5	16.5	4000*2100*3150
250T/5000	2500	5000	400	250	580	18.5	20	5000*2100*3200
250T/6000	2500	6000	400	250	580	18.5	24	6000*2100*3200
300T/3200	3000	3200	400	250	580	22	18.5	3200*2200*3200
300T/4000	3000	4000	400	250	580	22	21	4000*2200*3200
300T/5000	3000	5000	400	250	580	22	24	5000*2200*3200
300T/6000	3000	6000	400	250	580	22	27.5	6000*2200*3200
400T/3200	4000	3200	400	250	580	30	22	3600*2250*3200
400T/4000	4000	4000	400	250	580	30	26	4500*2250*3200
400T/5000	4000	5000	400	250	580	30	32	5500*2400*3200
400T/6000	4000	6000	400	250	580	30	35	6600*2400*3200
500T/4000	5000	4000	500	320	620	37	33	4500*2650*3200
500T/5000	5000	5000	500	320	620	37	37.5	5500*2650*3200
500T/6000	5000	6000	500	320	620	37	43.5	6600*2700*3200
500T/7000	5000	7000	500	320	620	37	55	7700*2700*3200
600T/4000	6000	4000	500	320	620	45	45	4500*2700*3200
600T/5000	6000	5000	500	320	620	45	48	5600*2700*3250
600T/6000	6000	6000	500	320	620	45	55	6600*2700*3300
600T/7000	6000	7000	500	320	620	45	62	7700*2900*3500

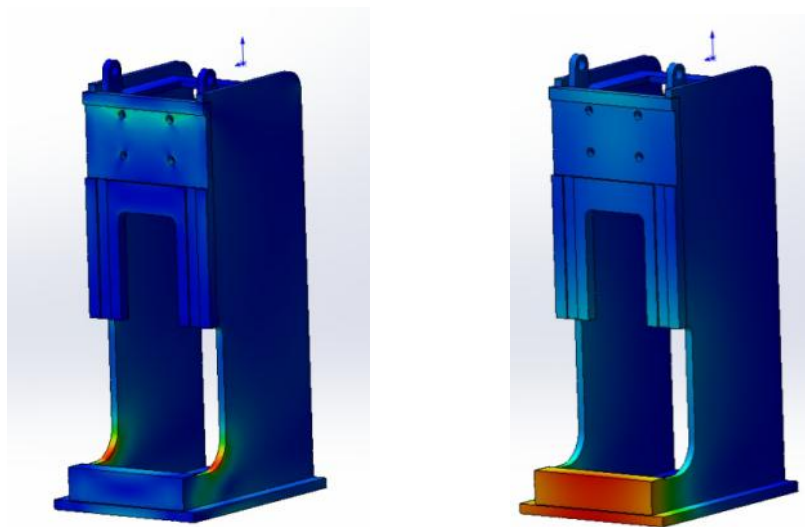


- Noiseless All-electric Servo
- No Hydraulic Oil or Hydraulic Filter
- No Valves or Cylinders
- No Clutch or Flywheel

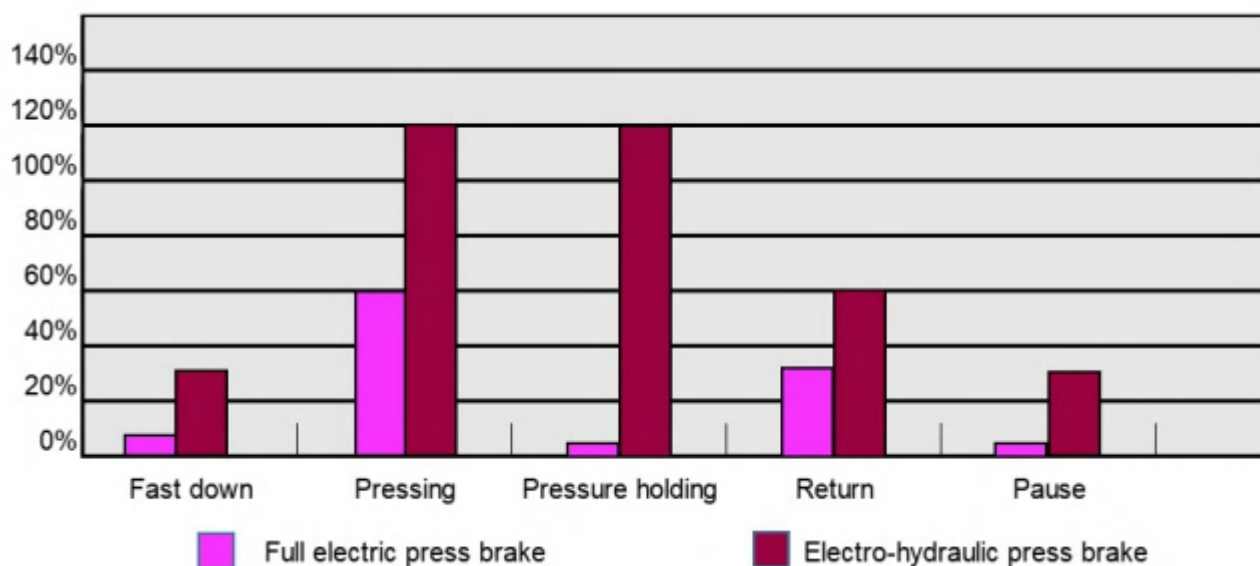


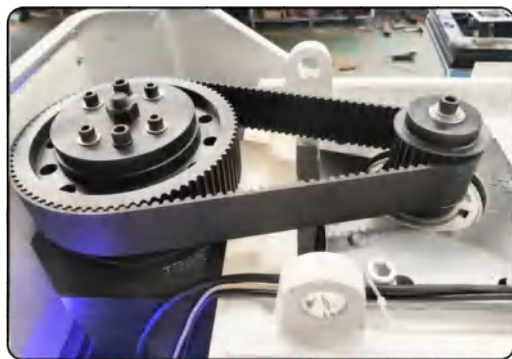
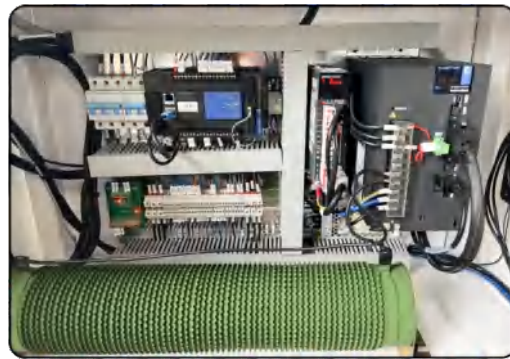


- Electric servo press brakes are highly versatile and suitable for a variety of applications, including precision sheet metal bending, small household appliances, and computer and equipment enclosures. They are designed for bending metal materials and are well-suited for precision sheet metal components and mechanical manufacturing parts.
- Finite element analysis of high rigidity design The key mechanical parts of the machine tool adopt finite element analysis of deformation and safety factor to ensure the overall high rigidity requirements of the machine tool and the reliability of long-term use



Power consumption comparison of 20Ton press brake

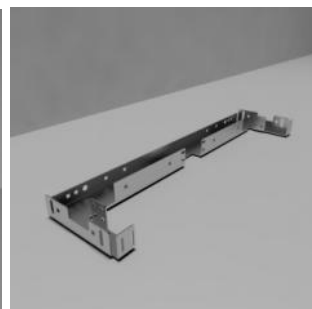
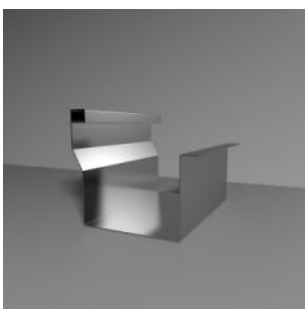
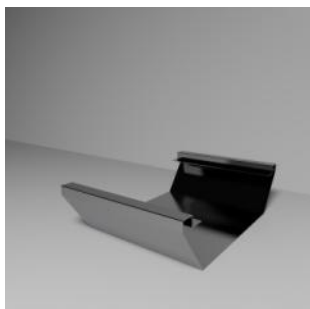
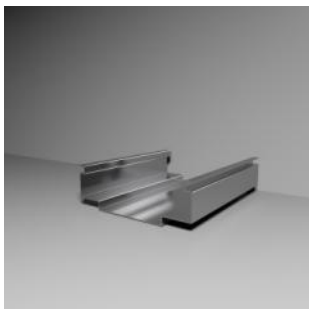


