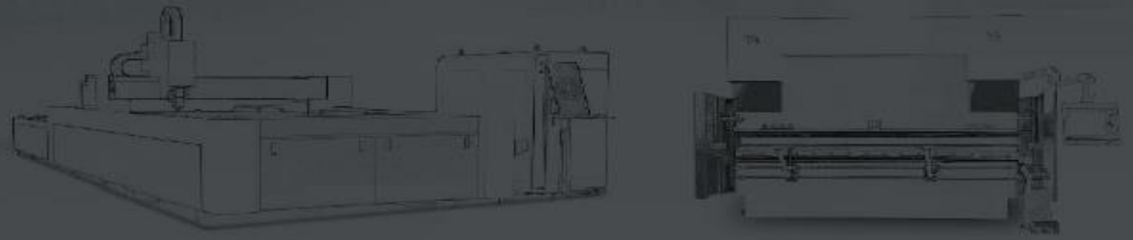


EIC

Safwa Egypt For Sheet Metal Working Machine

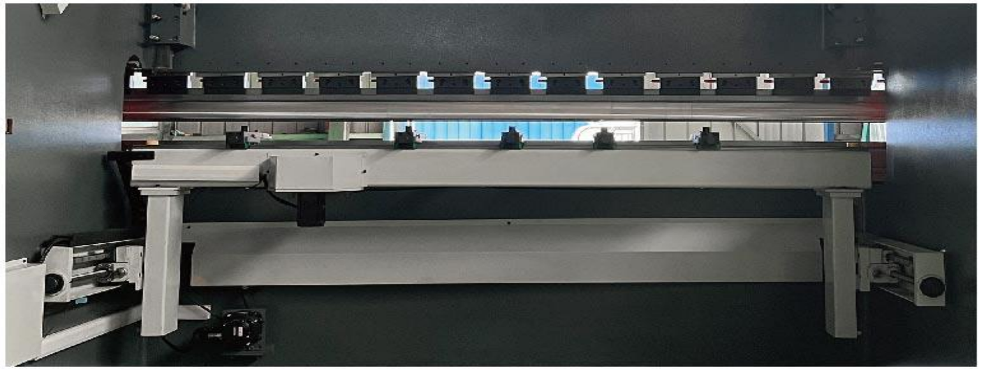
Mob : +201006691572 - +201050057355

Email: safwaegypt.2020@gmail.com
info@safwa-egypt.com

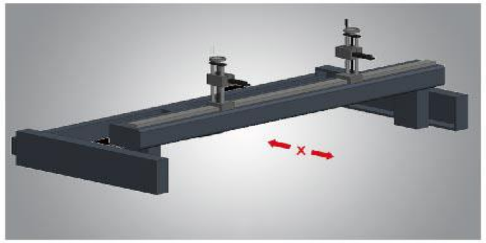
Web : safwa-egypt.com

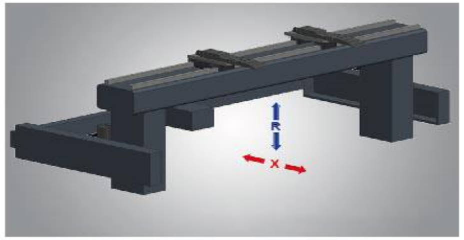
SOLUTIONS
FOR SHEET METAL
MACHINES

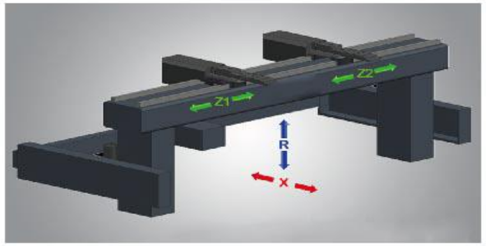
EIC Series
CNC PRESS BRAKE



Using PM grinding gradeball screw,large guide, high precision and fast speed







X-axes:
*Stroke:600mm
*Speed:150-200mm/s
*Postioning accuracy :±0.05
*Repeated postioning accuracy :±0.02

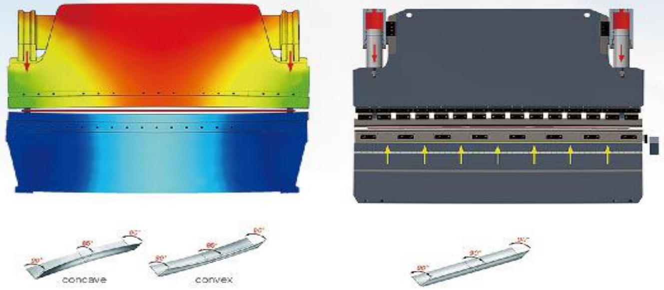
R-axes:
*Stroke:±100mm
*Speed:100-180mm/s
*Postioning accuracy: ±0.05
*Repeated postioning accuracy :±0.02

