

The products are all over the world, and the performance is quite famous at home and abroad.



JUGAO CNC MACHINE JIANGSU CO.,LTD

Add: Haian Industry Zone Haian City Jiangsu Province China

Mobile:+86 13222111178

<http://www.ntjugao.com>

E-mail: info@ntjugao.com

WhatsApp



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JUGAO CNC MACHINE JIANGSU CO.,LTD

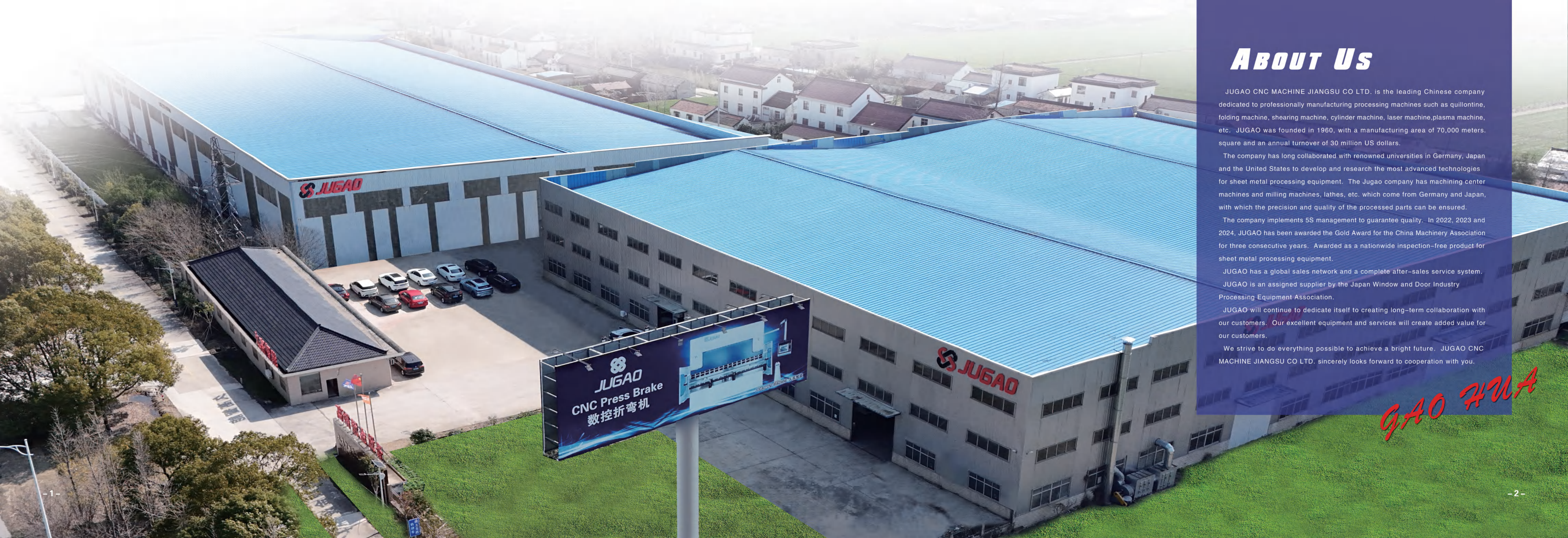
Professional metal equipment manufacturer



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ABOUT Us

JUGAO CNC MACHINE JIANGSU CO LTD. is the leading Chinese company dedicated to professionally manufacturing processing machines such as quillontine, folding machine, shearing machine, cylinder machine, laser machine, plasma machine, etc. JUGAO was founded in 1960, with a manufacturing area of 70,000 meters square and an annual turnover of 30 million US dollars.

The company has long collaborated with renowned universities in Germany, Japan and the United States to develop and research the most advanced technologies for sheet metal processing equipment. The Jugao company has machining center machines and milling machines, lathes, etc. which come from Germany and Japan, with which the precision and quality of the processed parts can be ensured.

The company implements 5S management to guarantee quality. In 2022, 2023 and 2024, JUGAO has been awarded the Gold Award for the China Machinery Association for three consecutive years. Awarded as a nationwide inspection-free product for sheet metal processing equipment.

JUGAO has a global sales network and a complete after-sales service system.

JUGAO is an assigned supplier by the Japan Window and Door Industry Processing Equipment Association.

JUGAO will continue to dedicate itself to creating long-term collaboration with our customers. Our excellent equipment and services will create added value for our customers.

We strive to do everything possible to achieve a bright future. JUGAO CNC MACHINE JIANGSU CO LTD. sincerely looks forward to cooperation with you.

GAO HUA

DEVELOPMENT HISTORY

1960
JUGAO CNC MACHINE JIANGSU CO., LTD
was established in 1960.Products are mainly
based on China market

2013
In 2013, the company gradually developed and
grew, professional agent of
domestic famous brand machinery products,
products are sold to the Middle East.

2020
2016 to 2020, the company has set
up its own production enterprises to
produce products for sale all over the world.

2024
The company establishes overseas warehouses
and service points in foreign countries

AIMING FOR THE BEST.RUNNING
TOWARDS THE FUTURE.

CERTIFICATION

INTEGRITY TO WIN THE HONOR

When the splendid yesterday has passed,we pay more attention to future growth.We
will,as always,put our product quality first,and supervise strictly every aspect of
production,to provide more reliable products. JUGAO is wonderful because of you!



60 years of focus on brand whole case building
Enhance your brand competitiveness

Fabrication Equipment

"If a worker wants to do a good job, he must first sharpen his tools."Enterprise first-class production equipment, strict production organization management system Optimize the allocation of various production resources,It's our high-end production facilities that do their job,Make our product quality more perfect.....



JUGAO
一. Exhibition



JUGAO
二. Customers Visting



JUGAO
三. Installation and Training



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IRONWORKER

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Electro-hydraulic synchronize cnc press brakes

Performance:

- New EU streamlined design
- Integrated frame welding
- V-axis mechanical compensation
- Adopt a fully functional multiple back gauge mechanism
- Adopt imported integrated hydraulic control system
- Segmentable upper die, Combined lower die
- Adopt the Dutch DELEM DA series CNC control system
- Stable hydraulic oil temperature
- ANSYS finite element analysis software
- Y1 and Y2 axes control

/STANDARD PARTS



Mechanical compensation



Rexroth Valves



Siemens motor



One key release fast clamp



Givi grating ruler



Schneider electrics



Sunny USA pump



Front supports

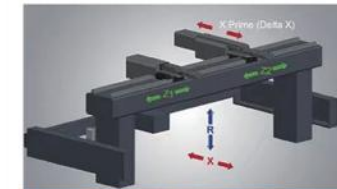
/CNC BACKGAUGE



2-AXIS BACKGAUGE (X+R)



4-AXIS BACKGAUGE (X+R+Z1+Z2)



5-AXIS BACKGAUGE (X+R+Z1+Z2+X PRIME)



6-AXIS BACKGAUGE (X1-X2+R1+R2+Z1+Z2)



Stroke X	600mm (custom)
Max. Speed X	500 mm/s
Stroke R	200mm
Max. Speed R	200 mm/s

/OPTIONAL PARTS



1 Pump
1 Servo motor



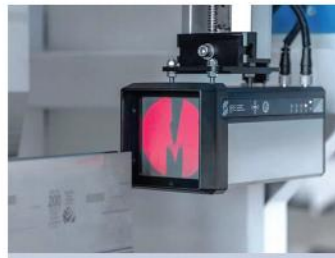
2 Pumps
2 Servo motors



Wila Hydraulic clamp



MSD laser protection



IRIS Laser protection



Wireless Freedom



Follower supports



Laser Angle measurement



Remote support



DSP



JUGAO

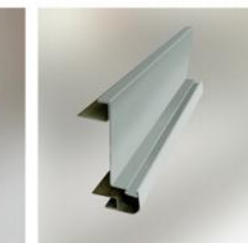
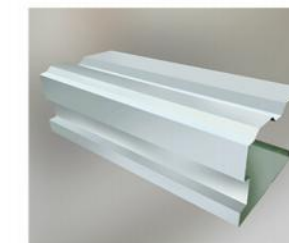
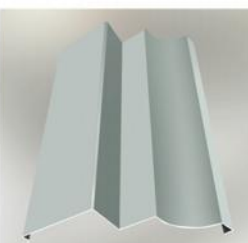


Performance:

- The whole machine adopts high-quality steel plate welding, and the main welding parts are vibrated to eliminate stress, so as to ensure the safety of the machine tool;
- Adopt Europe hydraulic integrated system,higher frequency response, lower failure rate, faster and more stable of machine' s operation;
- The beam of back gauge adopts linear guide structure,guarantee positioning accuracy with high quality,multi – level block positioning, increase the positioning range of block;

Torsion bar synchronize CNC press brake

/STANDARD PARTS



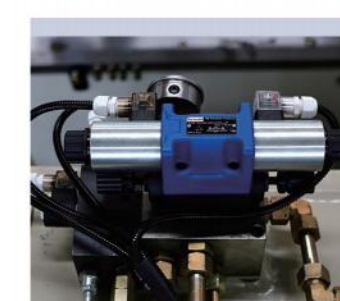
Siemens Motors



Fingers



Sunny USA
Hydraulic Pump



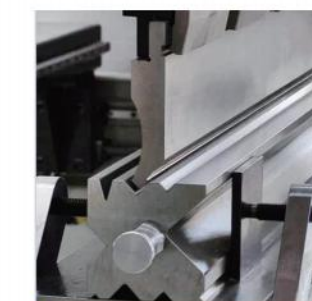
Rexroth Valves



Ball screw
linear guide



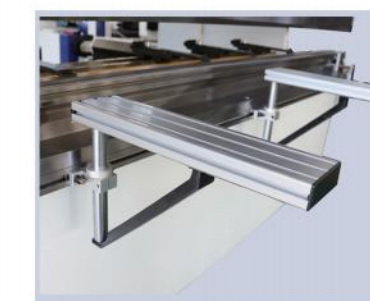
Schneider electrical
accessories



blade and Multi V die



Quick change clamps

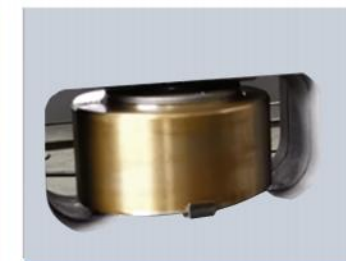


Front supports

/OPTIONAL PARTS



Mechanical
compensation



Hydraulic Compensation



Lubrication
system



Manual
Compensation



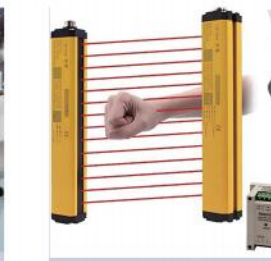
Italy DSP
Laser Protection



Down dies in
sections



Cooling fan



light curtain
protection

Electro-hydraulic synchronize press brakes:

Model	Bending force	Bending Length	Oil Tank	Approaching Speed	Ram Speed	Return Speed	X axis Stroke	X axis Sped	R axis Stroke	R axis Speed	Column Distance	Throat Depth	Stroke	Daylight	Main motor	Weight	Dimension
Unit	Kn	mm	L	mm/s	mm/s	mm/s	mm	mm/s	mm	mm/s	mm	mm	mm	mm	Kw	Ton	LxWxH mm
50/1300	500	1300	170	160	13	160	500	350	200	200	1120	250	150	460	5.5	4	1800x1500x2300
50/2000	500	2000	170	160	13	160	500	350	200	200	1600	250	150	460	5.5	4.3	2600x1500x2300
70/1600	700	1600	170	220	13	160	500	350	200	200	1300	300	150	460	5.5	5.1	1800x1600x2500
70/2500	700	2500	170	220	13	160	500	350	200	200	2050	300	150	460	5.5	5.6	3100x1600x2500
70/3200	700	3200	170	220	13	160	500	350	200	200	2700	300	150	460	5.5	6.6	3700x1600x2500
80/2500	800	2500	170	220	12	145	500	350	200	200	2050	300	200	460	7.5	6	3100x1600x2600
110/2500	1100	2500	170	220	12	160	500	350	200	200	2050	400	200	480	7.5	7	3100x1800x2600
110/3200	1100	3200	170	220	12	160	500	350	200	200	2700	400	200	480	7.5	7.6	3800x1800x2600
110/4000	1100	4000	170	220	12	160	500	350	200	200	3100	400	200	480	7.5	8.8	4600x1750x2500
110/4100	1100	4100	170	220	12	160	500	350	200	200	3600	400	200	480	7.5	9	4700x1800x2700
135/3200	1350	3200	170	220	10	145	500	350	200	200	2700	400	200	480	7.5	9	3800x1800x2700
135/4000	1350	4000	170	220	10	160	500	350	200	200	3100	400	200	480	7.5	9.4	4600x1800x2700
135/4100	1350	4100	170	220	10	160	500	350	200	200	3600	400	200	480	7.5	9.6	4700x1800x2700
170/2500	1700	2500	300	160	10	160	500	350	200	200	2050	450	200	480	11	10.4	3100x2000x2800
170/3200	1700	3200	300	160	10	160	500	350	200	200	2700	450	200	480	11	11.3	3800x2000x2800
170/4000	1700	4000	300	160	10	130	500	350	200	200	3100	450	200	480	11	12.3	4600x2000x2800
170/4100	1700	4100	300	160	10	130	500	350	200	200	3600	450	200	480	11	12.5	4700x2000x2800
220/2500	2200	2500	300	160	9	130	500	350	200	200	2050	450	200	480	15	12	3100x2200x2850
220/3200	2200	3200	300	160	9	100	500	350	200	200	2600	450	200	480	15	12.8	3800x2200x2850
220/4000	2200	4000	300	160	9	100	500	350	200	200	3100	450	200	480	15	14	4600x2200x2850
220/5000	2200	5000	300	100	9	100	500	350	200	200	4000	450	250	480	15	19	4600x2200x2850
250/2500	2500	2500	460	100	8.5	100	500	350	200	200	2000	450	250	540	18.5	15.5	3100x2000x2900
250/3200	2500	3200	460	100	8.5	105	500	350	200	200	2600	450	250	540	18.5	16.1	3500x2000x2900
250/4000	2500	4000	460	100	8.5	105	500	350	200	200	3100	450	250	540	18.5	17.8	4300x2100x3100
250/5000	2500	5000	460	100	8.5	105	500	350	200	200	3800	450	250	540	18.5	23.3	5300x2150x3150
250/6000	2500	6000	460	100	8.5	105	500	350	200	200	4800	450	250	540	18.5	25	6300x2150x3150
300/3200	3000	3200	650	80	8.5	100	500	350	200	200	2600	450	250	570	22	18.8	3500x2250x3200
300/4000	3000	4000	650	80	8.5	100	500	350	200	200	3100	450	250	570	22	20.3	4300x2500x3400
300/5000	3000	5000	650	80	8.5	100	500	350	200	200	3800	500	250	570	22	27	5300x2500x3400
300/6000	3000	6000	650	80	8.5	100	500	350	200	200	4800	500	300	570	22	30.4	6300x2500x3400
400/3200	4000	3200	760	80	8	100	980	220	200	40	2400	500	300	610	30	22.8	3500x2700x3500
400/4000	4000	4000	766	80	8	110	980	200	200	40	3100	500	300	610	30	28.3	4300x2700x3500
400/5000	4000	5000	760	80	8	110	980	200	200	40	3800	500	300	610	30	31.2	5300x2700x3500
400/6000	4000	6000	760	80	8	110	980	200	200	40	4800	500	300	610	30	37.4	6300x2700x3500
400/8000	4000	8000	766	80	8	110	980	200	200	40	6400	500	300	610	30	52.8	6300x2700x3500
500/4000	5000	4000	760	80	8.5	80	980	220	200	40	3100	500	300	610	37	35	4300x2700x3500
500/5000	5000	5000	760	80	8.5	80	980	200	200	40	3800	500	300	610	37	39.8	5300x2700x3500
500/6000	5000	6000	766	80	8.5	80	980	200	200	40	4800	500	320	610	37	45.8	6300x2700x3600
600/3200	6000	3200	1050	80	8.5	80	980	200	200	40	2300	600	320	650	45	45	4300x3300x3900
600/4000	6000	4000	1050	80	8.5	80	980	200	200	40	3100	600	320	650	45	45.8	4300x3300x3900
600/5000	6000	5000	1050	80	8.5	90	980	200	200	40	3800	600	320	650	45	50.3	5300x3300x3900
600/6000	6000	6000	1050	80	8.5	90	980	200	200	40	4800	600	320	650	45	56.8	6300x3300x3900
600/7000	6000	6000	1050	80	8.5	90	980	200	200	40	5600	600	320	650	45	66.8	7300x3300x3900
700/6000	7000	7000	1050	80	8	85	980	200	200	40	4900	600	320	700	55	66.8	6300x3500x4000
800/6000	8000	8000	1800	80	8	85	980	220	200	40	4600	600	320	800	30*2	76.8	6300x3500x4000
800/7000	8000	8000	1800	80	8	85	980	200	200	40	5600	600	320	800	30*2	88	7300x3500x4200
800/8000	8000	8000	1800	80	8	90	980	200	200	40	6600	600	320	800	30*2	96	8300x3600x4500
800/10000	8000	10000	1800	80	8	90	980	200	200	40	7800	600	320	800	30*2	120	10500x3600x4900