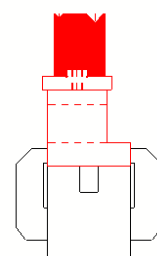
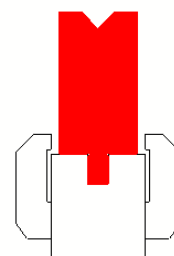
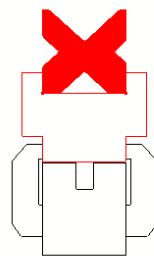
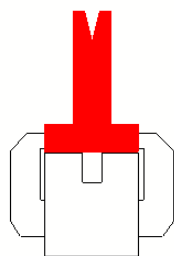
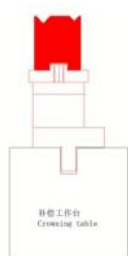
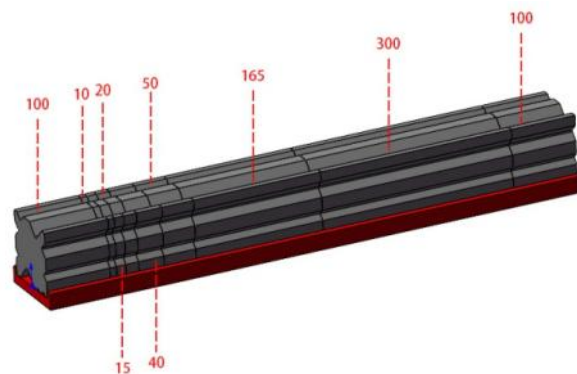
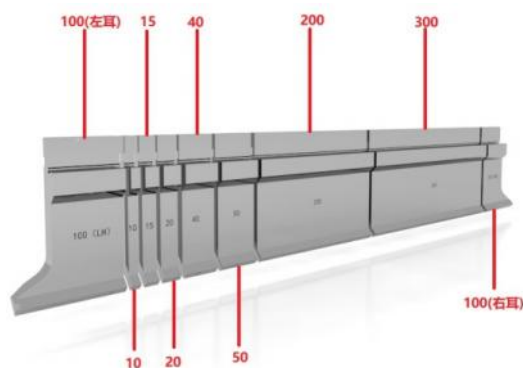




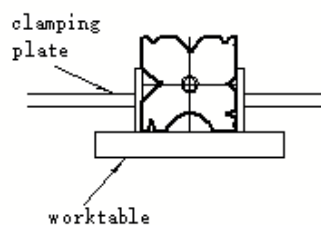
Pure electric Press brake

Model	BLMA-3T200	BLMA-6T400	BLMA-12T600	BLMA-18T800	BLMA-30T1250	BLMA-40T1300	BLMA-63T2500
Bending Force	30KN	60KN	120KN	180KN	300KN	400KN	630KN
Bending Length	200mm	400mm	600mm	800mm	1250mm	1500mm	2500mm
Column Distance	300mm	370mm	450mm	770mm	1050mm	1070mm	2200mm
Throat Depth	/	160mm	200mm	200mm	300mm	300mm	300mm
Backgauge stroke	150mm	200mm	200mm	250mm	500mm	500mm	600mm
Open Height	420mm	420mm	420mm	420mm	430mm	430mm	530mm
Approaching Speed	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	250mm/s	140mm/s
Ram Speed	1-30mm/s	1-30mm/s	1-30mm/s	1-30mm/s	1-30mm/s	1-30mm/s	1-30mm/s
Return Speed	200mm/s	200mm/s	200mm/s	200mm/s	200mm/s	250mm/s	140mm/s
Main Motor	2KW	3KW	5.5KW	7.5KW	7.5kwx2	7.5kwx2	15KWx2
Weight	320kg	560kg	760kg	1500kg	3200kg	3500kg	5600kg
Dimensions	700*700*1980	750*750*1980	850*850*2080	950*1000*2100	2000*1500*2200	2000*1500*2200	3200*1500*2300

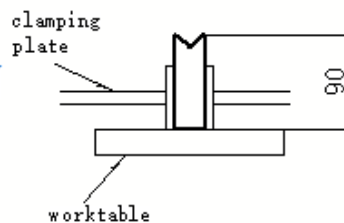




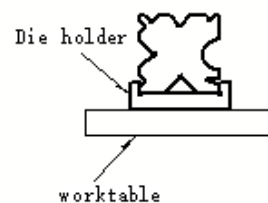
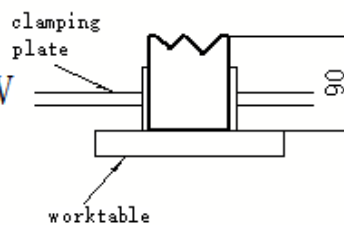
Multi-V die



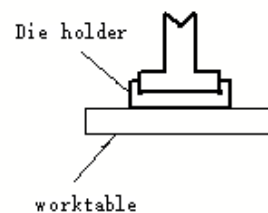
Single V die



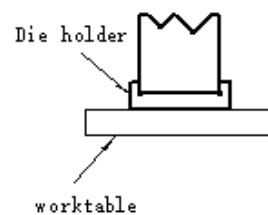
Double V die



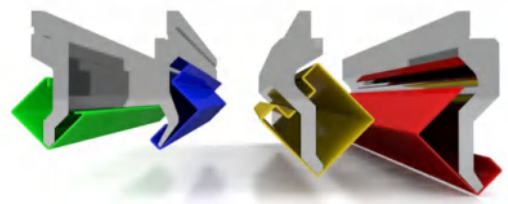
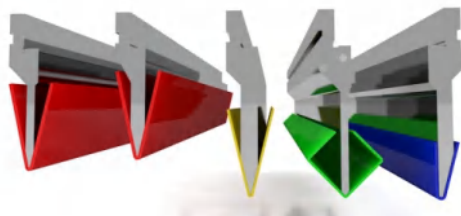
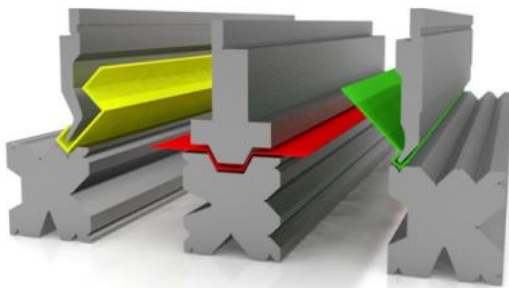
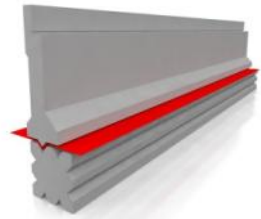
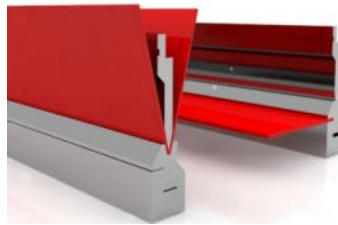
Multi-V die



Single V die



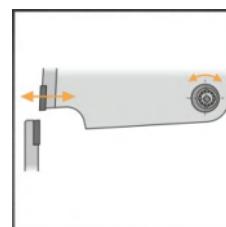
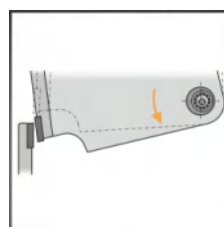
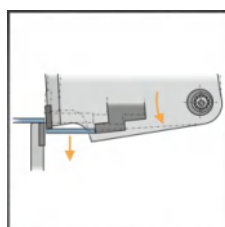
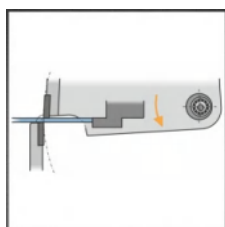
Double V die



QC12K Swing Beam Shearing Machine



- The frame adopts an integral welded structure and is tempered by the fireplace
- Hydraulic drive, nitrogen cylinder return stroke
- The blade gap adjustment is indicated by a sign, which is convenient and quick to adjust
- Equipped with light alignment device, and can steplessly adjust the stroke of the upper tool post
- Adopt fence type safety protection device
- Digital display of backgauge size and cutting times