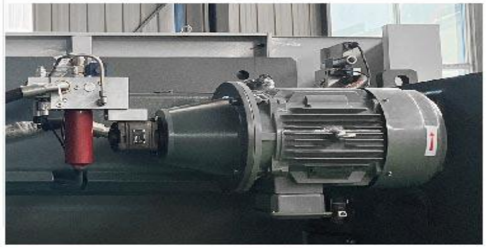
Z1,Z2-axes:
(If 6+1 /8+1 axes machine)
*Speed :500mm/s
*Postioning accuracy : ±0.05

STANDARD CONFIGURATION

Table compensation device

The V axis is to compensate for shaft manual adjustment worktable with convex volume, can obtain the deflection compensation precise on the working table length. With convex wedge convex table by a group with an inclined plane, each with convex wedge slope deflection curve of order is designed according to the sliding work table vertical plate, finite element analysis and. CNC system according to the load force of the workpiece bending size (the force causes the slider and the work table vertical plate deflection deformation), compensation calculation required, automatic control and relative displacement of convex wedge block, so as to effectively compensate the deflection slider and table upright plate deformation, bending workpiece can get the ideal.





SIEMENS Main Motor

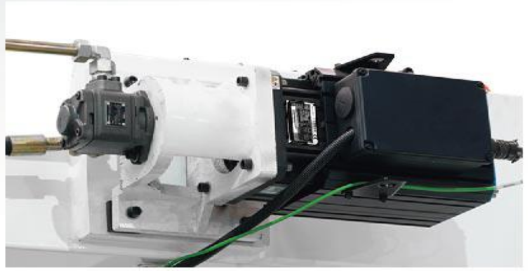
Precision Quick Clamping

Rexroth Hydraulic System

FAGOR / GIVI Grating Ruler

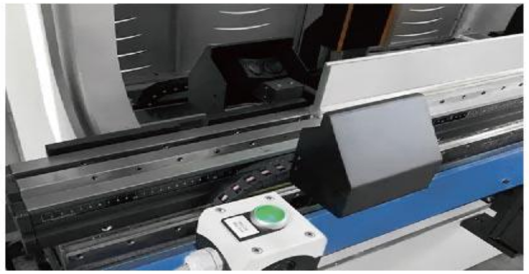
OPTIONAL CONFIGURATION

Wila Upper Tool Clamping Systems



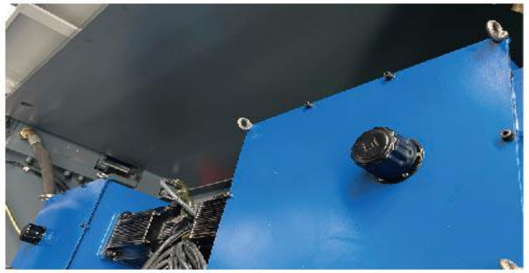
Main servo motor

WILA Lower Tool Holders



Angle Measurement

CNC Follower Supports

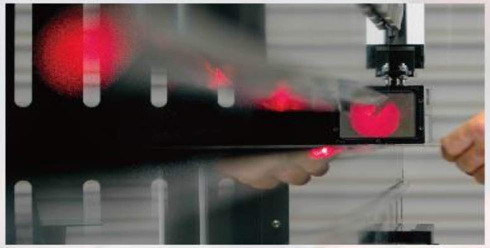


Double servo valve control

EIC

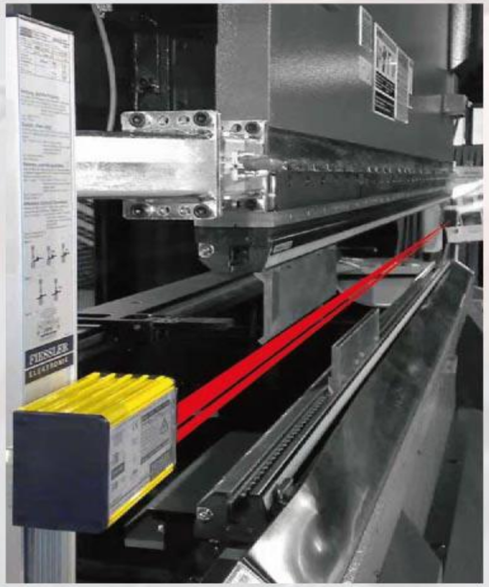
SAFETY
OPTIONS

Our machines are designed in accordance with Ce-Norms to ensure your safety with hydraulic, electric, appropriate height covers and laser light curtains. CE safety in tandem machines are also provided with light barriers.