Torsion bar synchronized press brakes:

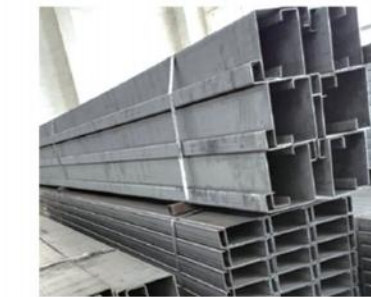
Model	Bending force	Bending Length	Oil Tank	Approaching Speed	Ram Speed	Return Speed	Column Speed	Throat Depth	Stroke	Daylight	Main Motor	Weight	Dimension
Unit	Kn	mm	L	mm/s	mm/s	mm/s	mm	mm	mm	mm	Kw	Ton	LxWxH mm
30/1600	300	1600	80	120	17	160	1300	200	80	320	4	2.3	1650x1200x1700
40/1600	400	1600	100	140	17	160	1200	200	100	320	4	2.5	2000x1200x1700
40/2500	400	2500	170	110	15	90	2030	250	100	340	4	3.5	2500x1200x1900
63/2500	630	2500	170	100	10	70	2050	250	120	340	5.5	4.5	2500x1350x2100
63/3200	630	3200	170	120	10	70	2510	250	120	340	5.5	5	3200x1350x2100
80/2500	800	2500	170	110	10	80	2050	250	120	350	5.5	6	2500x1400x2150
80/3200	800	3200	170	130	10	80	2600	250	120	350	5.5	6.2	3200x1400x2150
100/2500	1000	2500	260	90	7.5	70	2050	320	160	420	7.5	6.5	2500x1500x2200
100/3200	1000	3200	260	100	7.5	70	2600	320	160	420	7.5	7	3200x1500x2300
100/4000	1000	4000	260	120	7.5	70	3200	320	160	420	7.5	8.5	4000x1750x2500
125/3200	1250	3200	260	95	7	65	2600	320	160	420	7.5	7.5	3200x1600x2350
125/4000	1250	4000	260	110	7	65	3200	320	160	420	7.5	9.5	4000x1600x2450
125/5000	1250	5000	260	120	7	65	3800	320	160	420	7.5	9	5000x1600x2450
125/6000	1250	6000	260	130	7	65	4600	320	160	420	7.5	11	6000x1600x2450
160/2500	1600	2500	260	100	10	100	2050	350	200	470	11	12	2500x1650x2700
160/3200	1600	3200	260	110	10	100	2600	350	200	470	11	14.5	3200x1650x2800
160/4000	1600	4000	260	120	10	100	3200	350	200	470	11	19.5	4000x1650x2800
160/5000	1600	5000	260	130	10	100	3800	350	200	470	11	13.5	5000x1750x3100
160/6000	1600	6000	260	140	10	100	4600	350	200	470	11	11.5	6000x1750x3300
200/3200	2000	3200	435	110	10	100	2600	350	200	470	15	15	3200x1650x2800
200/4000	2000	4000	435	120	10	100	3200	350	200	470	15	12.5	4000x1650x2800
200/5000	2000	5000	435	120	7	80	3800	350	250	540	15	19	5000x1950x3100
200/6000	2000	6000	435	120	7	80	4700	350	250	540	15	21	6000x1950x3100
250/3200	2500	3200	435	90	9	100	2600	400	250	580	18.5	17	3300x2100x3150
250/4000	2500	4000	435	100	9	100	3200	400	250	580	18.5	20	4000x2100x3150
250/5000	2500	5000	435	110	8	100	3800	400	250	580	18.5	23	5000x2100x3200
250/6000	2500	6000	540	120	8	100	4700	400	250	580	18.5	23.5	6000x2100x3200
300/3200	3000	3200	540	90	8	75	2600	400	250	580	18.5	21	3200x2200x3200
300/4000	3000	4000	540	100	8	75	3200	400	250	580	18.5	23	4000x2200x3200
300/5000	3000	5000	550	110	8	75	3800	400	250	580	18.5	25	5000x2200x3200
300/6000	3000	6000	560	130	8	75	4700	400	250	580	18.5	27.5	6000x2200x3200
400/4000	4000	4000	540	70	7	60	3200	400	250	580	22	26	4000x2400x3200
400/5000	4000	5000	550	90	7	60	3800	400	250	580	22	32	5000x2400x3200
400/6000	4000	6000	550	100	7	60	4700	400	250	580	22	35	6000x2400x3200
500/4000	5000	4000	620	70	6	55	3100	500	320	620	30	33	4000x2650x3200
500/5000	5000	5000	620	90	6	55	3800	500	320	620	30	37.5	5000x2650x3200
500/6000	5000	6000	620	120	6	55	4410	500	320	620	30	43.5	6000x2700x3200
500/7000	5000	7000	620	130	6	55	5400	500	320	620	30	55	7000x2700x3200
600/4000	6000	4000	650	80	6	65	3100	500	320	620	37	45	4000x2700x3200
600/5000	6000	5000	650	90	6	65	3800	500	320	620	37	48	5000x2700x3250
600/6000	6000	6000	650	110	6	65	4600	500	320	620	37	55	6000x2700x3300
600/7000	6000	7000	650	120	6	65	5400	500	320	620	37	62	7000x2900x3500



Tandem press brake

Performance:

- Use two or more oil cylinders Providing duplex linked or multiplex synchronous device.
- Tandem press brake produce unusually long workpiece.
- Especially suitable for city building ,evpressway lamp poles, automobile beams and so on.
- Tandem press brake can be used alone, in order to raise production efficiency.
- We can design and produce for special order.



Large Press brake

CNC Press Brake Controller



Delem DA-53T

- "shortcut" touch navigation
- 10.1 "high resolution true-color TFT display
- maximum 4 axis control (Y1, Y2+2 auxiliary axes) deflection compensation control
- support servo or variable frequency control
- advanced Y-axis control algorithm, can control both closed – loop valve and open – loop valve. Network double machine linkage (optional)
- USB peripheral interface



Delem DA-58T

- 15" high resolution TFT true color display
- Bending process calculation, disturbance compensation control
- The advanced Y-axis control algorithm can control the closed-loop valve.
- Can also control the ring valve.
- USB port, USB flash drive.USB data storageStorage and recovery DA58T provides 2D touch graphic programming
- Includes automatic calculation of bending process and collision detection.



Delem DA-66T

- 15" high resolution TFT true color display
- Bending process calculation, disturbance compensation control
- The advanced Y-axis control algorithm can control the closed-loop valve.
- Can also control the ring valve.
- USB port, USB flash drive.USB data storageStorage and recovery DA58T provides 2D touch graphic programming
- Includes automatic calculation of bending process and collision detection.



Delem DA-69T

- Colour LCD display, 17" TFT, high brightness, 1280x1024pixels, 16 bit colour.
- Full touch screen control (IR-touch).
- Bend sequence calculation, Crowning control.
- Emergency switch, USB flash memory drive.
- The DA-66T offers 2D programming that includes automatic bend sequence calculation and collision detection. Full 3D machine set-up with multiple tool stations giving true feedback on the product feasibility and handling.



CybTouch ct 8

- large screen, high definition and contrast touch screen system.
- convenient interface, clear display and large icon keys.
- EasyBend pages are easy to bend.
- perfect programming can improve the efficiency of batch multi-step bending.
- online help and pop-up prompts make the software interface very friendly.
- support multiple languages.
- use PC or laptop to upgrade and transmit data through wireless software.



CybTouch ct 12

CybTouch 12 PS CNC system
CybTouch 12 PS system for our foldBending machine provides a simple and direct application: when operationAuthor A is doing bending work while the other oneOperator B wants operator A to pause whenBefore the bending work, help it to carry out a simpleSingle bending process. In this case, operator A onlyNeed to switch the page into easy bending page, helpAfter help B completes the bending, you can return to the original bending pageFace, continue the bending.



CybTouch ct 15

- CT12' color LCD display, touch screen, icon recognition function;
- 'EasyBend' page for easy single fold domingWork;
- Fully efficient folding dome programming to meet the needs of mass production and processing;
- Automatic calculation of bending Angle main factory Yumen and deflection compensation;



Touch ct 16

16-inch displayMaximum supports 8 axes
Support servo or variable frequency control
Advance Y axis control algorithm USB Peripheral interfaceSupport remote assistance



ESA S860

The steps from the start of programming to the desired program including its transfer to the control are clearly embedded in the user interface. Programming the product graphically shows a true scale representation of the intended product. Realistic product visualisation gives feedback on feasibility, collisions, required tools and tool adapters for production.

NC Press Brake Controller



ESTUN E-21

- High rear gear and block control
- Control common motor or frequency converter
- Intelligent positioning
- Job count
- Pressure protection unloading time setting
- 40 program storage, each program 25 steps Single-side positioning
- Surrender function



ESTUN E-22

- Cylinder stroke (Y axis) control
- Back gauge (X axis) control
- Aangle programming
- Tool programming
- Retract function
- Up to 220 programs
- Servo control
- up to 24 bends per program



ESTUN E-310P

- High rear gear and block control
- Control common motor or frequency converter
- Intelligent positioning
- Job count
- Pressure protection unloading time setting
- 40 program storage, each program 25 steps Single-side positioning
- Surrender function



Delem DA-41T

- High Definition LCD display
- slider stop position control
- rear stop control
- angle programming
- mold parameter setting
- material escape control function
- 100 procedures
- each procedure has 25 steps
- panel installation



TP10S

- Cylinder stroke (Y axis) control
- Back gauge (X axis) control
- Aangle programming
- Tool programming
- Retract function6. Up to 220 programs
- Servo control
- up to 24 bends per program