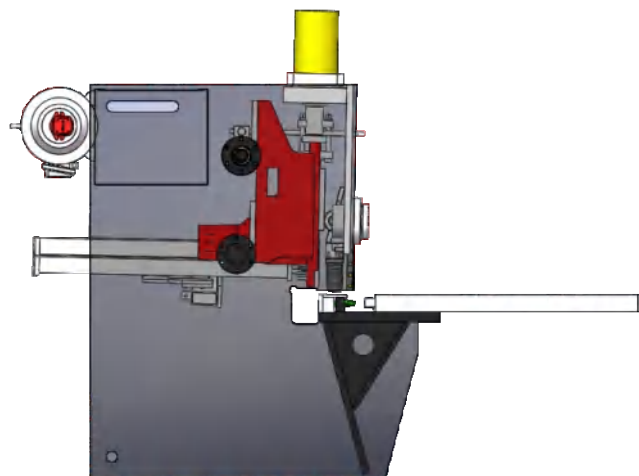
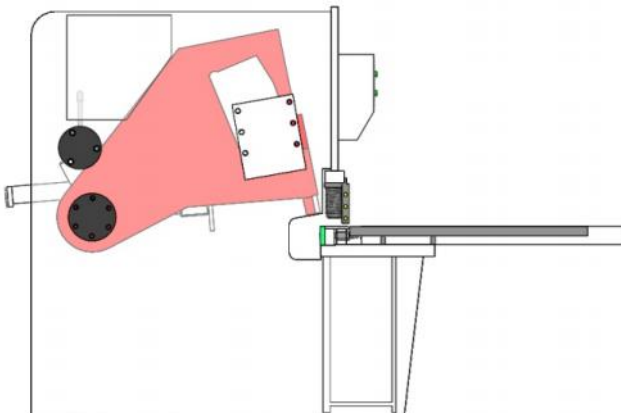
ESTUN NC Control System

ESTUN E21S Control
 High-definition hydraulic display
 Control common motors and frequency converters
 X-axis intelligent positioning
 Multi-step programming, 40 programs, each program 25 steps
 Built-in time relay function
 One-button function switching
 Unilateral positioning function
 A key backup and restore of parameters
 Chinese and English
 Metric system



DAC-360T CNC Controller System

- Panel based housing
- Bright LCD screen
- Back / front gauge control
- Retract function
- Cutting angle and gap control
- Stroke length limitation
- Manual movement of all axes
- Force control
- Sheet thickness measurement
- Return to Sender function
- Sheet support

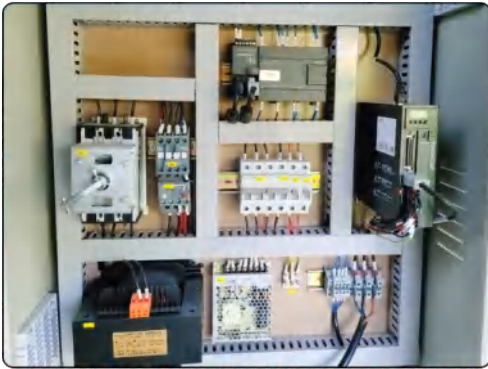


QC11K Series Guillotine Shearing Machine

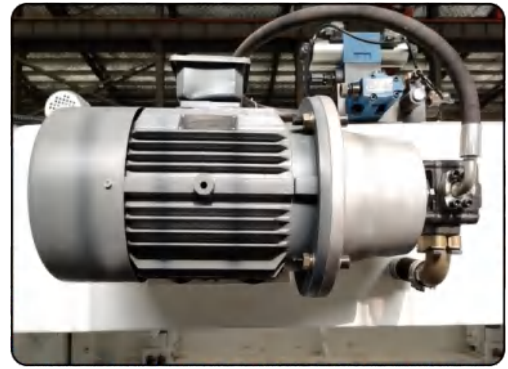


- The frame adopts an integral welded structure and is tempered by the fireplace
- Hydraulic transmission, accumulator return
- Rectangular blade, all four cutting edges can be used, long service life
- The adjustment of the cutting edge gap is indicated by a sign, which is convenient and quick to adjust
- Using fence type safety protection device
- The stroke of the upper tool post can be adjusted steplessly





Electrical System



Motor



Hydraulic Valve



Blade gap adjustment device



Ball Integrated Front Tables



Press Cylinder



Ball Screw



Test accuracy

Technical Parameters

QC12K Technical Parameters								
Type	Cutting thickness	Cutting length	Cutting angel	Throat Depth	Back-GaugeRange	Travel times	Power	Dimension LxWxH
	mm	mm	°	mm	mm	cycle/min	kw	mm
4x2500	4	2500	1.5	100	20-600	18	5.5	3200x1600x1600
4x3200	4	3200	1.5	100	20-600	19	5.5	3900x1600x1600
4x4000	4	4000	1.5	100	20-600	14	7.5	4700x1600x1600
4x5000	4	5000	1.5	100	20-600	12	11	5800x1750x1850
4x6000	4	6000	1.5	100	20-600	8	11	6800x1750x1850
6x2500	6	2500	1.5	100	20-600	17	7.5	3200x1650x1800
6x3200	6	3200	1.5	100	20-600	15	7.5	3900x1650x1800
6x4000	6	4000	1.5	100	20-600	12	7.5	4700x1650x1800
6x5000	6	5000	1.5	100	20-600	10	11	5800x1800x1950
6x6000	6	6000	2	100	20-600	8	11	6800x1800x1950
8x2500	8	2500	2	100	20-600	16	7.5	3200x1700x1850
8x3200	8	3200	2	100	20-600	14	7.5	3900x1700x1850
8x4000	8	4000	2	100	20-600	11	7.5	4700x1700x1850
8x5000	8	5000	2	100	20-600	10	11	5800x1900x2100
8x6000	8	6000	2	120	20-600	8	11	6800x1900x2200
10x2500	10	2500	2	120	20-600	12	11	3200x1850x1900
10x3200	10	3200	2	120	20-600	10	11	3900x1850x1900
10x4000	10	4000	2	120	20-600	8	18.5	4700x1850x1900
10x5000	10	5000	2	120	20-600	7	18.5	5800x2000x2150
10x6000	10	6000	2	120	20-600	6	18.5	6800x2000x2500
12x2500	12	2500	2.5	120	20-600	11	18.5	3200x2050x2150
12x3200	12	3200	2.5	120	20-600	10	18.5	3900x2050x2150
12x4000	12	4000	2.5	120	20-600	8	18.5	4700x2050x2150
12x5000	12	5000	2.5	120	20-600	7	22	5800x2200x2200
12x6000	12	6000	2.5	120	20-600	6	22	6800x2400x2600
16x2500	16	2500	2.5	120	20-600	10	18.5	3200x2150x2250
16x3200	16	3200	2.5	120	20-600	9	18.5	3900x2150x2250
16x4000	16	4000	2.5	120	20-600	8	22	4700x2150x2250
16x5000	16	5000	2.5	120	20-600	6	30	5800x2500x2500
16x6000	16	6000	2.5	120	20-600	6	37	6800x2500x2700
20x2500	20	2500	3	120	20-600	8	22	3200x2250x2350
20x3200	20	3200	3	120	20-600	7	22	3900x2250x2350
20x4000	20	4000	3	120	20-600	6	30	4700x2350x2350
20x5000	20	5000	3	120	20-600	5	37	5800x2600x2700
20x6000	20	6000	3	120	20-600	4	37	6800x2600x2900
25x2500	25	2500	3	120	20-600	6	37	3200x2300x2500
25x3200	25	3200	3	120	20-600	5	37	3900x2300x2500
25x4000	25	4000	3.5	120	20-600	5	37	4700x2500x2600
25x5000	25	5000	3.5	120	20-600	4	45	5800x2700x2800
25x6000	25	6000	3.5	120	20-600	4	45	6800x2700x2900