Lasersafe LASER FRONT SAFETY

DSP LASER FRONT SAFETY



AKAS III LASER FRONT SAFETY

Fiessler LASER FRONT SAFETY

SDKELI LASER FRONT SAFETY

OPTIONAL
CNC SYSTEM

DA-53T(DELEM)

- "Hot-key" touch navigation
- 10.1" high resolution colour TFT
- Up to 4 axes (Y1,Y2 + 2 aux axes)
- Crowning control
- Tool / material / product library
- Servo and frequency inverter control
- Advanced Y-axis control algorithms for closed-loop as well as open-loop valves
- TandemLink (option)
- USB memory stick interfacing
- Profile-T offline software

DA-58T(DELEM)

- 2D touch graphical programming
- 15" high-resolution TFT true color display
- Bending process calculation
- Deflection compensation control
- Servo and drive control modes
- Advanced Y-axis control algorithm, you can control the closed-loop valve can also control the open-loop valve
- USB interface

DA-66T(DELEM)

- 2D Touch graphical programming.
- 3D Product graphical simulation display
- 17" High-resolution TFT Color Display
- Full Windows application package
- Compatible DELEM modular structure
- USB, Peripheral Interface
- User program applications under multi-tasking environment
- Angle detecting sensor interface

DA-69T(DELEM)

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

ESA VIS-630

- All-in-one monoboard
- Resistive type 10 "Touch color screen
- For all applications up to 4 axes
- Clear and ergonomic HMI for intuitive use
- 32 + 32 I / O with integrated PLC
- 1 standard Ethernet port + 1 optional
- 2 RS-232 serial ports
- 2 USB 2.0 ports
- 4 analog inputs + 2 analog outputs
- 1 CANopen port
- Available in 25 languages

ESA VIS-640

- High definition 15 inch TFT color display
- Built-in PLC
- 2D graphics programming
- Calculation of expansion length
- Graphic up and down mold, support multilateral mold, telescopic mold, arc mold, gooseneck mold, etc
- Automatic and manual optimization of graphic programming
- Support simulated bending
- Support graphic or numerical arc bending
- PS2 keyboard and mouse interface
- Support dual linkage function, no need to buy synchronous card

ESA VIS-860

- 18.5" designed for multi touch screen
- Support multi touch application
- No frame,simple but powerful
- Support finger-tip work piece design
- Support import of tools shapes (.dxf ifles)
- Support management of tool library
- Support tool and die holders' management
- Support datam angle measurement system
- Support ESA 3D Bend software
- Equip standard industry 4.0 Modbus TCP interface

ESA VIS-875

- 21.5"designed for multi touch screen
- Support multi touch application
- No frame,simple but powerful
- Support finger-tip work piece design
- Support import of tools shapes (.dxf ifles)
- Support management of tool library
- Support tool and die holders'management
- Support datam angle measurement system
- Support ESA 3D Bend software
- Equip standard industry 4.0 Modbus TCP interface

CYBELEC CYBTOUCH 8 PS

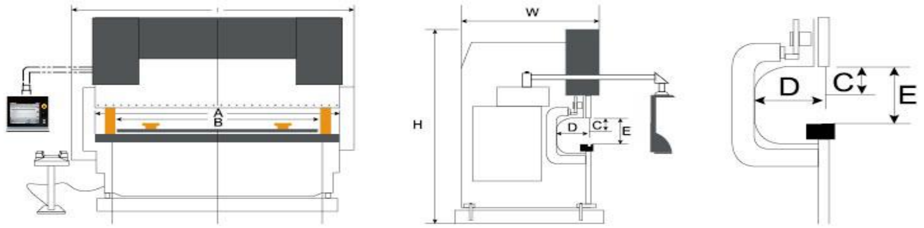
- 8 "color LCD display, touch screen, icon recognition function;
- The "EasyBend" page is processed with easy single bending.
- The fully efficient bending programming can meet the needs of mass production and processing.
- Automatically calculate bending angle, main pressure and deflection compensation;
- Automatic calculation of bending data;
- Automatic calculation of pressure and deflection compensation; automatic calculation of upper die depth;
- Angle, Back Gauge correction.

CYBELEC CYBTOUCH 12 PS

- 12 "color LCD display, touch screen, icon recognition function;
- The "EasyBend" page is processed with easy single bending.
- The fully efficient bending programming can meet the needs of mass production and processing.
- Automatically calculate bending angle, main pressure and deflection compensation;
- Automatic calculation of bending data;
- Automatic calculation of pressure and deflection compensation; automatic calculation of upper die depth;
- Angle, rear gear correction, 2D graphics programming;
- Automatically simulate the bending sequence and provide the best bending scheme (option).