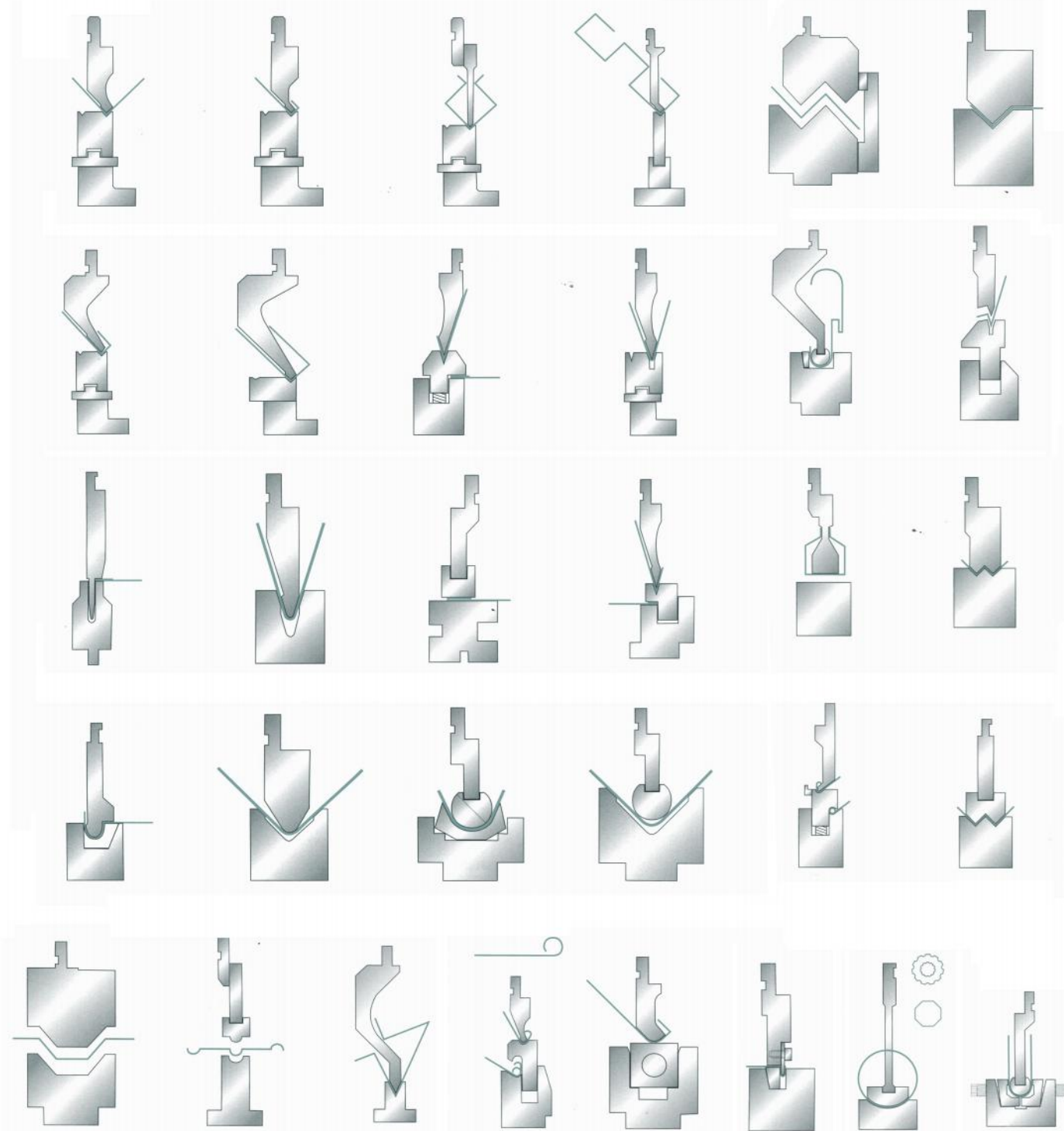


CybTouch ct 8

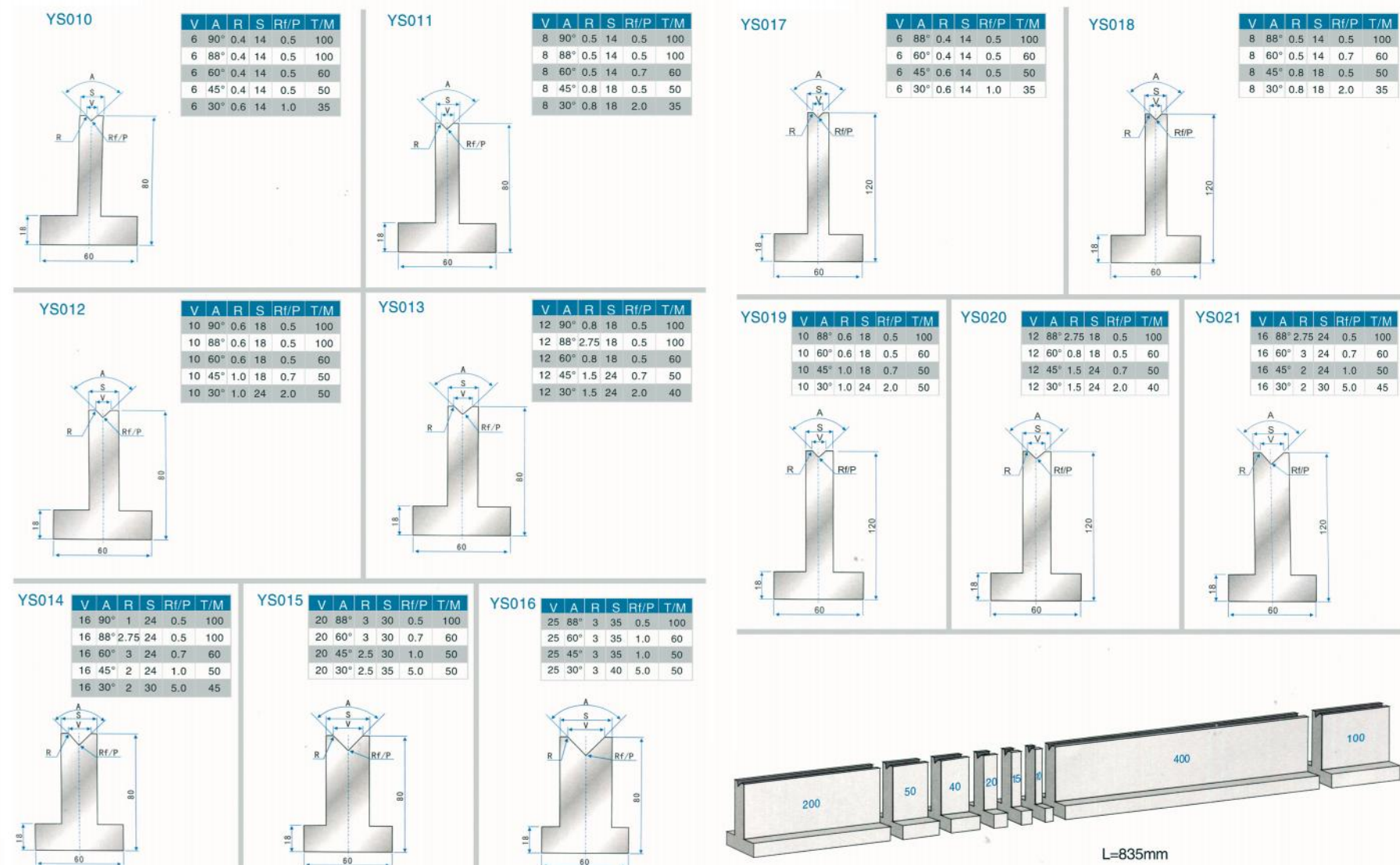
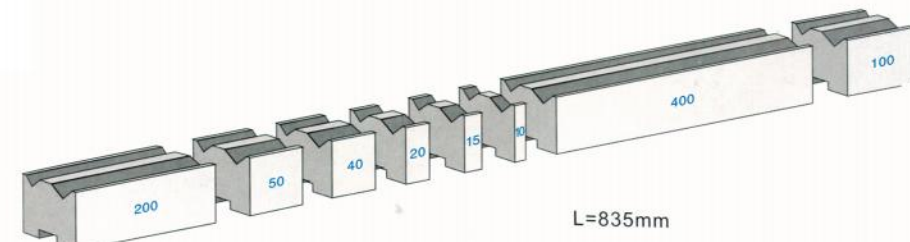
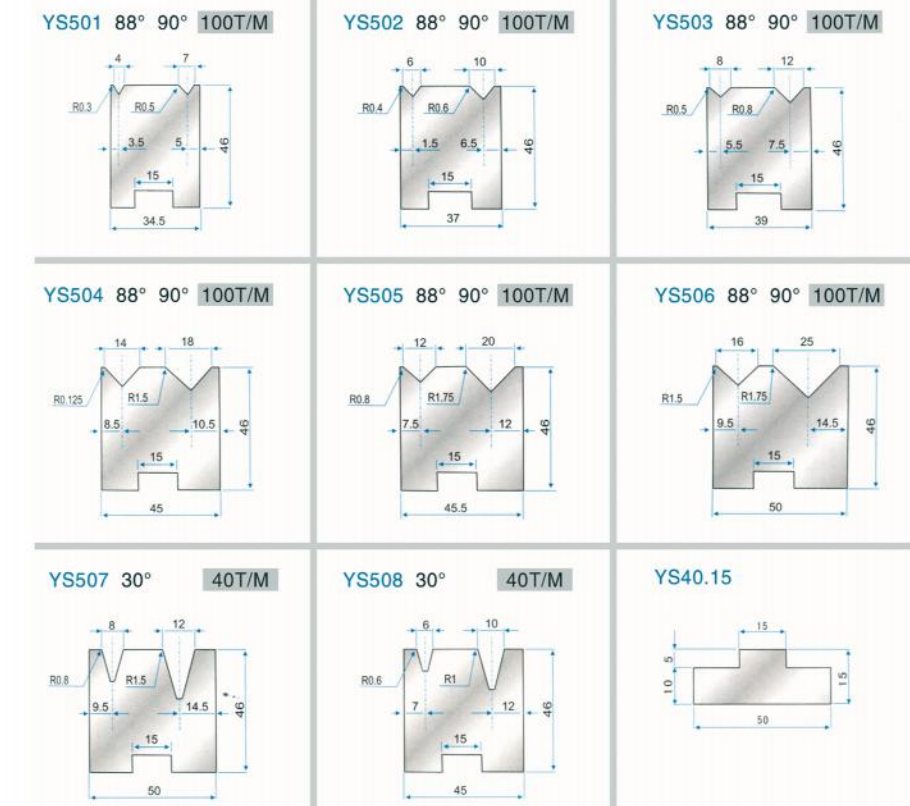
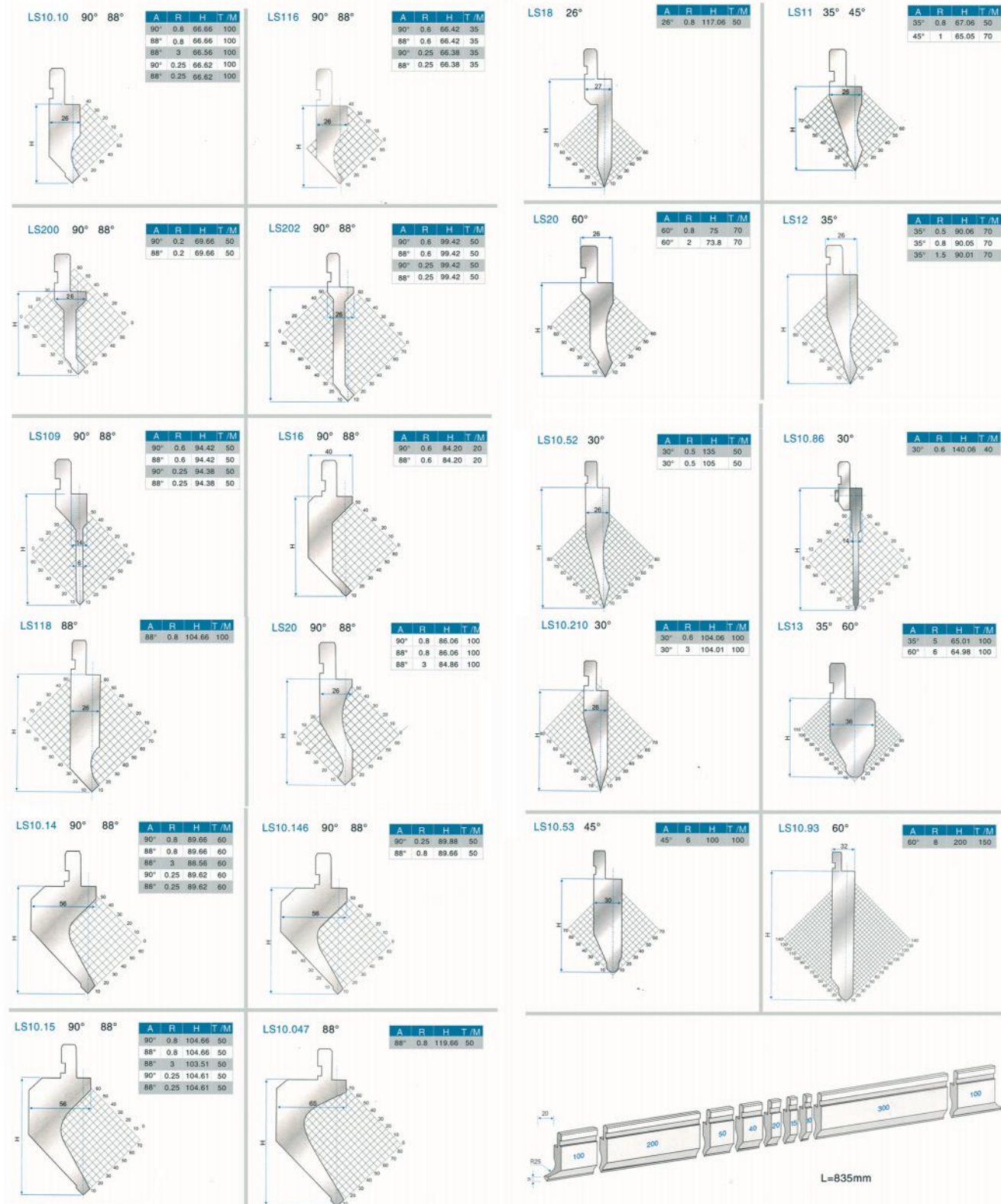
- Large display screen for easy operation large icon keys.
- EasyBend pages are easy to bend.
- perfect programming can improve the efficiency of batch multi-step bending.
- Graphical programming capabilities Graphical display of bending steps.
- support multiple languages.
- use PC or laptop to upgrade and transmit data through wireless software.