QC11K Technical Parameters

Type	Cutting thickness	Cutting length	Cutting angel	Throat Depth	Back-GaugeRange	Travel times	Power	Dimension LxWxH
	mm	mm	°	mm	mm	cycle/min	kw	mm
6x2500	6	2500	0.5-1.5	100	10-900	14	7.5	3100x1700x1950
6x3200	6	3200	0.5-1.5	100	10-900	12	7.5	3800x1700x1950
6x4000	6	4000	0.5-1.5	100	10-900	10	7.5	4600x1700x1950
6x5000	6	5000	0.5-1.5	100	10-900	8	11	5700x1850x2150
6x6000	6	6000	0.5-2	100	10-900	6	11	6700x1900x2350
8x2500	8	2500	0.5-2	100	10-900	14	7.5	3100x1800x2050
8x3200	8	3200	0.5-2	100	10-900	12	7.5	3800x1800x2050
8x4000	8	4000	0.5-2	100	10-900	10	7.5	4600x1800x2050
8x5000	8	5000	0.5-2	100	10-900	7	11	5700x1900x2250
8x6000	8	6000	0.5-2	120	10-900	6	11	6700x1900x2250
10x2500	10	2500	0.5-2	120	10-900	10	11	3100x1850x2100
10x3200	10	3200	0.5-2	120	10-900	8	11	3800x1850x2100
10x4000	10	4000	0.5-2	120	10-900	6	18.5	4600x1850x2100
10x5000	10	5000	0.5-2	120	10-900	5	18.5	5700x2000x2500
10x6000	10	6000	0.5-2	120	10-900	4	18.5	6700x2000x2600
12x2500	12	2500	0.5-2.5	120	10-900	10	18.5	3100x2000x2200
12x3200	12	3200	0.5-2.5	120	10-900	8	18.5	3800x2000x2200
12x4000	12	4000	0.5-2.5	120	10-900	6	18.5	4600x2000x2250
12x5000	12	5000	0.5-2.5	120	10-900	5	22	5700x2100x2700
12x6000	12	6000	0.5-2.5	120	10-900	4	22	6700x2100x3000
16x2500	16	2500	0.5-2.5	120	10-900	8	18.5	3100x2100x2300
16x3200	16	3200	0.5-2.5	120	10-900	7	18.5	3800x2100x2400
16x4000	16	4000	0.5-2.5	120	10-900	6	22	4600x2100x2500
16x5000	16	5000	0.5-2.5	120	10-900	5	30	5700x2150x2700
16x6000	16	6000	0.5-2.5	120	10-900	4	37	6700x2150x2900
20x2500	20	2500	0.5-3	120	10-900	6	22	3100x2050x2400
20x3200	20	3200	0.5-3	120	10-900	5	22	3800x2150x2400
20x4000	20	4000	0.5-3	120	10-900	4	30	4600x2200x2800
20x5000	20	5000	0.5-3	120	10-900	4	37	5700x2300x2900
20x6000	20	6000	0.5-3	120	10-900	3	37	6700x2300x3100
25x2500	25	2500	0.5-3	120	10-900	5	37	3500x2250x2550
25x3200	25	3200	0.5-3.5	120	10-900	5	37	4000x2250x2550
25x4000	25	4000	0.5-3.5	120	10-900	3	37	4900x2300x3000
25x5000	25	5000	0.5-3.5	120	10-900	3	45	6100x2500x3100
25x6000	25	6000	0.5-3.5	120	10-900	3	45	7200x2600x3300
30x2500	30	2500	0.5-3.5	120	10-900	4	30	3400x2500x3000
30x3200	30	3200	0.5-3.5	120	10-900	3	37	4000x2600x3200
30x4000	30	4000	0.5-3.5	120	10-900	3	45	4600x2600x3400



Smart 1Kw 1.5Kw 2Kw 3Kw Fiber Laser Cutter
Includes Following Features And Configuration

- REQUEST INFORMATION
 - CYPCUT® CNC 17" SCREEN FSCUT2000 CNC Control System
 - YASKAWA® Highly dynamic EtherCAT servo drive
 - RAYTOOLS® Cutting head Auto Focus (Switzerland)
 - BLMA® Dynamic System 4.0: 1.2G Acceleration
 - BLMA® Fast piercing 2.0: Ultrafast perforation
 - Automatic table exchanger 3015(Optional 4020 / 6020)
 - Graphite Anti-burn Technology
 - Smoke extraction Fan system
 - fiber laser resonator IPG 1000w 1500w 2000w 3000w
 - Smoke extraction system (TODC-4L/4500m³/h).
 - Class IV safety system and CE marking
 - Fully automatic voltage regulator System
 - CYPCUT® Embedded PCs: Industrial PCs with directly integrated I/O level





Laser Metal Cutting Machine Parameters							
Mode	BLMA-A	BLMA-B	BLMA-C	BLMA-D	BLMA-E	BLMA-F	BLMA-G
Laser Power Options (W)	1500w	2000W	3000W	6000W	12000W	20000W	30000W
Working Area	3000*1500mm	4000*1500mm, 6000*1500mm, 4000*2000mm, 6000*2500mm					
X Y Z Axis Stroke	1510*3050*100mm	1520*4100*100mm, 1520*6050*100mm, 2040*4050*100mm, 2510*6100*260mm					
Cutting Ability (mm)	Carbon Steel: 0.8-16mm, Stainless Steel: 0.8-6mm	Carbon Steel: 1-80mm, Stainless Steel: 1-70mm, Aluminum: 1-60mm, Brass: 1-20mm					
Max Acceleration (G)	0.8G	2G					
Upgrades	Independent Control	Water cooler, Smoke Purifier, Air Compressor, Voltage Regulator, Safety Light Curtain, Door Protection Switch					
Positioning Accuracy (mm)	±0.03mm						
Voltage (V)	380V 3PH 50/60HZ						

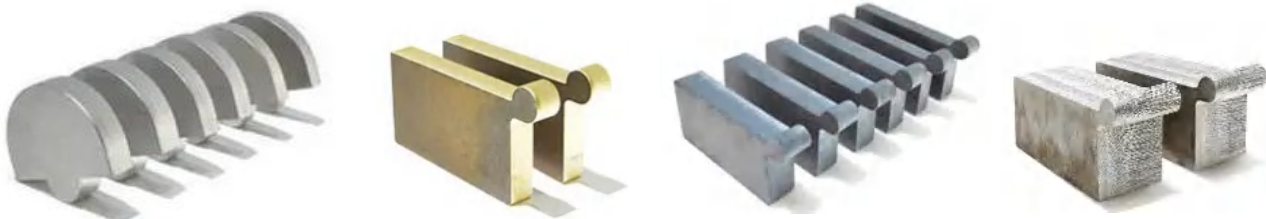
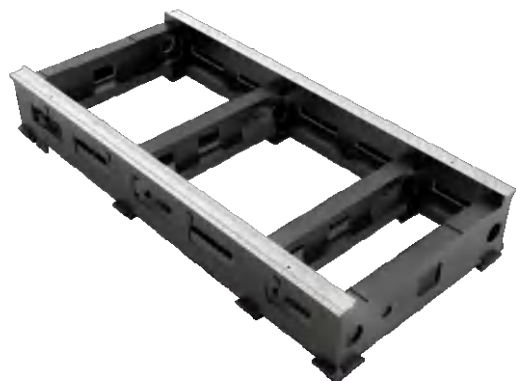
Stretching Aluminum Crossbeam

- Ultra-high-pressure stretching process and lightweight design; Rigidity increases by 60% ; Weight goes down by 20% ; Laser cutter running speed increases by 50%



Hollow Steel Structure Frame

- Built for stability, our laser cutter's steel bed cuts precisely. It has a smart design with a control cabinet upfront and a central area for finished work, ensuring efficiency.





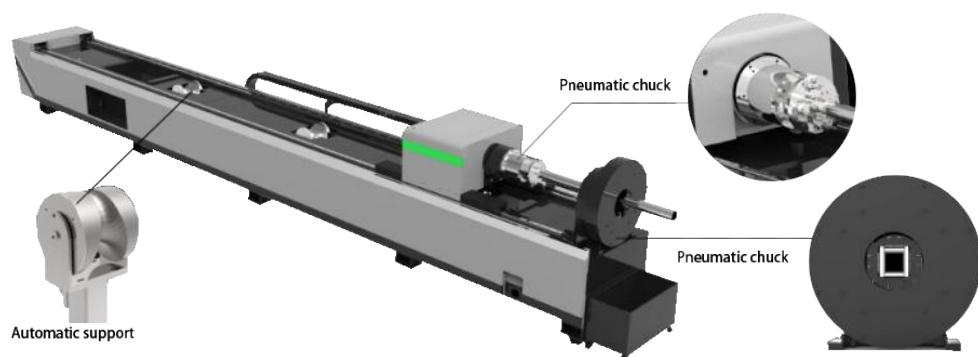
- FSCUT® CNC 22" SCREEN FSCUT5000 TwinCAT Control System
- YASKAWA® Highly dynamic EtherCAT servo drive
- RAYTOOLS® Cutting head Auto Focus (Switzerland)
- BLMA Dynamic pipe surface height tracking
- BLMA Fast piercing 2.0: Ultrafast perforation
- Scope of Pipe Processing: 15 mm- 200 mm
- BLMA Automatic calibration
- Graphite Anti-burn Technology
- Smoke extraction System(TODC-4L/4500m³/h)
- Floating servo table support system
- Automatic Mechanical Loading System ATL-60
- CE Norms:Protective Measures with Real-time monitoring camera
- Class IV safety system and CE marking
- Full automatic voltage regulator System
- FSCCUT®Embedded PCs: Industrial PCs with directly integrated I/O level
- Industrie 4.0 for sheet metal working with TwinCAT Analytics and TwinCAT IoT.



Standard Laser Tube Cutting Machine Technical Parameters			
Mode	BLMA-6016T	BLMA-6024T	BLMA-6035T
Min Diameter	Φ10mm	Φ10mm	Φ10mm
Max Diameter	Φ160mm	Φ240mm	Φ350mm
Laser Power Supply	1500W / 2000W/ 3000W/ 6000W		
Chuck Speed	60r/min		

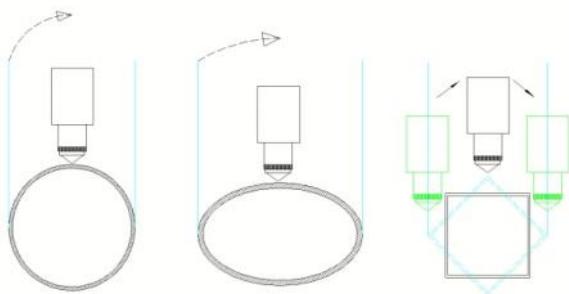
Automatic Clamping

- The standard fiber laser tube cutting machine features fully automatic pneumatic chucks at both the front and rear ends. These chucks offer a diagonal adjustable range of 20-350mm, providing versatile and secure clamping options for a wide variety of tube sizes.