Bending dis sketch



Die catalogue for press brake:



YG01

YG02

YG03

YG04

YG05

YG06

YG07

YG08

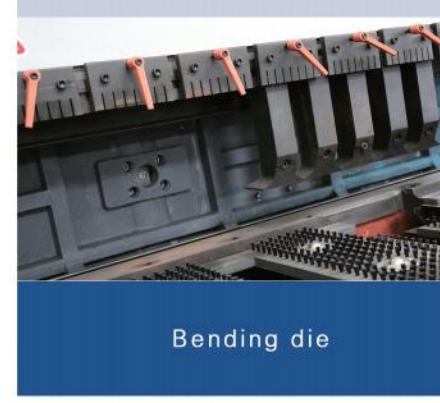
YG09



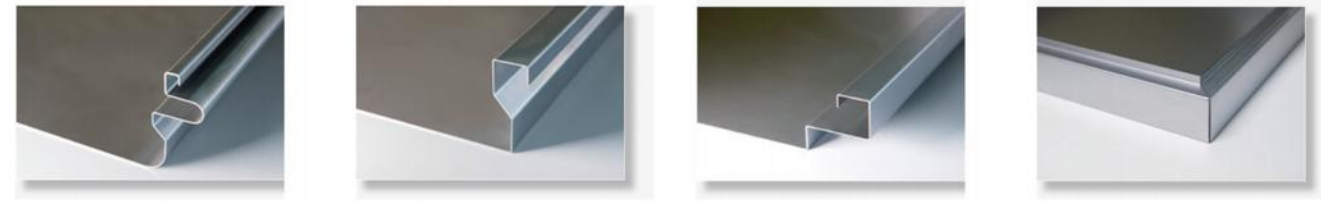
Metal sheet panel bender

Performance:

- The main function is to realize the automatic bending of edges. A plate can be folded into four sides or even more;
- The main function is to realize the automatic bending of edges. A plate can be folded into four sides or even more;
- The NC positioning device is used for automatic positioning, and themultilateral bending is completed at one time, which shortens the bending timeThe bending cycle time controls the shearing error of the plate to the first bending edge;
- The mechanical stop block further ensures the accuracy of each The NC positioning device is used for automatic positioning, and themultilateral bending is completed at one time, which shortens the bending timeThe bending cycle time controls the shearing error of the plate to the first bending edge;
- The mechanical stop block furtheren sures the accuracy of each



/PROCESSING EXAMPLE:



Model	Bending length	Plate length	Plate width	Bending height	Mainmum molding size of four sides	Mainmum foming size of four sides	Mainmum atc radius	TDistance between upper	Bending angle	Mainmum atc radius	Max.thickness	Number of axes	Dimension LxWxH	Machine weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	of material		mm	kg
JGC-1000	1000	1100	1000	175/320	320x200	200	1.2	180	0-180°	1.2	Aluimum plate : 2.0 Carbon steel plate : 1.5 Stainless steel : 1.2	Standard configuration 7shaft、8/9 selectable	2900x1390x2600	7500
JGC-1400	1400	1500	1250	175/320	320x200	200	1.2	180	0-180°	1.2		Standard configuration 10shaft、11/12selectable	3370x1890x2650	8500
JGC-2000	2000	2100	1250	175/320	320x200	200	1.2	180	0-180°	1.2		Standard configuration11shaft、13/15selectable	4480x2390x2700	9500
JGC-2500	2500	2600	1250	175/320	320x200	200	1.2	180	0-180°	1.2		Standard configuration 11shaft、13/15selectable	5280x2900x2700	22000

Note: specific parameters and specifications can be discussed in detail. No further notice will be given if there is any change in this parameter



Hydraulic Pan brakes

PERFORMANCE :

1. Hydraulic clamp and unclamp from foot switch, this allows one man to operate machine and hold material in both hands; Clamping is limited to 10mm increments for safety. Unclamp from foot switch.
2. Rapid head adjustment allows easy change different size material, by moving the handles, Adjustable to suit special jobs .
3. Fingers clamp blade are high carbon steel, Apron blade high tensile steel.
4. Electrics low 24 volts foot switch. Overload protected.
5. Clamping provided by large rams, Oil delivered to rams through steel pipes this is to minimize expansion of hydraulic hose when working at full capacity.
6. Unclamp is controlled, to allow the operator to regulate the open height
7. Bed head and apron are unique design, to provide maximum strength. To give a straight fold.
8. Automatic and manual control. In auto cycle after clamping start auto a[rpm will come up to angle set, then apron will go down and the head will unclamp to amount set by operator.
9. Electric components is.SIEMENS

/STANDARD PART



Button controller



Bending angle controller



Bending die



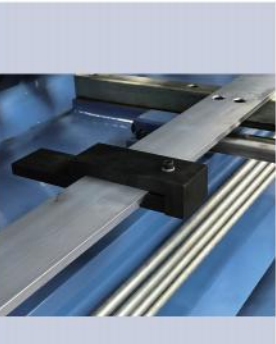
Manual back stop



Hydraulic system



Manual adjustment of back stop

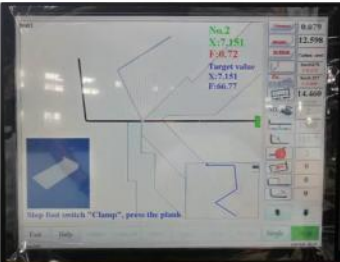


Fingers of back stop



Pedal

/OPTIONAL PART



Graphical programming controller



Photoelectric protection



CNC back stop

Machine parameters

Model	Folding thickness (mm)	Folding width (mm)	Bending angle (°)	Max open height (mm)	Mot or power Kw	Dimension (mm)	Weight (KG)
4X1320	4	1320	0-120	110	4	2700x1640x1650	1800
4X2500	4	2500	0-120	110	4	3750x1640x1650	3250
4X3200	4	3200	0-120	110	4	4450x1640x1650	4500
4X4000	4	4000	0-120	110	4	4750x1640x1650	7000
6X2000	6	2000	0-120	110	11	2950x1600x1900	3800

Laser cutting machine with single table

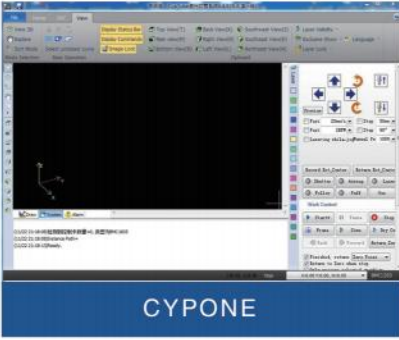
PLATE CUTTING:

Carbon steel plate、Stainless steel plate、Galvanized sheet、Electrolytic plate、silicon steel、Manganin、Aluminium alloy、Brass plate、Oxygen-free copper etc Varied Metallic materials.

EXTENSIVE USE:

Kitchen appliance、Mechanical equipment、Electrical equipment、Lighting hardware、Advertising signs、Auto parts、Display equipment、All kinds of metal products、Sheet metal processing etc industry.

/STANDARD PARTS



CYPONE



YASKAWA



RAYTOOLS



Rack



SHIMPO

/OPTIONAL PARTS



BOCI cutting head



Precitec cutting head



Max Lasersource



HIWIN



Air compressor



HANLI



Stabilier



IPG laser source



Raycus laser source

Technical parameters:

Model		JG-3015	JG-4015	JG-4020	JG-6015	JG-6020	JG-6025
Wprking Area (LxW)	mm	3000x1500	4000x1500	4000x2000	6000x1500	6000x2000	6000x2500
X-axis Stroke	mm	1505	1505	2005	1505	2005	2505
Y-axis Stroke	mm	3005	4005	4005	6005	6005	6005
Z-axis Stroke	mm	150	150	150	150	150	150
X/Y Axis Poestioning Accuracy	mm/m	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05
X/Y Axis Repeated Poestioning Accuracy	mm/m	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03
X/Y Axis Nax. Poestioning Accuracy	mm/min	120	120	120	120	120	120
X/Y Axis Nax. Accuracy	G	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0
Height Adjustment		Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking
Minimum Line width	mm	0.15	0.15	0.15	0.15	0.15	0.15
Max Loed of The Table	kg	650	650	650	750	800	800
Machine Weight	kg	2800	3500	4200	5500	6200	7000
Drive System		Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive
Software		CypCut	CypCut	CypCut	CypCut	CypCut	CypCut
Dimensions (LxWxH)	mm	4600x2250x1700	5600x2250x1700	5600x2800x1700	7500x2250x1800	7600x2800x1800	7600x3500x1800



Laser cutting machine with exchange table

PRODUCT APPEARANCE DESIGN:

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

APPLICABLE MATERIALS:

Focus on cutting carbon steel which thickness is less than 20mm, stainlesssteel galvanized sheet, electrolytic plate silicon steel and other metalmaterials which thickness are less than 10mm.

Batch processing thickness (mm)		1	2	3	4	5	6	8	10	12	14	16	18	20	22	25	30	35	40	45	50	60	70	80	90	100
1000W	carbon steele																									
	Stainless steel																									
1500W	carbon steel																									
	Stainless steel																									
2000W	carbon steel																									
	Stainless steel																									
3000W	carbon steel																									
	Stainless steel																									
6000W	carbon steel																									
	Stainless steel																									
12000W	carbon steel																									
	Stainless steel																									
20000W	carbon steel																									
	Stainless steel																									
30000W	carbon steel																									
	Stainless steel																									
Dimensions and Weight<--		Check by modek<																								

Technical parameters:

Model		JG-3015B	JG-4015B	JG-4020B	JG-6015B	JG-6020B	JG-6025B
Wprking Area (LxW)	mm	2x3000x1500	2x4000x1500	2x4000x2000	2x6000x1500	2x6000x2000	2x6000x2500
X-axis Stroke	mm	1505	1505	2005	1505	2005	2505
Y-axis Stroke	mm	3005	4005	4005	6005	6005	6005
Z-axis Stroke	mm	300	300	300	300	300	300
X/Y Axis Poestioning Accuracy	mm/m	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05
X/Y Axis Repeated Poestioning Accuracy	mm/m	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03
X/Y Axis Nax. Poestioning Accuracy	mm/min	120	120	120	120	120	120
X/Y Axis Nax. Accuracy	G	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0
Height Adjustment		Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking
Minimum Line width	mm	0.15	0.15	0.15	0.15	0.15	0.15
Max Loed of The Table	kg	600	650	750	900	1000	1100
Machine Weight	kg	7200	8500	9800	10500	11800	14500
Drive System		Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive
Software		CypCut	CypCut	CypCut	CypCut	CypCut	CypCut
Dimensions (LxWxH)	mm	7800x2300x2100	10500x2300x2100	10500x2900x2100	14500x2400x2100	14500x3050x2200	14500x3600x2200



Sheet and pipe laser cutting machine
(2 in 1 machine)

PERFORMANCE CHARACTERISTICS:

- ◆ Sheet and pipe laser cutting machine, suitable for high quality and high accuracy cutting.
- ◆ Sheet cutting area: 1500*3000mm, 1500*4000mm, 1500*5000mm, 2000*4000mm, 2000*6000mm
- ◆ Optional Pipe cutting: 6meters optional
- ◆ Pipes Diameter: less than 230mm
- ◆ Square pipe less than 160*160mm

APPLICABLE INDUSTRIES:

Integrated design of the plate tube, Badaptability haas expanded enormously in theindustry, including oil pipe material, fitness equipment and pipe ot mechanical processing, automobile manufacturing, chassis cabinets and other sheet maching and so on.

/Processing sample



Technical parameters:

Model		JG-3015/230	JG-4015/230	JG-4020/230	JG-6015/230	JG-6020/230	JG-6025/230
Wprking Area (LxW)	mm	3000x1500	4000x1500	4000x2000	6000x1500	6000x2000	6000x2500
Pipe Diameter	mm	20-230	20-230	20-230	20-230	20-230	20-230
Pipe Length	mm	6000	6000	6000	6000	6000	6000
X-axis Stroke	mm	1505	1505	2005	1505	2005	2505
Y-axis Stroke	mm	3005	4005	4005	6005	6005	6005
Z-axis Stroke	mm	300	300	300	300	300	300
X/Y Axis Poestioning Accuracy	mm/m	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05	± 0.05
X/Y Axis Repeated Poestioning Accuracy	mm/m	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03	± 0.03
X/Y Axis Nax. Poestioning Accuracy	mm/min	120	120	120	120	120	120
X/Y Axis Nax. Accuracy	G	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0	1.02.0
Height Adjustment		Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking	Pianar Tracking
Minimum Line width	mm	0.15	0.15	0.15	0.15	0.15	0.15
Max Loed of The Table	kg	600	650	650	780	800	850
Machine Weight	kg	5300	6400	6400	7600	8000	8200
Drive System	mm	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive	Gantiy Double Dive
Software		CypCut	CypCut	CypCut	CypCut	CypCut	CypCut
Dimensions (LxWxH)	mm	8500x3500x1800	10500x3500x1800	10500x4000x1800	12500x3500x1800	12500x4000x1800	12500x4500x1800

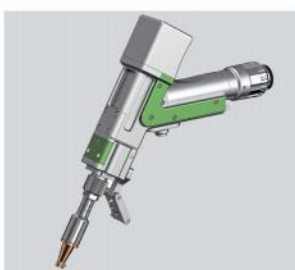


Handheld laser welding machine

PERFORMANCE CHARACTERISTICS:

Handheld laser welding machine, replace previously fixed optical path with handheld welding gun, welding in hand, convenient, flexible welding distance is not subject to constraints; Equipped with professional welding software, mainly for distances and master pieces of laser welding: Small heat affected zone deformation, black; Welding depth is big, strong: Meet the demand of various types of sheet metal welding No external cold water machine, equipment is small in size Convenient operation and outdoor welding can be realized.Good beam quality, the high speed, small thermal deformation, high precision, highly integrated Handheld welding gun can achieve arbitrary Angle welding workpiece, applicable to complex welding and spot welding of various kinds of devices Weld beautiful, smooth, without air hole, without treatment after welding or to be brief.

/STANDARD PARTS



Technical parameters:

Laser Power	1500w	2000w	3000w
Laser Type	Fiber Lase		
Cooling Method	Water Cooling		
Total Power	7.7kw	9.5kw	14kw
Fiber Cable Length	5m		
Electricity Requirements	Single Phase 220v+10% 50/60HZ AC		
Welding Mode	Dot/Circle/Line/Curve 8		
Filler wire diameter	0.8/1.0/1.2/1.6mm		
Welding Penetration	4mm	5mm	6mm
Working Temperature	10° C-40° C		
Dimension	1000X650X1000mm LxWxH		
Machine weight	250KG		

/OPTIONAL PARTS

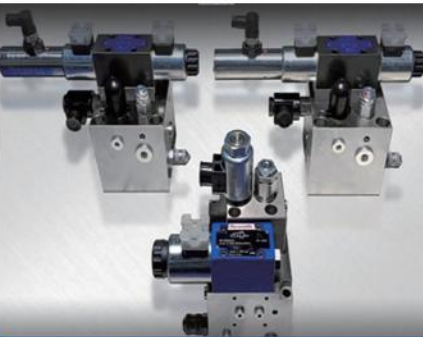


Hydraulic guillotine shear

PERFORMANCE CHARACTERISTICS:

- The all-steel welded structure of the second generation of hydraulic shear adopts heat treatment to eliminate internal stress, and has good rigidity and stability. Advanced integrated hydraulic system, good reliability.
- Three-point support rolling guide, to eliminate bearing clearance, and improve shearing quality.
- Blade clearances are adjusted by motor, rapid, accurate and convenient.
- Rectangular blades; all four cutting edges are usable; long life.
- Adjustable shearing angles, to reduce deformation of plates.
- Upper tool rest adopts the introversion structure, to facilitate blanking, and improve the accuracy of the workpiece.
- Sectional shearing function, and light alignment function.
- Mechanical rear stoppers, digital display.
- Back carrier (or choose other configurations).

/Standard configuration:



Rexroth Hydraulic System



Motorized Blade Clearance Adjustment

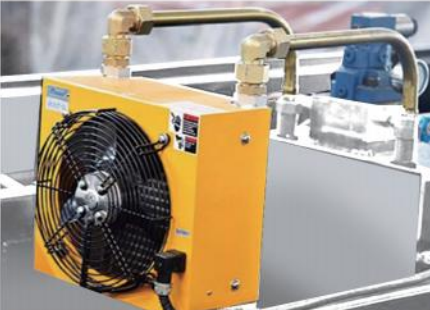


Ball Screw

/Optional parts



Anti-twist



Cooling System



Laser Light Alignment



DAC360T (Optional)

Feeding system



E21S controller



DAC360T (Optional)

Technical parameter:

Model	Shearing Thickness (mm)	Shearing Width (mm)	Strokes (times/mm)	Back gauge Range (mm)	Rake angle (°)	Throat Depth (mm)	Main Motor (KW)	Weight (KG)	Overall Dimensions LXWXH(mm)
6X2500	6	2500	10-25	20-600	0.5-2	120	7.5	5000	3270X1580X2040
6X3200	6	3200	10-22	20-600	0.5-2	120	7.5	6400	3820X1580X2080
6X4000	6	4000	10-20	20-600	0.5-2	120	7.5	8500	4620X1630X2160
6X5000	6	5000	8-15	20-800	0.5-2	120	7.5	13000	5530X2075X2180
6X6000	6	6000	8-12	20-800	0.5-2	120	11	17000	6520X2080X2520
8X2500	8	2500	10-25	20-600	0.5-2	120	11	5500	3270X1580X2040
8X3200	8	3200	10-22	20-600	0.5-2	120	11	6500	3820X1580X2080
8X4000	6	4000	10-18	20-600	0.5-2	120	11	10000	4620X1630X2160
10X3200	10	3200	10-20	20-600	0.5-2	130	15	8500	3820X1680X2200
10X4000	10	4000	10-16	20-600	0.5-2	130	15	10800	4620X1680X2200
12X2500	12	2500	8-15	20-800	0.5-2.5	130	18.5	8500	3280X1650X2180
12X3200	12	3200	8-13	20-800	0.5-2.5	130	18.5	11000	3880X1850X2350
12X4000	12	4000	6-12	20-800	0.5-2.5	130	18.5	14000	4720X1960X2550
12X6000	12	6000	6-10	20-800	0.5-2.5	130	30	28000	6850X2280X2680
16X2500	16	2500	8-15	20-800	0.5-2.5	130	22	11000	3280X1980X2280
16X3200	16	3200	8-13	20-800	0.5-2.5	130	22	12600	3880X1980X2450
16X4000	16	4000	6-12	20-800	0.5-2.5	130	22	15500	4720X1980X2550
16X6000	16	6000	6-10	20-1000	0.5-2.5	130	37	32800	6850X2280X2780
20X2500	20	2500	8-14	20-800	0.5-3	150	30	14000	3380X2200X2780
20X3200	20	3200	8-12	20-800	0.5-3	150	30	17500	3880X2200X2780
20X6000	20	6000	6-8	20-1000	0.5-3	130	37	38000	6850X2400X2800
25X2500	25	2500	6-12	20-800	0.5-3	150	37	18000	3380X2200X2780
25X3200	25	3200	6-10	20-800	0.5-3	150	37	22000	3880X2200X2780

Description and specifications given in this catalogue are subject to modification without notice.



Hydraulic Swing Beam Shear

PERFORMANCE CHARACTERISTICS:

- hydraulic transmission, pendulum-type tool holder. The overall welding of the frame is hard and durable, and the use of a nitrogen cylinder returns smoothly and rapidly.
- It has the function of stepless adjustment stroke. The amount of upper and lower blade edge clearance is adjusted by the handle, and the gap of the blade is even and rapid.
- NC control system and position encoder, inverter, closed-loop control system, speed, high positioning accuracy, good stability, can accurately ensure the accuracy of the back gauge displacement size, while the CNC system has precision compensation and automatic detection A variety of additional features.



ESTUN E21 NC Controls



DAC310 CNC System

/Standard configuration:



Blade gap adjustment



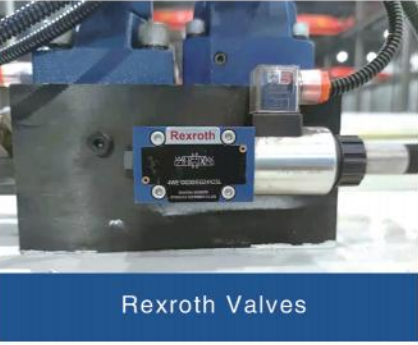
Electric Schneider



Hold down cylinders



Backgauge



Rexroth Valves

/Optional parts:



Sheet Support



Light Curtain protector

Technical parameter:

Model	Shearing Thickness (mm)	Shearing Width (mm)	Strokes (times/mm)	Back gauge Range (mm)	Rake angle (°)	Main Motor (KW)	Weight (KG)	Overall Dimensions LXWXH(mm)
4X2500	4	2500	18	20-600	1° 30'	5.5	3500	3150X1460X1520
4X3200	4	3200	14	20-600	1° 30'	5.5	5000	3820X1720X1620
4X4000	4	4000	10	20-600	1° 30'	5.5	7500	4620X1850X1720
6X2500	6	2500	18	20-600	1° 30'	7.5	5000	3150X1540X1570
6X3200	6	3200	14	20-600	1° 30'	7.5	6100	3820X1660X1620
6X4000	6	4000	10	20-600	1° 30'	7.5	8500	4630X1880X1750
6X6000	6	4000	8	20-800	1° 30'	11	17800	6750X2500X2090
8X2500	8	2500	15	20-600	1° 30'	11	6500	3150X1540X1570
8X3200	8	3200	11	20-600	1° 30'	11	7600	3820X1660X1620
8X4000	8	4000	8	20-600	1° 30'	11	9300	4630X1880X1750
10X2500	10	2500	14	20-600	1° 45'	15	8500	3250X1980X1890
10X3200	10	3200	10	20-800	1° 45'	15	9800	3900X1980X1890
10X4000	10	4000	7	20-800	1° 45'	15	13500	4700X2150X1950
12X2500	12	2500	11	20-800	2°	18.5	10000	3260X2080X1950
12X3200	12	3200	9	20-800	2°	18.5	11000	3940X2080X1950
12X4000	12	4000	6	20-800	2°	18.5	14000	4720X2200X2050
16X2500	16	2500	9	20-800	2°	18.5	11000	3280X2280X2050
16X3200	16	3200	7	20-800	2°	18.5	13000	3940X2450X2050
16X4000	16	4000	5	20-800	2°	18.5	15500	4750X2450X2050

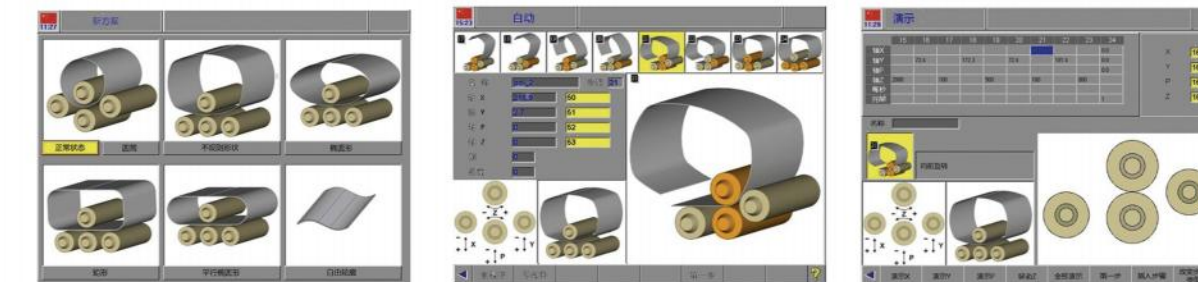
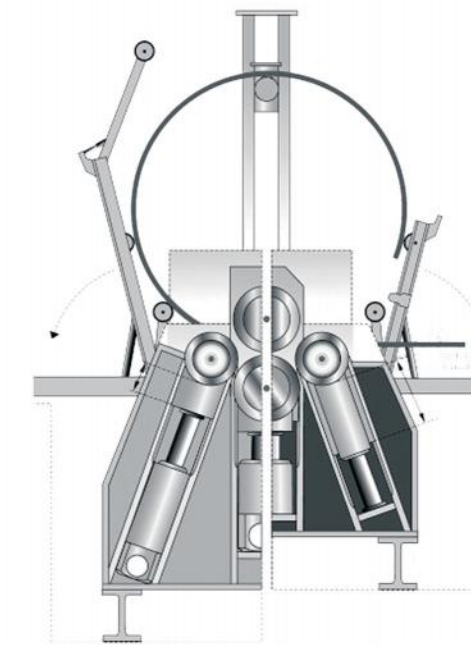
Description and specifications given in this catalogue are subject to modification without notice.



CNC Bending machine with 4 rollers

PERFORMANCE CHARACTERISTICS:

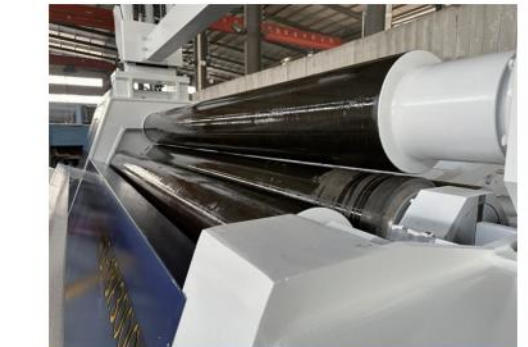
The machine adopts the four-roller structure with the upper roller as the main drive, Both upward and downward movement. Through hydraulic motors powered. The lower roller makes vertical movements and imposes a force on the piston through the hydraulic oil in the hydraulic cylinder so as to clamp the plate tight. Side rollers are arranged on the two sides of the sides of the lower roller, and make inclining movement along the guide rail, and provide drive through the screw, the nut, the worm and the leadscrew. The advantage of the machine is that the preliminary bending and rolling of the top ends of the plates can be conducted on the same machine.



/PROCESSING EXAMPL:



PLC Control with Touch Screen

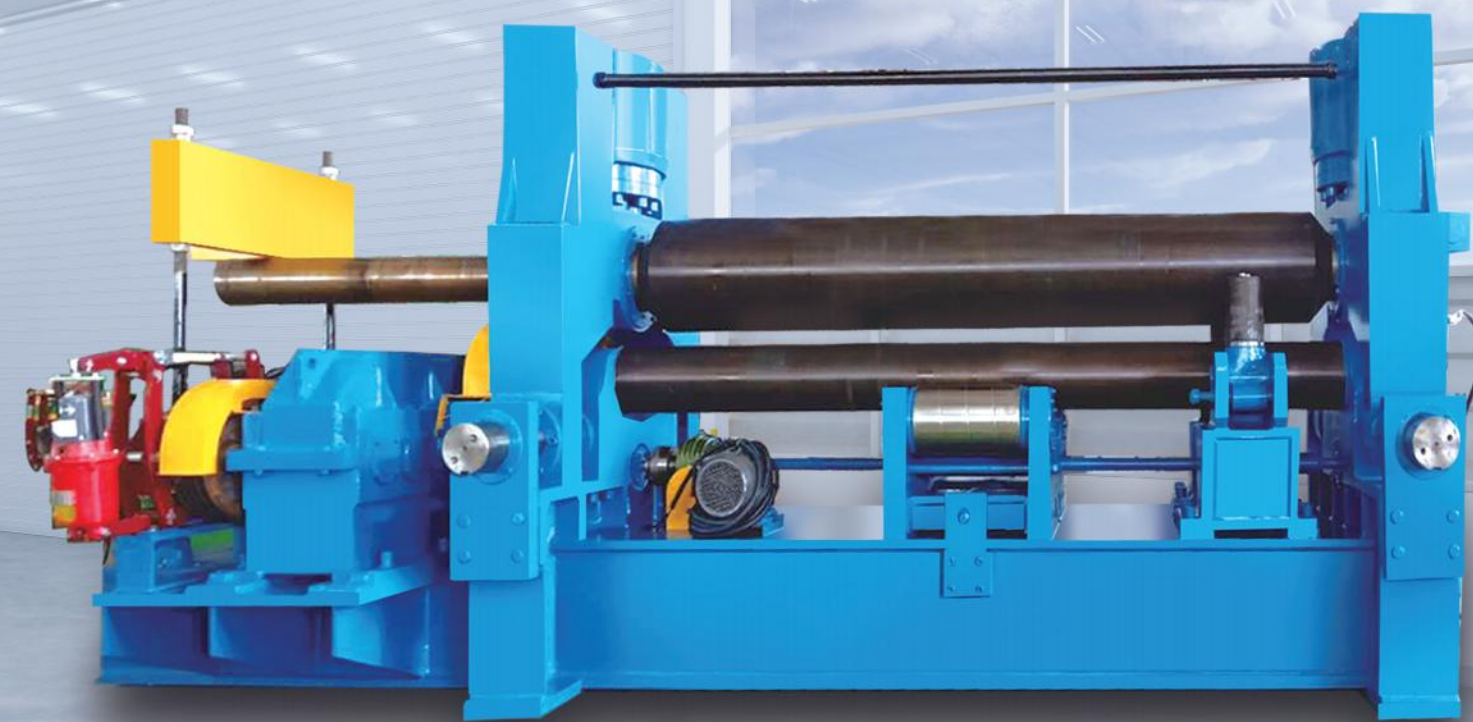


42CrMo Alloy Steel Work Roller



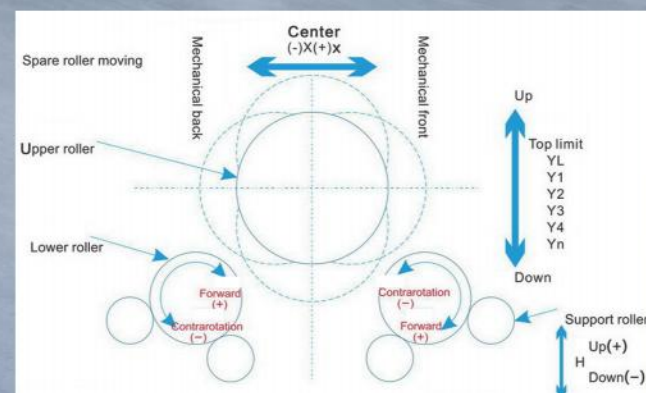
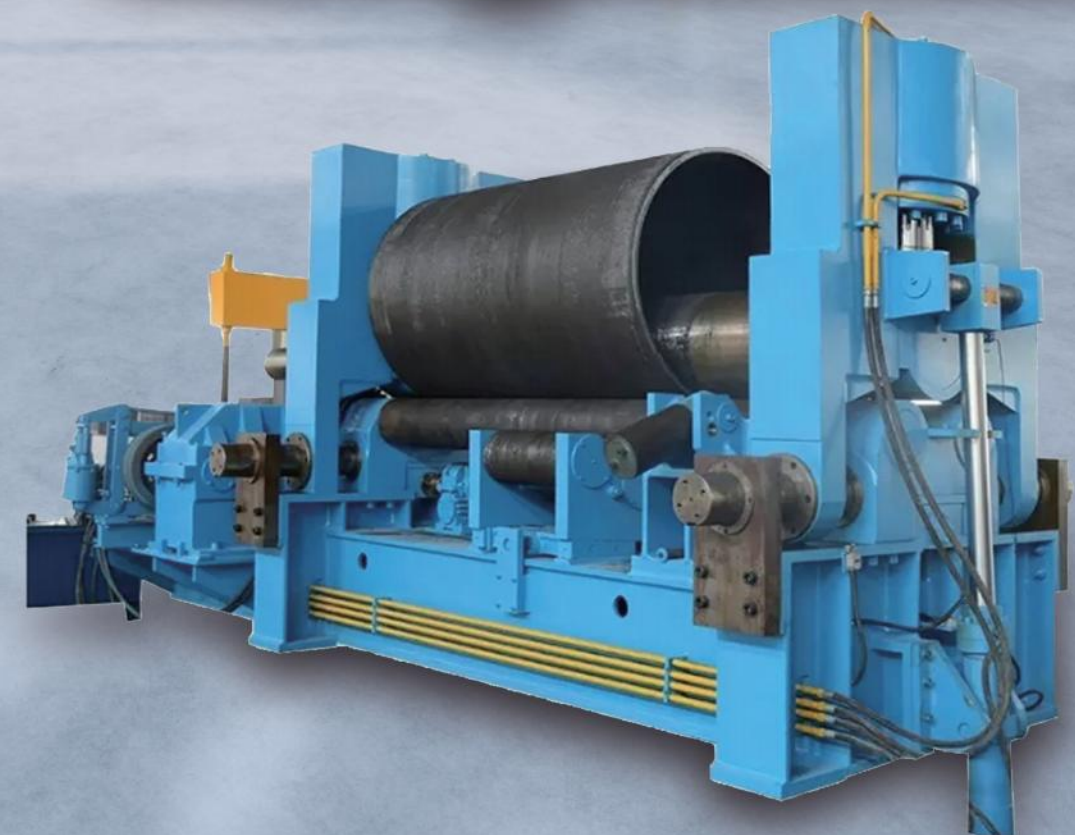
Hydraulic Drop-End