Automatic Support Bracket

- Our machine comes with an intelligent automatic support bracket system that adapts to various types of pipes. This innovative feature effectively solves the issue of long pipe deformation, ensuring consistent cutting quality across different materials and lengths.



Intelligent Recognition

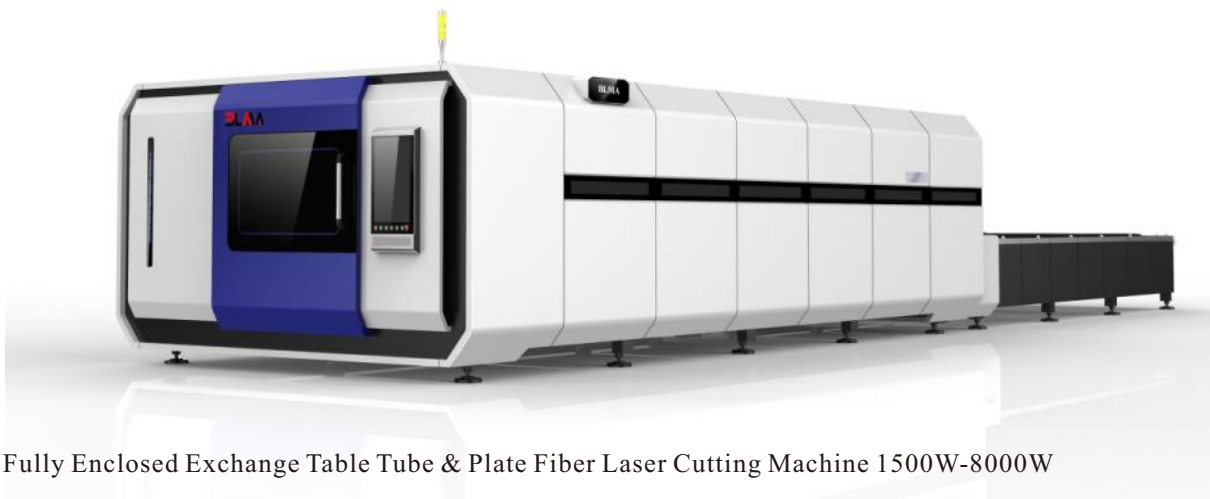
- With contour recognition system, it can automatically identify standard round, oval, square and other special-shaped pipes.
- Tubes realize non-inductive and high-efficiency detection, and realize the position deviation of the whole meter section's cutting accuracy within 0.15mm.

Single Table Tube & Plate

● Fiber Laser Cutting Machine 1500W-6000W



- Can cut both tube and plate metals, combining a tube laser cutting machine and plate laser cutting machine.
Save purchasing costs
One machine with multi-function
Save working space



Fully Enclosed Exchange Table Tube & Plate Fiber Laser Cutting Machine 1500W-8000W

- One Machine with Two Functions•
High Strength Plate Welded Machine Bed•
Double Pneumatic Chucks•
High Speed Exchange Table•
Visualization Control System

Dual-use Sheet & Tube Fiber Laser Cutting Machine				
Mode		BLMA-3015ST	BLMA-4020ST	BLMA-6020ST
Working Area		3000*1500mm	4000*2000mm	6000*2000mm
Laser output power		1000W/1500W/2000W/3000W/4000W/6000W		
Effective pipe cutting diameter		Φ10mm-Φ220mm		
Effective square tube cutting diameter		20*20mm-160*160mm		
Rectangular tube	Min.edge length	≥10mm		
	Max.outer circle diameter	≤220mm		
Effective pipe cutting length		3m/6m		
X/Y/U-axis positioning accuracy		0.03mm		
X/Y/U-axis repositioning accuracy		0.02mm		
X/Y/U-axis Max.linkage speed		120m/min		
U-axis Max.moving speed		30m/min		

Intelligent CNC System

- Easy to operate even by green hands, It support multiple graphic files include DXF, PLT, DWG, AI, G-code, IGS (tube cutting). It is compatible with other nesting software also.
- PAD type operation monitor
- Support multi-brand nesting software
- One-key switch between tube cutting & plate cutting
- Multi language support
- Auxiliary gas low pressure & cutting error alarm
- Safety warning light



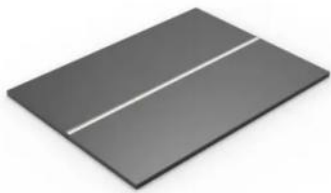
Sharp-pointed Laser Head:

- Made for diminishing tail materials, more convenient processing of special-shaped tubes, quicker follow-up response, and no collision.



Our laser technology is advanced yet easy to use and efficient.
It delivers results quickly and with greater precision compared to TIG welding.
You can adjust the welding settings with six modes to control speed and precision effectively.

Laser power supply
1000W-3000W





- **Laser Welding Gun**

The high-intensity laser beam in this feature is designed for metal welding. It offers precise and rapid laser welds, Offers in strong, quality joins in metal materials.



- **Laser Cleaning Gun**

This feature uses a continuous laser to remove rust and paint from metal surfaces. It's engineered for targeted cleaning, stripping only unwanted layers.



- **Laser Cutting Gun**

Handheld design of the cutting function has the advantages of easy operation and control, especially suitable for thin metal materials.



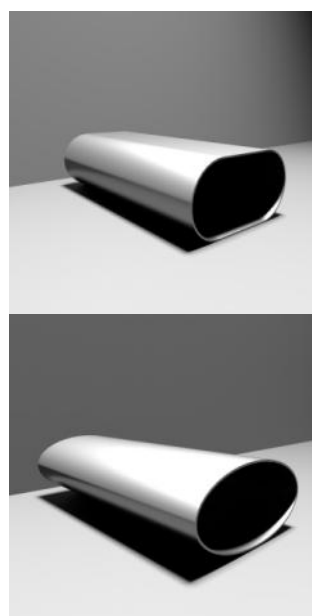
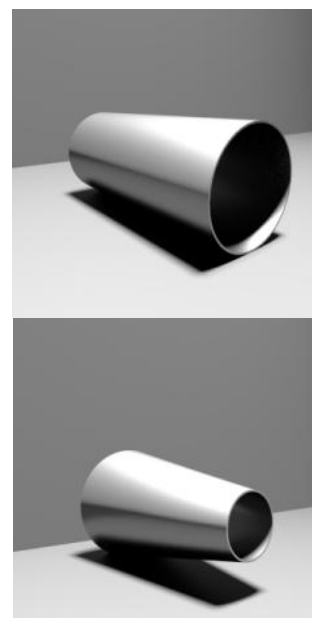
Dual Temperature and Control chiller

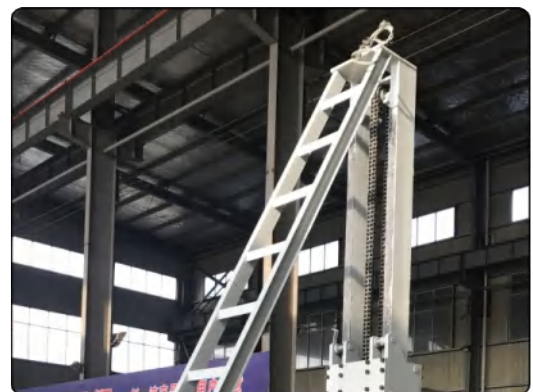
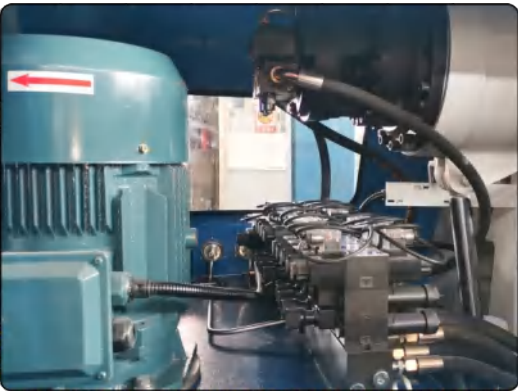
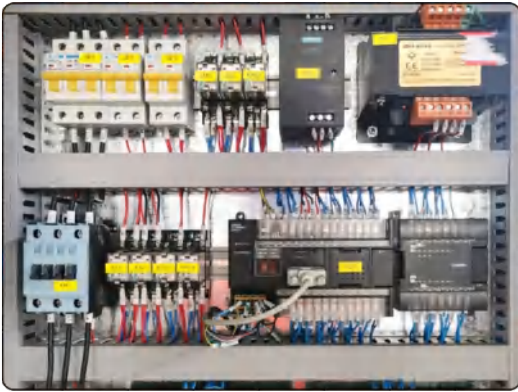
- The machine is self-equipped with dual temperature and control chiller for constant temperature control heat dissipation and ensuring the core optical components heat dissipation with fiber laser, which are stable and efficient.