Hydraulic bending machine with 3 rollers

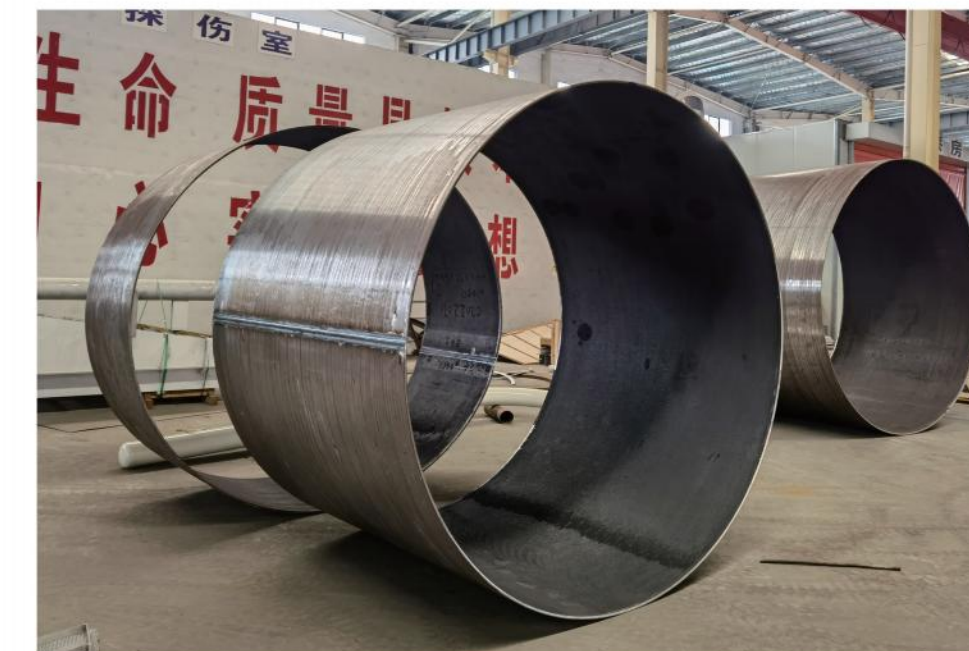


PERFORMANCE CHARACTERISTICS:

- High-precision end pre-bending.
- NC control and improve production efficiency.
- Products superior accuracy.
- The overall structure, the foundation is simple, easy to move.
- Job security.
- Rich bending shapes.



Cone Device (optional)

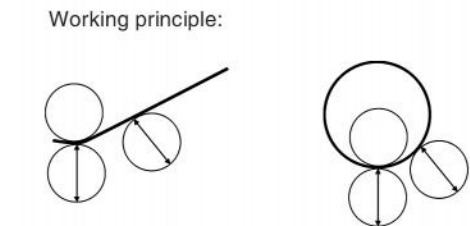


Mechanized bending machine with 3 rollers

- PERFORMANCE CHARACTERISTICS:**
- Upper roller vertical direction movement, lower rollers driven by a Gearbox and gear system.
 - All rolls and gears are hardened by heat treated, high tensile strength.
 - Mobile working panel with button control.
 - Precision bending with brake motor.
 - Standard manual drop-end, hydraulic drop-end optional.
 - The height of lower rollers is fixed; it is convenient for feeding plates.



- PERFORMANCE CHARACTERISTICS:**
- Simple initial pinch.
 - High-efficiency machine processing.
 - Specialize in small diameter cylinder bend.
 - High quality solid rolls are applied to bend stainless steel.
 - Easily-operated hand wheel is used to help lateral roll.

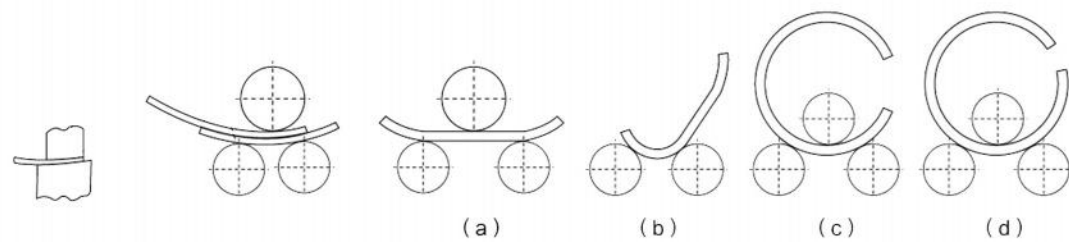


Mechanized rolling machine with pre bending

Technical parameter:

Model	Max. rolling thickness mm	Max. plate width mm	Sheet yield limit mm	Rolling speed m/min	Min full loading diameter of plate mm	Motor Power kW	Weight (KG)	Overall Dimensions LXWXH(mm)
W11F-2x1000	2	1000	245	6	250	2.2	750	1600x500x900
W11F-2x1200	2	1200	245	6.1	250	2.2	800	1950x600x1000
W11F-2x2000	2	2000	245	6	250	2.2	1000	2600x560x1000
W11F-4x1000	4	1000	245	6.1	250	2.2	800	1800x800x1050
W11F-4x1500	4	1500	245	5.4	300	3	900	2800x800x1050
W11F-4x2000	4	2000	245	5.4	300	3	1200	3300x800x1050
W11F-6x1000	6	1000	245	5.4	350	3	1200	1800x800x1050
W11F-6x1500	6	1500	245	5.4	350	3	1500	2800x800x1050
W11F-6x2000	6	2000	245	5.4	400	4	2000	3300x850x1080

Description and specifications given in this catalogue are subject to modification without notice.



Technical parameters:

Specification	Thickness of coild plate (mm)	Max pre-bending Thickness (mm)	Width of coild plate (mm)	Diameter of top shaft (mm)	Motor power (mm)	Dimension (mm)	Weight (kg)
W12CNC-6x2000	1-6	4	2000	200	4	3600x1100x1100	5900
W12CNC-6x2500	1-6	4	2500	220	5.5	4000x1200x1200	6800
W12CNC-8x2500	2-8	6	2500	250	7.5	4700x1500x1500	7600
W12CNC-12x2000	3-12	10	2000	250	7.5	4200x1500x1500	8500
W12CNC-12x2500	3-12	10	2500	280	11	4800x1600x1600	9200
W12CNC-16x2500	3-16	12	2500	320	11	5000x1700x1700	11500
W12CNC-16x4000	4-16	12	4000	400	22	6600x1700x1700	19200
W12CNC-20x2500	3-20	16	2500	350	15	5000x1900x1880	14100
W12CNC-20x3200	4-20	16	3200	420	18.5	4600x2200x2200	18000
W12CNC-25x2000	3-25	20	2000	380	15	4600x1900x1900	14200
W12CNC-25x2500	4-25	20	2500	400	18.5	5100x2200x2200	14500
W12CNC-25x3200	5-25	20	3200	430	22	6600x2550x2500	19400
W12CNC-30x2500	6-30	25	2500	430	22	5950x2200x2450	19800
W12CNC-30x3000	6-30	25	3000	490	30	6800x2450x2600	24000
W12CNC-40x2500	10-40	35	2500	520	30	6300x2550x2600	23800
W12CNC-40x3000	10-40	35	3000	560	37	7200x2680x2800	32000
W12CNC-50x3000	12-30	42	3000	650	37	7600x2850x3200	38000

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Technical parameters:

Model	Thickness of coiled plate (mm)	Max pre-bending Thickness (mm)	Width of coiled plate (mm)	Plate Yield Strength (Mpa)	Diameter of Upper Roller (mm)	Diameter of Lower Roller (mm)	Main Motor (KW)	Weight (KG)	Overall Dimensions LXWXH(mm)
W11S-12X2000	2-12	10	2000	245	250	145	5.5	6500	3900X1450X1400
W11S-12X2500	2-12	10	2500	245	270	160	7.5	7200	4500X1500X1450
W11S-16X2500	2-16	12	2500	245	300	165	11	8600	4500X1550X1750
W11S-16X3200	2-16	12	3200	245	330	170	11	12800	5500X1750X1860
W11S-20X2500	3-20	16	2500	245	340	180	15	12000	5000X1700X1900
W11S-20X3000	3-20	16	3000	245	375	200	18.5	15000	5600X1960X2200
W11S-25X2500	3-25	20	2500	245	380	220	22	15800	5100X1920X2200
W11S-25X3000	3-25	20	3000	245	420	235	30	18000	5900X2400X2500
W11S-30X2500	5-30	25	2500	245	420	235	30	18500	5200X2400X2500
W11S-30X3000	5-30	25	3000	245	450	250	37	22000	6300X2560X2800
W11S-40X2500	6-40	25	2500	245	520	270	37	29000	6000X2700X2900
W11S-40X3200	6-40	25	3200	245	550	290	45	35000	7500X2900X3200

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Technical parameters:

Model	Thickness of coiled plate (mm)	Width of coiled plate (mm)	Plate Yield Strength (Mpa)	Diameter of Upper Roller (mm)	Main Motor (KW)	Weight (KG)	Overall Dimensions LXWXH(mm)
W11-4X1500	1-4	1500	245	140	3	1500	2800X800X1100
W11-4X2000	1-4	2000	245	160	4	1800	3400X800X1100
W11-6X2000	1-6	2000	245	170	4	2000	3600X900X1350
W11-6X2500	1-6	2500	245	190	5.5	2600	3600X900X1350
W11-8X2000	1-8	2000	245	190	5.5	2800	3600X1000X1350
W11-8X2500	2-8	2500	245	220	7.5	3500	4300X1100X1400
W11-12X2000	3-12	2000	245	240	7.5	3800	3800X1100X1400
W11-12X2500	3-12	2500	245	260	11	4800	4600X1200X1450
W11-16X2000	3-16	2000	245	260	11	4600	4100X1200X1450
W11-16X2500	3-16	2500	245	280	11	5900	4800X1400X1450
W11-20X2000	3-20	2000	245	280	11	7000	4100X1200X1450
W11-20X2500	3-20	2500	245	340	15	8600	4800X1400X1450

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Dish end forming machine



PERFORMANCE CHARACTERISTICS:

XBJ-3000 Shaped Head Automatic Edge bending Machine is a special equipment for our special vehicle production line which has been developed by our company on the basis of many years of head-spinning technology and equipment debugging technology and attracting foreign advanced technology.

The special-shaped head automatic bending machine adopts advanced PLC programmable control technology, micro-electronic technology, with beautiful appearance of rotating edge, reliable quality, high production efficiency, simple and convenient operation, easy to grasp the characteristics of equipment and so on. The product not only improves efficiency but also ensures a stable head spin quality during mass production and improves the operating environment. This product has obtained national patents. Appropriate objects: regular and automatic rotation of the sealing head of regular tanks, which is especially suitable for enterprises with complete processing of various tanks.



Technical Specifications

Serial number	Item	Technical Parameters
1	Specification	XBJ-3000
2	Max dia.	3000mm
3	Min dia.	800mm
4	Min arc radius	≥ 350mm
5	Spinning speed	1000--2000 mm/min(linear speed)
6	Power	AC 380V 50HZ
7	R Upper roller arc radius	R20
8	Power of the main motor	8KW
9	Control mode	PLC
10	Overall Dimensions	2500x600x1500MM
11	Weight	2000KG
12	Application plate material range	

Thickness and material: 2mm-8mm Q235,2mm-8mm stainless steel and aluminum alloy. (Note: the external and internal supporting rollers of nylon materials need to be changed when processing aluminum sections)

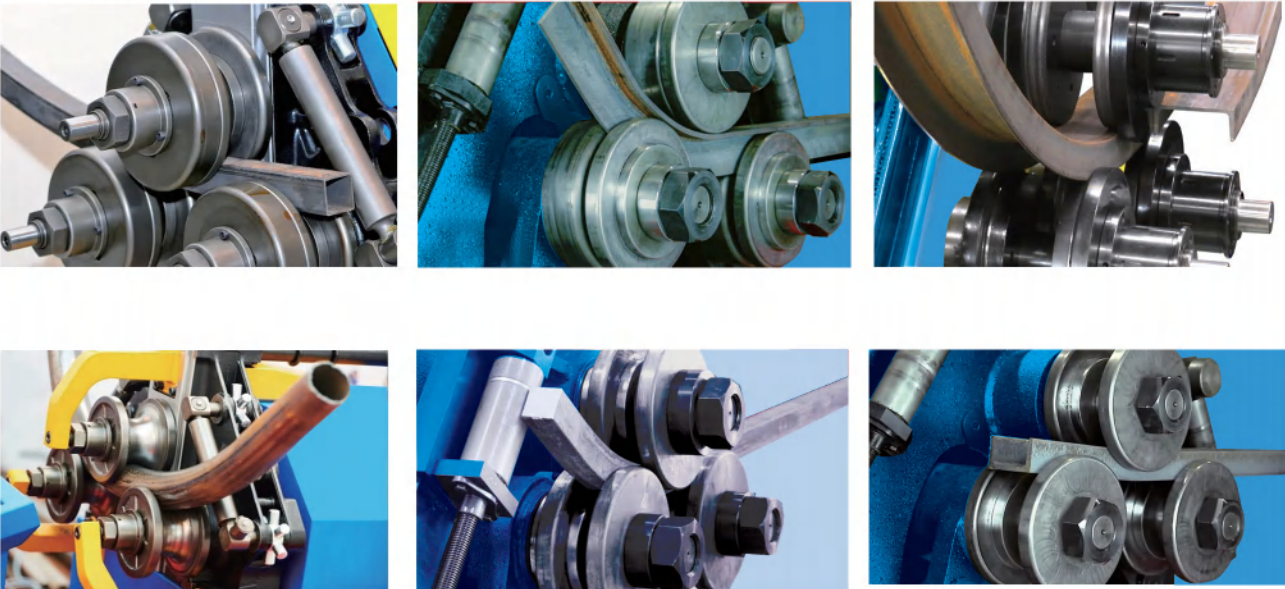
Height of folding edge: 25mm-50mm
(The height of the edge is related to the thickness of the plate. The plate is thinner, the edge is lower. The edge must be less than 25mm when the plate thickness is 2mm.)

Depth of dished head: ≤150 mm

Deviation of centre of location for irregular shape dished head after cutting: ≤5mm



Profile Bender



Technical paramotear		Model & Type								Model & Type			
		W24S-6	W24S-16	W24S-30	W24S-45	W24S-75	W24S-100	W24S-140	W24S-180	W24S-260	W24S-320	W24S-400	W24S-500
(cm²)Max.bending no		6	16	30	45	75	100	140	180	260	320	400	500
Bonding speed		6	5	5	5	5	5	5	4	4	4	4	4
(Mpa)Matocal yield limit		Q _s =250								Q _s =250			
Angle steel in-turn	(mm)Max.Section	40x5	70x8	80x8	90x10	100x10	120x12	140x16	150x16	160x16	180x14	200x18	200x20
	(mm)Min.bending DIA	800	1000	1200	1500	2000	2500	2400	2600	2600	3600	3600	4000
Angle steel out-turn	(mm)Max.Section	50x5	80x8	90x10	100x10	120x12	140x16	150x16	160x16	250x25	200x18	200x24	250x25
	(mm)Min.bending DIA	800	1000	1100	1300	1600	1800	2200	2000	2500	3600	3600	4000
Channel steel out-turn	(mm)Max.Section	8	12	16	20	25	28	30	32	36	40	45	50
	(mm)Min.bending DIA	600	600	800	1000	1100	1700	1200	1500	1800	2000	2000	2400
Channel steel in-turn	(mm)Max.Section	8	12	16	20	25	28	30	32	36	40	45	50
	(mm)Min.bending DIA	700	900	1000	1150	1600	1700	1700	1800	1800	2000	2000	2400
Channel steel side-turn	(mm)Max.Section	-	-	8	10	12.5	14.6	16	18	20	22	25a	25a
	(mm)Min.bending DIA	-	-	1500	1800	2000	2500	3000	3500	4000	5000	8000	10000
Flat steel horizontal turn	(mm)Max.Section	100x18	150x25	180x25	200x30	220x40	250x40	280x50	300x50	330x50	360x60	400x75	500x76
	(mm)Min.bending DIA	600	700	800	900	1000	1200	1300	1500	1900	2000	2400	2400
Flat steel vertical-turn	(mm)Max.Section	50x3	75x10	62	100x25	110x40	120x40	150x40	180x30	190x40	190x50	200x50	200x60
	(mm)Min.bending DIA	500	760	600	1000	1100	1300	1500	2000	2000	2400	2200	2500
Round steel bending	(mm)Max.Section	38	52	62	75	85	90	100	110	120	135	150	160
	(mm)Min.bending DIA	450	600	900	800	1000	1100	1200	130	1350	1800	2000	2000
Round tube bending	(mm)Max.Section	42x4	76x4.5	89x5	89x8	114x5	159x5	168x6	168x8	219x8	245x8	273x8	323x10
	(mm)Min.bending DIA	500	750	1000	900	1200	2000	2000	2000	3500	3000	3500	4200
Square tube bending	(mm)Max.Section	45x3	60x4	-	80x6	90x8	100x10	125x10	140x10	150x10	165x10	180x12	200x12
	(mm)Min.bending DIA	750	900	-	1200	1600	2000	2500	3000	3000	3500	3500	5000
I steel vertical bending	(mm)Max.Section	-	-	-	-	10	12.6	14	16	18	20b	22b	25b
	(mm)Min.bending DIA	-	-	-	-	2000	2500	3000	3500	4000	5000	8000	10000
Overall Dimensions L X W X H (mm)		800x700x950	1000x850x980	1600x1300x1500	2500x800x1800	2800x2000x1780	3200x2500x2000	3400x2000x1980	3700x2800x2100	3650x2800x2100	3700x2800x2100	4200x3200x2100	4200x3200x2300
Weight (KG)		1500	2800	4200	4800	7560	9200	14000	19500	20500	22000	24000	32000

NC hydraulic pipe bending machine



PERFORMANCE CHARACTERISTICS:

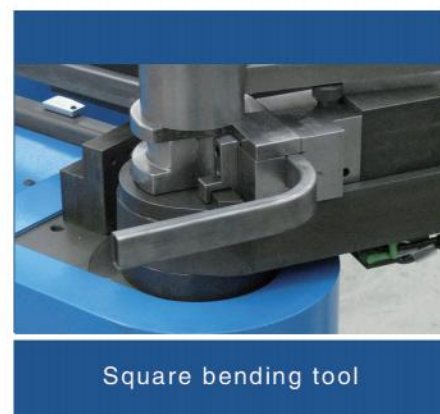
1. PLC control, easy to set programs and operate .
2. Slowly returning of mandrel , make good shape and appearance of the angle .
3. Rotating is controlled by servo-motor, more precise .
4. Memory 100 sets records with each record setting 20 auto rotating and bending angles .
5. Moveable control platform with touch-screen , more convenient .
6. Mistakes self-checking on the screen , help to solve problem immediately .
7. Key parts use the imported brands .
8. Hydraulic power, processing more smoothly .
9. Die material use high quality steel, hardness high and long life use, the hardness not below HRC50; dies including bending die,clamping die, crease resistant die, guide die, Wiper Die(Optional), Ball Mandrel(Optional).



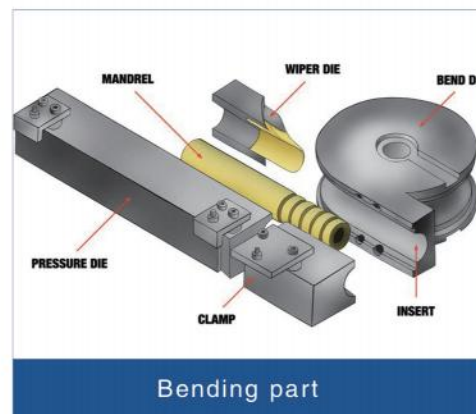
CNC Controller



Standard die



Square bending tool



Bending part

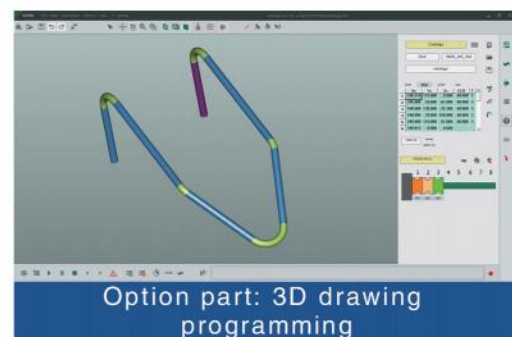


CNC hydraulic pipe bending machine



PERFORMANCE CHARACTERISTICS:

1. Bend-arm (C-axis) by hydraulic. Clamp die by hydraulic, Pressure die by hydraulic.
2. Carriage (Y-axis) by servo motor. Collet (B-axis) : rotation by servo motor, grip by hydraulic.
3. Anticipated mandrel retraction unit. Standing pedestal, serves emergency stop and remote control.
4. Fan-cooling system. Diagnosis error immediately.
5. Central Automatic lubrication system.
6. Foot pedal for safe start.
7. It is fully automatic pipe bending machine, with PLC control system, two servo for rotary, feeding.
8. Touch screen panel display English, have different bending degree prefabricate, dialogue operation, can choose manual,semi-automatic and full automatic operation manual, portable pedal switch with start and emergency stop function.Multi axes working simultaneously.
9. Bending pipe — Automatic. Rotating pipe — Automatic. Feeding pipe — Automatic.
10. One key back up of programs for USB or disk storage or through INTERNET. Management and storage of bend data and tools is done in standard text files on the hard disk of the control PLC. In case of requirement it is also possible to integrate the PLC into bending machine. Therefore an Ethernet adapter is included. The number of tools and products is practically unlimited. Product and tool files can easily be edited (also on a separate PLC) and printed out.
11. Security code for the protection the data setting and selected operation features.
12. To access to the history bending setting data to the facilitate study of malfunction with one set of tooling.
13. All the parts of hydraulic system, control system, driver system and display system are imported from famous brand, with high accuracy, high efficient, suitable for mass production.
14. CNC fully auto, have cubical space bending equipment, loading the whole bending process is automatic.
15. The machine is convenient operation, stable performance and high safety factor. The machine is the ideal choice for the pipe processing.



Option part: 3D drawing programming



CNC controller

/STANDARD PARTS



CNC Feeder



Double dies

Technical parameters:

Main Technical Parameter	Unit	18NC	25NC	38NC	50NC	63NC	75NC	89NC	115NC	130NC	168NC
Max. Bending Capacity	mm	18x2	25x2	38x2	50x2	63x2.5	75x4	89x5	115x10	130x12	168x14
Bending Radius Region	mm	20–150	20–180	20–200	20–250	25–350	30–350	30–450	40–550	50–650	60–850
Bending Angle Region	Degree	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°
EffectiveLength Over Mandrel	mm	1500	1800	2000	2300	2600	3200	3500	5500	6000	6500
Oil Pressure System Motor	kw	2.2	2.2	4	5.5	5.5	7.5	11	18.5	22	25
Max. Pressure	kg/cm	160	160	160	160	160	160	160	160	160	160
Machine Dimension	mm	2300x550x1300	2500x650x1300	2500x700x1300	3000x700x1300	3200x750x1300	3600x1000x1400	4400x1150x1350	5800x1500x1350	6000x1500x1350	6300x2450x1500
Machine Weight	kg	500	600	750	1220	1400	2380	4500	6500	11500	12000

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Technical parameters:

Main Technical Parameter	Unit	18CNC	25CNC	38CNC	50CNC	63CNC	76CNC	89CNC	114CNC	130CNC	168CNC
Max. Bending Capacity	mm	18x2	25x2	38x2	50x2	63x2.5	76x4	89x5	114x10	130x12	168x14
Bending Radius Region	mm	3–150	5–180	10–200	15–250	20–300	25–350	40–450	40–550	50–650	50–650
Bending Angle Region	Degree	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°	0–190°
EffectiveLength Over Mandrel	mm	2000	2800	3000	3200	3500	4200	4600	5000	5000	6000
Oil Pressure System Motor	kw	2.2	2.2	4	5.5	5.5	7.5	11	18.5	22	25
Max. Pressure	kg/cm	160	160	160	160	160	160	160	160	160	160
Machine Dimension	mm	3000x700x1300	3500x750x1300	4200x950x1350	4800x1000x1350	5200x1100x1350	5800x1200x1350	6200x1500x1350	6800x1650x1350	7200x1800x1350	7500x1850x1550
Machine Weight	kg	600	700	850	1320	1500	2800	5500	7800	12000	14000

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Four-column hydraulic press



Technical parameter:

Specifications		Type	JGS32-40	JGS32-63	JGS32-100	JGS32-100A	JGS32-160	JGS32-160B	JGS32-200	JGS32-200A	JGS32-315A	JGS32-315B	JGS32-400	JGS32-500	JGS32-500C	JGS32-630	JGS32-800	JGS32-1000	JGS32-1250	JGS32-1600
Description																				
Rated preasure		kN	400	630	1000	1000	1600	1600	2000	2000	3150	3150	4000	5000	5000	6300	8000	10000	12500	16000
Maximum liquid pressure		Mpa	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
Stroke of silde		mm	120	190	190	190	400	400	400	400	630	630	630	1000	1000	1000	1600	1600	1600	2000
		mm	450	500	600	600	700	700	700	700	800	800	800	900	900	900	900	900	900	900
Strokr		kN	150	200	200	200	200	200	250	250	300	300	300	350	350	350	350	350	400	400
Daylight		mm	750	750	880	880	1000	1000	1100	1100	1250	1250	1250	1500	1500	1500	1500	1500	1500	1500
Speed of slide	Idle stroke	mm/s	160	180	120	120	100	100	100	100	100	100	100	100	100	80	80	80	80	80
	Pressing	mm/s	12-35	11-22	7-15	7-15	7-15	7-15	7-18	7-18	7-11.5	7-11.5	5-9	8-15	8-15	6-12	8-17	6-13	7-15	8-17
	Return	mm/s	120	100	120	120	70	70	70	70	60	60	55	70	70	60	70	70	55	40
Effective area of table	L-R	mm	500	580	720	1000	720	1000	1000	1000	1200	1260	1240	1400	2400	1500	1600	1600	1700	1600
	F-B	mm	460	500	580	800	620	800	900	1200	1200	1400	1200	1400	1400	1500	1600	1600	1600	1600
Motor capacity		kW	5.5	7.5	7.5	7.5	11	11	15	15	22	22	22	2x22	2x22	2x22	45+22	45+22	2x45	3x45

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/Products Samples:





HPE Series CNC Turret Punch

Performance:

- ◆ Servo-controlled punching head, reaching a punching frequency of up to 2300 strokes/min;
- ◆ Fully touchscreen human-machine interface, powerful CNC system;
- ◆ Precise positioning control, with a dead-point positioning accuracy of 0.01mm;
- ◆ Patented constant-mesh rotating station for higher repeatability in positioning accuracy;
- ◆ Capable of achieving efficient and precise roller forming;
- ◆ Energy-saving, environmentally friendly, low energy consumption, and low noise