3 in 1 Handheld Laser Welding Parameters	
Model No.	Handheld Laser Welding Cleaning Cutting Machine
Laser power supply	1000W, 1500W, 2000W, 3000W
Power Adjustment Range	10%-100%
Output Central Wavelength	1070±20nm
Cooling Method	Water cooling
Welding Width	0-5mm
Cleaning Width	Max 80mm
Wire Diameter	0.8/ 1.0/ 1.2/ 1.6mm
Max Wire Feeding Speed	100mm/s
Upgrade	Smoke Purifier

W12 Hydraulics Plate Rolling Machine With 4 Rolls

BLMA 4 Roll sorting includes the most advanced machines for rolling sheets from 1-20mm up to 80-100mm thick. 4 roll machines are precise, easy to use, intuitive and can roll sheets quickly, up to 6m per min. They are the most high-tech and productive medium-duty application on the market. The safe control of the entire system guarantees her operation, this is the core and geometry of Valsen in the machine, it is the engineering and engineering of linear drives.





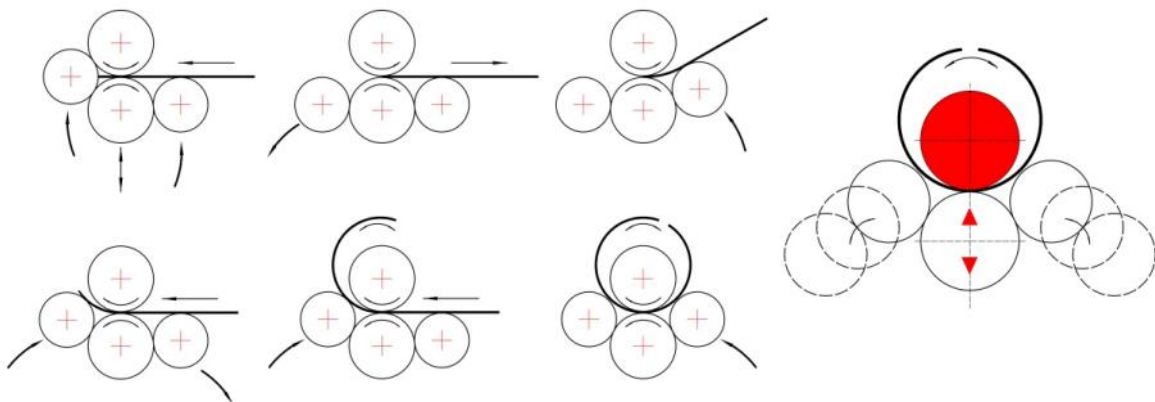
W12 Hydraulics Plate Rolling Machine With 4 Rolls Technical Parameters								
Model	Max.Bending thickness(mm)	Pre-bending thickness(mm)	Max.Working length of rolls (mm)	Yield limit (Mpa)	Top roller diameter(mm)	Bottom roller diameter(mm)	Side roller diameter(mm)	Main power (Kw)
W12 -4X2000	4	3.5	2050	245	160	140	120	3
W12-6X2000	6	5	2050	245	190	170	150	4
W12-8X2000	8	6.5	2050	245	210	190	170	5.5
W12-10X2000	10	8	2050	245	230	210	190	7.5
W12-12X2000	12	10	2050	245	270	250	210	11
W12-16X2000	16	13	2050	245	300	270	220	11
W12-20X2000	20	16	2050	245	330	300	240	11
W12-25X2000	25	20	2050	245	360	330	250	15
W12-30X2000	30	25	2050	245	390	360	300	18.5
W12-35X2000	35	28	2050	245	430	390	330	22
W12-40X2000	40	32	2050	245	460	420	360	30
W12-45X2000	45	36	2050	245	510	460	390	37
W12-50X2000	50	40	2050	245	550	510	420	45
W12-4X2500	4	3.5	2550	245	190	170	150	4
W12-6X2500	6	5	2550	245	210	190	170	5.5
W12-8X2500	8	6.5	2550	245	230	210	190	7.5
W12-10X2500	10	8	2550	245	270	250	210	11
W12-12X2500	12	10	2550	245	300	270	220	11
W12-16X2500	16	13	2550	245	330	300	240	11
W12-20X2500	20	16	2550	245	360	330	250	15
W12-25X2500	25	20	2550	245	390	360	300	18.5
W12-30X2500	30	25	2550	245	430	390	330	22
W12-35X2500	35	28	2550	245	460	420	360	30
W12-40X2500	40	32	2550	245	510	460	390	37
W12-45X2500	45	36	2550	245	550	510	420	45

Optional:



W12 Hydraulics Plate Rolling Machine With 4 Rolls Technical Parameters

Model	Max.Bending thickness(mm)	Pre-bending thickness(mm)	Max.Working length of rolls (mm)	Yield limit (Mpa)	Top roller diameter(mm)	Bottom roller diameter(mm)	Side roller diameter(mm)	Main power (Kw)
W12-4X3000	4	3.5	3100	245	210	190	170	5.5
W12-6X3000	6	5	3100	245	230	210	190	7.5
W12-8X3000	8	6.5	3100	245	270	250	210	11
W12-10X3000	10	8	3100	245	300	270	220	11
W12-12X3000	12	10	3100	245	330	300	240	11
W12-16X3000	16	13	3100	245	360	330	250	15
W12-20X3000	20	16	3100	245	390	360	300	18.5
W12-25X3000	25	20	3100	245	430	390	330	22
W12-30X3000	30	25	3100	245	460	420	360	30
W12-35X3000	35	28	3100	245	510	460	390	37
W12-40X3000	40	32	3100	245	550	510	420	45
W12-50X3000	50	40	3100	245	610	560	480	55
W12-60X3000	60	48	3100	245	670	620	520	75
W12-4X4000	4	3.5	4100	245	270	250	210	11
W12-6X4000	6	5	4100	245	300	270	220	11
W12-8X4000	8	6.5	4100	245	330	300	240	11
W12-10X4000	10	8	4100	245	360	330	250	15
W12-12X4000	12	10	4100	245	390	360	300	18.5
W12-16X4000	16	13	4100	245	430	390	330	22
W12-20X4000	20	16	4100	245	460	420	360	30
W12-25X4000	25	20	4100	245	510	460	390	37
W12-30X4000	30	25	4100	245	550	510	420	45
W12-35X4000	35	28	4100	245	610	560	480	55
W12-40X4000	40	32	4100	245	670	620	520	75

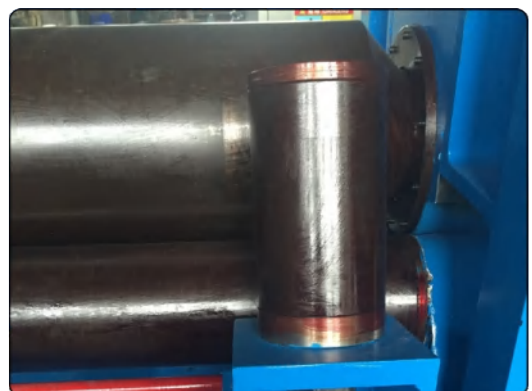
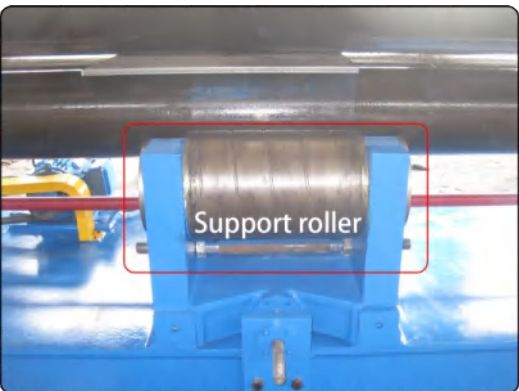
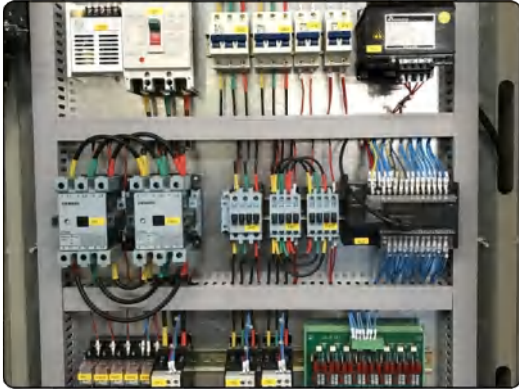


W11S 3 rollers rolling machine

W11S Upper Roller Universal Plate Rolling Machine

- Cone bending device contributes to make conical bend easily.
- Specific bending process includes special bending craft, high-accuracy prebending of the edge, simple digital control.
- Customers can choose economic digital display type or TNC digital control type which's totally dependent on their needs.
- Abundant shape bend like shape O, U, R etc.
- It's easy and convenient to move the workplace when equipped with simple ground foundation and whole solid chassis.
- The top roller is designed as drum shape. In order to make a perfect cylinder from thin plate to thick plate, support roller is always installed at the lower part of bottom roller.



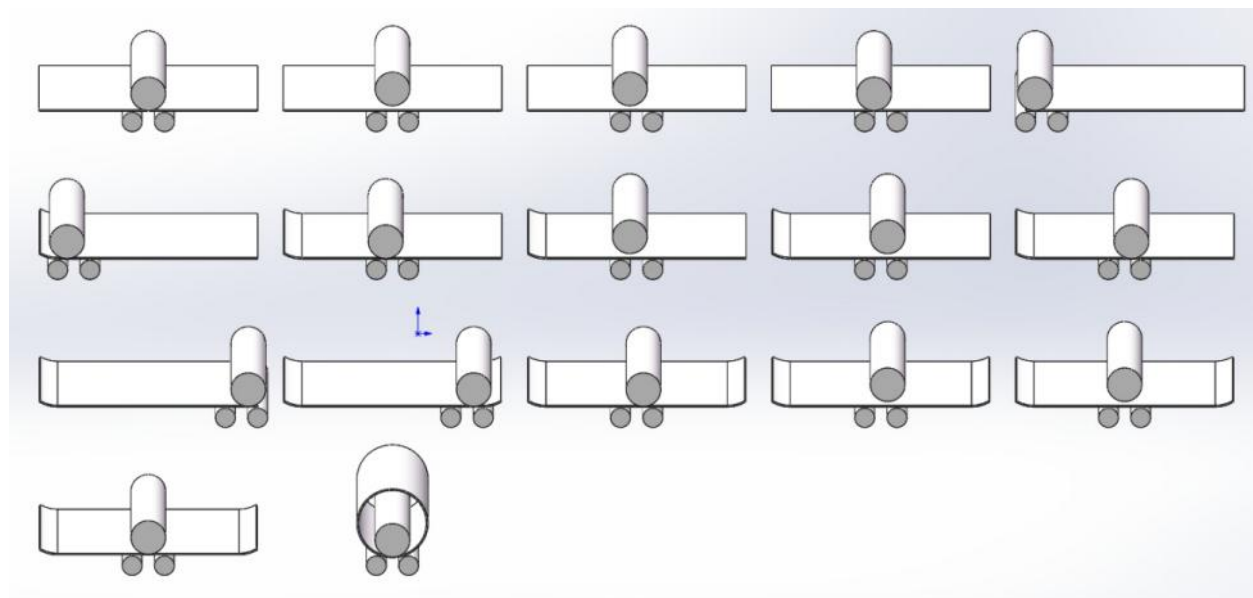


Technical Parameters

W11S Middle And Smal Type Upper Roller Universal Plate Rolling Technical Parameters										
Model	Pressure of top roller (Tons)	Max.Bending thickness(mm)	Pre-bending thickness(mm)	Max.Working length of rolls (mm)	Top roller diameter(mm)	Bottom roller diameter(mm)	Central distance(mm)	Main motor (Kw)		
								Drive	Hydraulic	Movement
W11S-4X2500	25	4	3.5	2500	200	125	160	4	2.2	1.1
W11S-6X2500	30	6	5	2500	210	125	160	4	2.2	1.1
W11S-8X2000	37	8	6.5	2000	210	135	180	4	2.2	1.1
W11S-8X2500	37	8	6.5	2500	235	135	180	5.5	2.2	1.1
W11S-10X2000	37	10	8	2000	235	135	180	5.5	2.2	1.1
W11S-10X2500	55	10	8	2500	250	145	200	7.5	4	1.1
W11S-12X2000	65	12	10	2000	250	145	200	7.5	4	1.1
W11S-12X2500	75	12	10	2500	265	145	200	7.5	4	1.5
W11S-12X3000	75	12	10	3000	290	150	245	11	4	1.5
W11S-16X2000	75	16	13	2000	265	150	245	7.5	4	1.5
W11S-16X2500	100	16	13	2500	300	165	270	15	5.5	1.5
W11S-16X3000	130	16	13	3000	330	180	300	15	5.5	2.2
W11S-20X2000	100	20	16	2000	300	165	270	15	5.5	1.5
W11S-20X2500	130	20	16	2500	330	180	300	15	5.5	2.2
W11S-20X3000	160	20	16	3000	380	200	330	18.5	7.5	2.2
W11S-20X4000	230	20	16	4000	440	235	380	30	11	4
W11S-25X2500	190	25	20	2500	380	220	360	22	7.5	4
W11S-25X3000	230	25	20	3000	410	235	380	30	11	4
W11S-25X4000	270	25	20	4000	490	250	400	30	11	4
W11S-30X2500	230	30	25	2500	410	235	380	30	11	4
W11S-30X3000	270	30	25	3000	450	250	400	30	11	4
W11S-30X4000	380	30	25	4000	550	275	460	45	22	5.5
W11S-35X2500	320	35	28	2500	450	250	400	30	11	4
W11S-35X3000	380	35	28	3000	510	275	460	45	22	5.5
W11S-40X2500	380	40	32	2500	500	275	460	45	22	5.5
W11S-40X3000	430	40	32	3000	540	290	500	55	22	7.5
W11S-40X4000	540	40	32	4000	630	340	610	55	22	11
W11S-45X3000	540	45	36	3000	590	340	610	55	22	11
W11S-50X2500	430	50	40	2500	580	290	500	55	22	7.5

W11S Big Type Upper Roller Universal Plate Rolling Technical Parameters

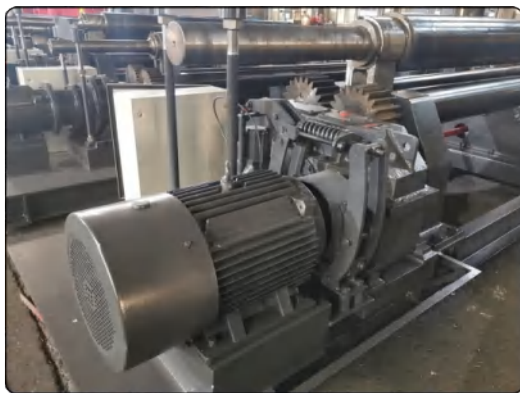
Model	Pressure of top roller (Tons)	Max.Bending thickness(mm)	Pre-bending thickness(mm)	Max.Working length of rolls (mm)	Top roller diameter(mm)	Bottom roller diameter(mm)	Central distance(mm)	Main motor (Kw)		
								Drive	Hydraulic	Movement
W11S-50X3000	540	50	40	3000	600	340	610	55	22	11
W11S-50X4000	690	50	40	4000	700	380	700	75	30	15
W11S-55X3000	610	55	45	3000	620	360	650	75	30	15
W11S-55X4000	850	55	45	4000	750	420	780	90	37	15
W11S-60X3000	690	60	50	3000	650	380	700	75	30	15
W11S-60X4000	930	60	50	4000	780	440	820	90	37	15
W11S-70X3000	850	70	56	3000	710	420	780	75	37	15
W11S-70X4000	1150	70	56	4000	840	480	920	110	45	18.5
W11S-75X3000	930	75	60	3000	740	440	820	90	37	15
W11S-80X3000	1050	80	65	3000	770	460	880	90	37	18.5
W11S-90X3000	1150	90	75	3000	820	480	920	110	45	18.5
W11S-100X3000	1350	100	80	3000	860	480	920	110	45	22
W11S-110X4000	1800	110	90	4000	950	600	1120	132	55	37
W11S-120X3000	1800	120	100	3000	920	580	1120	132	55	37
W11S-120X4000	2300	120	100	4000	990	640	1280	2x75	75	37
W11S-150X3000	2300	150	120	3000	1050	660	1280	2x75	75	45
W11S-160X3000	2500	160	130	3000	1080	700	1360	2x75	75	45
W11S-160X4000	2800	160	130	4000	1260	720	1380	2x90	90	45