CNC Controller



Punching dies



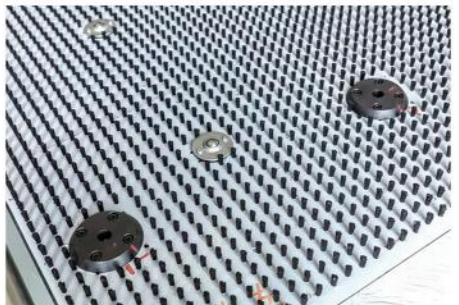
Working stations



Clamps



Working table



Electric cabinet with Schneider parts

Specifications:

Name	Unit	HPE-3044	HPE-3047	HPE-3048	HPE-3057	HPE-3058
Normal pressure	KN	294	294	294	294	294
Max. sheet dimension include first position	mm	1250 × 2500	1250 × 4000	1250 × 5000	1500 × 4000	1500 × 5000
Max. Thickness	Carbon steel sheet(mm)	6.35	6.35	6.35	6.35	6.35
	Stainless steel sheet(mm))	4	4	4	4	4
Max. Punch Dia.	mm	Φ 88.9	Φ 88.9	Φ 88.9	Φ 88.9	Φ 88.9
Punch accuracy	mm	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1
Ram stroke rates	cpm	1500	1500	1500	1500	1500
Punch frequency 1mm step 6mm punching stroke	cpm	700	700	700	700	700
Punch frequency 25.4mmstep 6mm punching stroke	cpm	400	400	400	400	400
Max. sheet speed	m/min	102	102	102	102	102
Turret speed	rpm	30	30	30	30	30
CNC axis		5(X, Y, T, C, Z)	5(X, Y, T, C, Z)	5(X, Y, T, C, Z)	5(X, Y, T, C, Z)	5(X, Y, T, C, Z)
Total power consumption	KW	6.1	6.1	6.1	6.1	6.1
Air resource	Mpa	0.6	0.6	0.6	0.6	0.6
Overall dimension	mm	5410	5410	5410	5410	5410
	mm	2300	4000	5000	4000	5000
Weight	mm	2260	2260	2260	2260	2260
	kg	1400	1500	1600	1800	1900

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Performance:

- ◆ J23 series tilting press adopts steel rotary clutch, has simple structure, convenient operation and reliable performance. It also has the crankshaft with horizontal structure, cast iron fuselage, good shock absorption.
- 2. It is easy to use and maintain and equipped with an emergency brake device.
- 3. Time-based automatic fuel supply system is used to greatly extend the life of the machine
- 4. Left and right open fuselage (i.e., C-shaped body), the workbench is open in three directions, loading and unloading chass and operation are more convenient. It provides good conditions for mechanization and automatic so that it is widely used in national defense, aviation, automobiles, tractors, motors, electrical appliances, instruments, medical devices, and other lines.

Mechanical punching machine

Specifications:

Specifications Description	Type	Type											
		J23-6.3	J23-10B	J23-16	J23-16B	J23-25A	J23-35A	J23-40A	J23-63A	JD23-63A	J23-80A	JD23-80A	
Nominal force	kN	63	100	160	160	250	350	400	630	630	800	800	
Nominal stroke	mm	2	4	5	5	5	5	6	8	8	9	9	
Slide slide	mm	35	60	55	70	80	100	120	120	120	130	130	
SPM	mm ⁻¹	170	145	125	125	60	53	55	50	50	45	45	
Max die height	mm	110	120	160	170	180	180	220	270	270	290	290	
Die height adjustment	mm	30	30	45	45	70	75	80	80	80	100	100	
Between slide center	mm	110	130	160	170	210	200	260	260	260	270	300	
Bolster(F.BxL.R)	mm	200x310	240x260	300x450	320x480	400x600	380x610	480x710	480x710	480x710	520x860	520x860	
Bolster Opening (Dia. × FB × LR)	mm	φ60	φ120x20 xφ100	φ100	φ100	φ120	φ130	φ220x25 φ180	φ200x45 φ180	φ200x45 φ180	φ200x45 φ180	φ200x45 φ180	
Bolster thickness	mm	40	50	40	60	70	70	80	90	90	100	100	
Bolster Opening (Dia. × FB × LR)	mm	φ140x110 x160	φ130x90 x180	φ210x160 x240	φ210x160 x240	φ180x130 x260	φ180x130 x290	φ200x150 x300	φ250x200 x340	φ250x200 x340	φ250x200 x340	φ280x220 x380	
Slide area (F-BxL-R)	mm	120x140	150x170	135x190	180x200	210x250	210x250	270x320	280x320	280x320	280x380	280x380	
Shank hole(DiaxDepth)	mm	φ30x55	φ30x55	φ40x60	φ40x60	φ40x70	φ40x60	φ50x70	φ50x80	φ50x80	φ60x75	φ60x75	
Max. Inclined Angle		30°	25	25	25°	25°	25°	25°	25°	25°	20°	20°	
Between Columns	mm	150	180	170	220	260	300	300	300	350	410	410	
Main motor power	Kw	0.75	1.1	1.5	1.5	2.2	3	4	5.5	5.5	5.5	7.5	
Outline Size (F-B × L-R × H)	mm	780x610 x1505	915x700 x1690	1150x900 x1910	1150x900 x1910	1325x990 x2140	1490x1080 x2200	1600x1180 x2310	1810x1350 x2640	1885x1350 x2670	1810x1410 x2790	1990x1410 x2945	
Net weight		380	600	1080	1080	1900	2440	3100	4000	4970	4790	6000	

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High speed punching machine

Specifications:

Specifications Description	Type	Type																
		JH21-16	JH21-25B	JH21-25	JH21-45	JH21-63	JH21-80	JH21-110	JH21-125	JH21-160B	JH21-200B	JH21-250	JH21-250B	JH21-315	JH21-315B	JH21-400	JH21-400B	
Nominal force	kN	I 160	II 250	III 250	I 450	II 630	III 800	I 1100	II 1250	III 1600	I 2000	II 2500	III 2500	I 3150	II 3150	III 4000	I 4000	
Nominal stroke	mm	2	3	3	4	4	5	6	6	6	6	8	8	8	8	0	0	
Slide troke	mm	60	60	80	100	120	140	160	160	160	200	200	250	200	250	200	250	
Fixed SPM Variable(Optional)	mm ⁻¹	135	100	100	80	70	60	50	50	40	35	30	30	30	30	25	25	
	mm ⁻¹	120-150	80-120	80-120	70-90	60-80	50-70	40-60	40-60	35-50	30-40	25-35	25-35	25-35	25-35	20-30	20-30	
Max die height	mm	220	200	250	270	300	320	350	350	350	450	430	500	430	550	430	550	
Die height adjustment	mm	30	50	50	60	80	80	80	80	110	110	120	120	120	120	120	120	
Between slide center	mm	160	160	210	230	300	300	350	350	380	390	420	420	420	460	420	490	
Bolster(F.BxL.R)	mm	310-700	300-680	400-700	440-810	580-900	580-1000	680-1150	680-1150	740-1300	760-1400	800-1400	800-1400	800-1400	880-1650	880-1500	940-1800	
Bolster thickness	mm	65	70	80	110	110	120	140	140	150	160	170	170	170	200	180	200	
Bolster Opening (Dia. × FB × LR)	mm	200x300	200x270	260x250	300x300	390x460	390x520	420x540	420x540	480x600	480x600	370x570	370x570	440x580	440x580	440x580	440x580	
Slide area (F-BxL-R)	mm	250x320	270x330	300x360	340x410	400x480	400x480	500x650	500x680	580x770	600x800	650x850	650x850	650x850	700x1000	690x900	720x1200	
Shank hole(DiaxDepth)	mm	φ40x60	φ40x60	φ40x60	φ40x60	φ50x80	φ50x80	φ60x80	φ60x80	φ65x90	φ65x90	φ70x80	φ70x90	φ70x90	φ70x90	φ70x90	φ70x90	
Between Columns	mm	460	448	450	550	560	640	760	760	850	870	960	960	920	920	960	960	
Main motor power	kW	3	3	3	5.5	5.5	7.5	11	11	15	18.5	22	22	30	30	37	37	
Air cushion (option)	Air bag type eject for cxStroke	kN x mm	/	/	/	/	63x70	63x70	110x80	110x80	160x80	160x80	250x80	250x80	250x80	250x80	250x80	
	Cylinder type eject for cxStroke	kN x mm	/	/	/	23x60	40x80	40x80	60x90	60x90	80x90	100x100	100x100	100x100	100x100	100x100	100x100	
Outline Size (F-B × L-R × H)	mm	500x1040x2000	1350x680x2130	1300x1025x2150	1300x1125x2275	1580x1205x2580	1640x1290x2800	1850x1450x3080	1850x1490x3080	2230x1630x3210	2230x1650x3520	2800x1730x3550	2800x1730x4115	2800x1730x3710	2920x1790x4650	3140x11800x4970	3170x1880x4650	
Net weight	Kg	2400	2200	2600	3450	5000	6500	9300	9900	14500	16790	23700	24500	23500	29000	29000	35300	

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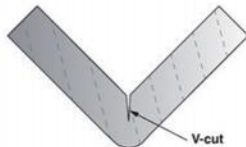
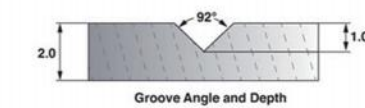
Main performance characteristics:

- 1.High rigidity and steel-welded frame.
- 2.The slider is guided by six sides, has long guide rail and high precision, which can extend the life of the mold.
- 3.Dry pneumatic friction clutch, makes low noise and easy maintenance.
- 4.Hydraulic overload protection device, can overload automatic emergency stop to protect the safety of the press and mold, and is easy to use.
- 5.Thick oil lubrication system with oil circuit alarm function, which ensures the smooth operation of the machine tool.
- 6.Safety PLC centralized control, with emergency stop, inching, single, continuous operation specification.
- 7.Optional transmission output shaft, automatic feeding, air cushion and other devices.

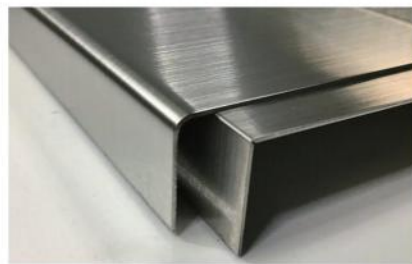


Horizontal V grooving machine

/PROCESSING EXAMPL:



Formed V-groove Bend After Springback



Horizontalgrooving machine

Model	3200*1250	4000*1250	4000*1500	5000*1250	5000*1500	6000*1250	6000*1500
Max. grooving width(mm)	1250	1250	1500	1250	1500	1250	1500
Max. grooving length(mm)	3200	4000	4000	5000	5000	6000	6000
Max grooving hight (The flatness of stainless sheet is less than 3mm) (mm)	4	4	4	4	4	4	4
Min grooving thickness(mm)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Min distance betweenV-groove and edge(mm)	8	8	8	8	8	8	8
Max cutting speed	0-90	0-90	0-90	0-90	0-90	0-90	0-90
Return speed	0-120	0-120	0-120	0-120	0-120	0-120	0-120
Left and right movement resolution of tool rest(mm)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Positioning accuracy(mm)	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Up and down movement resolution of tool rest(mm)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
Positioning accuracy(mm)	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01	± 0.01
Power of main servo motor (Kw)	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Hydraulic system working pressure(Mpa)	7.9	7.9	7.9	7.9	7.9	7.9	7.9
Machine size(L*W*H)	5300*2300*1700	6100*2300*1700	6100*2300*1700	7100*2300*1700	7100*2300*1700	8100*2300*1700	8100*2300*1700
Machine Weight (kg)	7200	8200	8800	9200	9800	10400	11200

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Vertical V grooving machine

Vertical V grooving machine

Model	3200*1500	4000*1250	4000*1500	5000*1250
Max. grooving width(mm)	1250	1250	1500	1250
Max. grooving length(mm)	3200	3200	4000	5000
Max grooving hight (The flatness of stainless sheet is less than 3mm) (mm)	6	4	4	4
Min grooving thickness(mm)	0.4	0.4	0.4	0.4
Min distance between V-groove and edge(mm)	8	8	8	8
Max cutting speed	0-90	0-90	0-90	0-90
Return speed	0-120	0-120	0-120	0-120
Left and right movement resolution of tool rest(mm)	0.001	0.001	0.001	0.001
Positioning accuracy(mm)	± 0.01	± 0.01	± 0.01	± 0.01
Up and down movement resolution of tool rest(mm)	0.001	0.001	0.001	0.001
Positioning accuracy(mm)	± 0.01	± 0.01	± 0.01	± 0.01
Power of main servo motor (Kw)	4.5	5.5	5.5	5.5
Hydraulic system working pressure(Mpa)	6.8	7.9	7.9	7.9
Machine size(L*W*H)	5300*2300*1700	6100*2300*1700	6100*2300*1700	7100*2300*1700
Machine Weight (kg)	8200	9200	9400	11000

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Hydraulic punch & shear



Technical Specifications:

Model	Q35Y-16	Q35Y-20	Q35Y-25	Q35Y-30	Q35Y-35
Working pressure(KN)	660	900	1200	1650	2000
Max. cuning thickness(mm)	16	20	25	30	35
Tensile strength of sheet metal (N/mm2.)	≤ 450	≤ 450	≤ 450	≤ 450	≤ 450
Shearing size of one stroke(mm)	16x20 8x400	20x330 10x480	25x330 16x600	30x335 20x600	35x550 15x700
Stroke of ram(mm)	80	80	80	80	80
cycles/min(20mm sorke)	28	28	28	27	25
Throat depth(mm)	300	355	400	600	600
Punching Capacity	φ 22x20	φ 26x22	φ 31x27	φ 36x32	φ 40x35
Max.Diameter x thickness	φ 50x9	φ 50x12	φ 50x17	φ 50x23	φ 50x28
Max.Round Bar Shear	φ 45	φ 50	φ 60	φ 65	φ 65
Max.Squae Bar Shear	40x40	50x50	50x50	55x55	60x60
Max.Channel Shear	126x53	160x60	200x75	280x86	320x88
Max.I Beam Shear	126x74	160x88	200x102	280x124	320x130
At 90°cut	125x125x12	140x140x12	160x160x14	180x180x16	200x200x20
At 45°Mitre	60x60x6	50x50x5	70x70x7	50x50x5	80x80x8
Power of main motor(kw)	4	5.5	7.5	11	15
Dimensions(LxWxH)mm	1640x800x1770	1860x800x1900	2355x960x2090	2680x1040x2300	2795x1040x2300
Weight of machine(kg)	1600	2000	4100	6800	7500