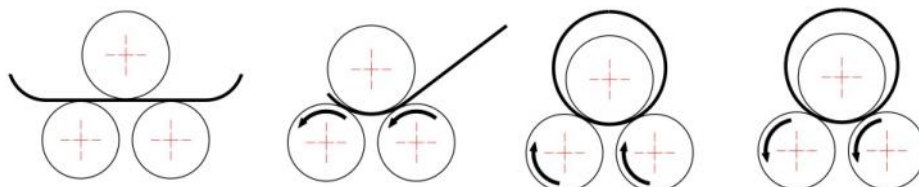
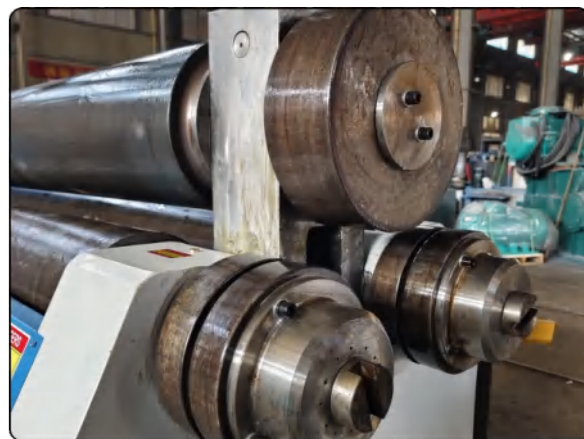
W11 3-Roller Mechanical Symmetrical Plate Rolling Machine

This kind of plate bending machine belongs to 3 roller symmetrical mechanical structure. The top roller moves up and down at the central part of the two bottom rolls. Screw nut and worm gear both play role of transmission. Two bottom rolls act as main driving rolls. Through the meshing, they are able to rotate between the output gear of the gearbox and the bottom roller, so as to supply the torque to bend plate. This type of machine does well in compact structure, easy operation and convenient maintenance.





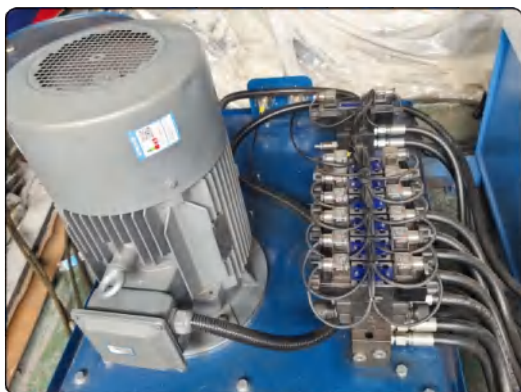
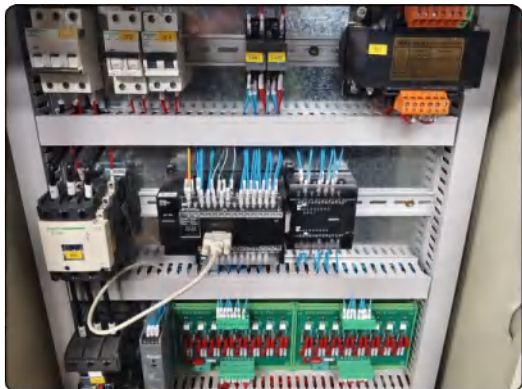
W11 3- Roller Mechanical Symmetrical Plate Rolling Machine Technical Parameters								
Model	Max.Bending thickness(mm)	Max.Bending width(mm)	Yield limit (Mpa)	Coiling Speed(m/min)	Top roller diameter(mm)	Bottom roller diameter(mm)	Central distance(mm)	Main power(Kw)
W11-4x1500	4	1500	245	5	150	140	200	4
W11-4x2000	4	2000	245	5	160	150	220	4
W11-6x1500	6	1500	245	5	160	150	220	4
W11-6x2000	6	2000	245	5	170	160	220	5.5
W11-6x2500	6	2500	245	4.5	180	170	250	5.5
W11-8x1500	8	1500	245	5	170	160	220	5.5
W11-8x2000	8	2000	245	4.5	180	170	250	5.5
W11-8x2500	8	2500	245	4.5	240	180	280	7.5
W11-12x2000	12	2000	245	4.5	240	180	280	7.5
W11-12x2500	12	2500	245	4.5	260	220	320	11
W11-12x3000	12	3000	245	4	280	240	360	11
W11-16x2000	16	2000	245	4.5	260	220	320	11
W11-16x2500	16	2500	245	4	280	240	360	11
W11-16x3000	16	3000	245	4	340	270	440	15
W11-20x2000	20	2000	245	4	280	240	360	11
W11-20x2500	20	2500	245	4	340	270	440	15
W11-25x2000	25	2000	245	4	340	270	440	15
W11-25x2500	25	2500	245	4	370	280	480	22
W11-30x2000	30	2000	245	4	370	280	480	22
W11-30x2500	30	2500	245	4	420	360	550	30
W11-30x3000	30	3000	245	4	450	390	600	30
W11-40x2500	40	2500	245	4	500	400	600	37



W24S Full Hydraulics Profile Bending Machine

- 1 set of high-grade standard solid and ground rolls (special steel)
- Side support rollers are used to bend angle iron, leg in-leg out
- Customer can select horizontal or vertical operation
- Reliable and safe overload protection is set in hydraulic and electrical systems
- Hydro motor drives all rolls and planetary/gear
- Convenient and simple portable control panel
- Machine body is made up of stress-relieved steel
- Bottom rolls can be hydraulically adjusted with digital readout





W24S Full Hydraulics Profile Bending Machine Technical Parameters

Technical data			W24S(WY24-)											
Max.bending resistant modulus			6	16	30	45	75	100	140	180	260	320	400	500
Bending speed(m/min)			6		5				4					
Yield limit(mpa)			S=250											
	Angle, inner bending	Max.section size	40x5	70x8	80x8	90x10	100x10	120x12	140x16	150x16	160x16	180x14	200x18	200x20
	Angle, outer bending	Max.section size	50x5	80x8	90x10	100x10	120x12	140x16	150x16	160x16	180x14	200x18	200x24	250x25
	Channel, outer bending	Channel size	8	12	16	20	25	25	30	32	36	40	45	50
	Channel, inner bending	Channel size	8	12	16	20	25	28	30	32	36	40	45	50
	Plate, flat bending	Max.section size	100x18	150x25	180x25	200x30	220x40	250x40	280x50	300x50	330x50	360x60	400x75	500x76
	Plate, vertical bending	Max.section size	50x12	75x16	90x20	100x25	110x40	120x40	150x40	180x30	190x40	190x50	200x50	200x60
	Tube bending	Max.section size	42x4	76x4.5	89x5	89x8	114x5	159x5	168x6	168x8	219x8	245x8	273x8	323x10
	Rod bending	Max.section size	38	52	62	75	85	90	100	110	120	135	150	160
	Square bending	Max.section size	45x3	60x4	70x4	80x6	90x8	100x10	125x10	140x10	150x10	165x10	180x12	200x12





About us

BLMA - YOUR BEST PARTNER FOR SUCCESSFUL BUSINESS

MISSION IS TO PIONEER INNOVATIONS THAT ELEVATE YOUR PRODUCTION EFFICIENCY





Services

- **Diverse On-site Support**
With 150 local service centers, BLMA on-site services are tailored to your specific requirements and provide convenience and reliability. Our skilled technicians will come to your location to diagnose and fix any issues quickly and efficiently, ensuring minimal downtime.
- **1-on-1 Professional Services**
BLMA will guide you through the entire process and ensure that everything is set up and functioning correctly. Our team of experts is always available to answer any questions you may have and provide ongoing support to ensure your satisfaction.
- **Rapid Spare Parts Delivery**
If you require spare parts for your machine, we have you covered. We offer immediate shipment of spare parts and consumables, you can expect to receive them within 7 days.
- **Training Sessions**
Our machines are designed to be user-friendly, and many can be operated reliably after just a brief training session. With our training, you'll be able to work with your machines with ease and efficiency.
- **Technical Support**
At your disposal, there is an international field service staff, made of qualified technicians, with skills in all technologies. For a detailed technical analysis, it is possible to connect remotely your machine with our phone and remote support that can carry out a complete and effective diagnosis and in many cases can find a solution.

HIWIN
Motion Control & Systems

SIEMENS

VOITH

FAGOR

YASKAWA

TSUNTEN
ムラダ精密

Rexroth
Bosch Group

OMRON

WILA
WILHELM KILIAN WERKE
THE FIRST DRILL PRODUCTION EXPERT

7 OCEAN

NACHI

HOERBIGER

CYBELEC
INFRAFOR GROUP COMPANY

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YUKEN
HYDRAULIC EQUIPMENT

Schneider Electric

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AUTOMATION

HAWES
HYDRAULIK



Nanjing BLMA Machinery CO.,LTD