EIC

TECHNICAL PARAMETER



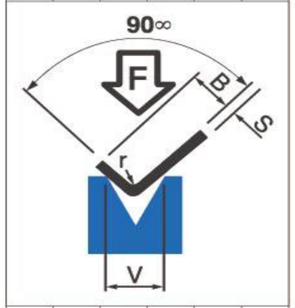
Mode	Nominal Pressure (KN)	Max. bending width (mm) A	Distance between uprights (mm) B	Throat depth (mm) C	Cylinder stroke (mm) D	Max opening height (mm)	Main power (KW)	Dimensions(mm) Length L	Width W	Height H	Weight (KG)
40T1600	400	1600	1200	220	150	410	5.5	2200	1450	2155	3200
63T/2000	630	2000	1600	260	150	420	5.5	2600	1650	2350	3900
80T/2500	800	2500	1900	300	150	420	7.5	3220	1780	2650	5800
110T/2500	1100	2500	1900	350	200	450	7.5	3240	1780	2680	6500
110T/3200	1100	3200	2600	350	200	460	7.5	4030	1780	2680	7500
110T/4000	1100	4000	3100	350	200	460	7.5	4830	1780	2780	9900
135T/3200	1350	3200	2600	350	200	460	11	4030	1790	2750	8100
135T/4000	1350	4000	3100	350	200	460	11	4830	1790	2850	10100
175T/2500	1750	2500	1900	400	200	460	11	3350	1800	2730	9200
175T/3200	1750	3200	2600	400	200	460	11	4050	1800	2730	10200
175T/4000	1750	4000	3100	400	200	460	11	4700	1800	2830	12100
175T/6000	1750	6000	5000	400	200	460	11	6700	1800	3180	20000
220T/3200	2200	3200	2600	400	200	490	15	4020	1850	2850	11500
220T/4000	2200	4000	3100	400	200	490	15	4900	1850	3100	13800
220T/6000	2200	6000	5000	400	200	490	15	6820	1850	3350	21000
270T/3200	2700	3200	2600	400	250	520	18.5	4050	1860	3000	14000
270T/4000	2700	4000	2600	400	250	520	18.5	4850	1860	3100	16000
270T/6000	2700	6000	5000	400	250	560	18.5	6850	1860	3350	24600
320T/3200	3200	3200	2600	400	250	560	22	4600	2260	3400	17500
320T/4000	3200	4000	3100	400	250	560	22	5400	2260	3500	20200
320T/6000	3200	6000	5000	400	250	560	22	7430	2260	3850	30400

Sample parameters are subject to change without prior notice!

Sheet **Bending** Force Table

Required bending power (Ton/m)
Rm=42 daN/mm² Rm=70 daN/mm²

R	B	V	0,5	0,6	0,8	1	1,2	1,5	2	2,5	3	4	5	6	8	10	12	15	20	25	30
0,5	3	4	4 / 7	6 / 10	12 / 20																
0,7	3,5	5	3 / 5	5 / 8	9 / 15	15 / 25															
0,8	4	6	2 / 4	3 / 6	7 / 12	11 / 19	18 / 30														
1	5,5	8		2 / 4	5 / 8	8 / 13	12 / 21	21 / 35													
1,3	6,5	10			4 / 6	6 / 10	9 / 15	15 / 26	30 / 50												
1,5	8	12				5 / 8	7 / 12	12 / 20	23 / 38	39 / 66											
2	10,5	16					5 / 8	8 / 13	16 / 26	27 / 45	44 / 71										
2,5	13	20						6 / 10	12 / 19	20 / 33	31 / 52	60 / 101									
3,2	16,5	25							9 / 15	14 / 24	23 / 38	44 / 73	76 / 126								
4,4	21	32								11 / 18	16 / 27	32 / 53	54 / 90	85 / 142							
5	26	40									12 / 21	23 / 38	39 / 66	62 / 103	121 / 202						
6,5	32,5	50										18 / 30	29 / 48	45 / 76	88 / 147	151 / 252					
8	41	63											22 / 37	33 / 55	70 / 117	109 / 182	173 / 288				
10	52	80												25 / 42	46 / 77	79 / 131	124 / 207	213 / 354			
12	65	100													35 / 59	58 / 96	91 / 151	155 / 258	302 / 504		
15	81,5	125														44 / 74	66 / 110	113 / 189	220 / 367	373 / 630	
20	104	160															50 / 83	81 / 135	263	269 / 448	425 / 709
25	130	200																62 / 104	115 / 192	197 / 328	310 / 517
37	163	250																	89 / 148	144 / 240	227 / 378
45	195	300																		120 / 200	173 / 288



EIC Series

NC PRESS BRAKE

EIC

OPTIONAL CNC SYSTEM

E21

E300P

DA41T

TP10S

CT8

Technical Parameter

Type	Nominal Force	Worktable Length	Poles Distance	Throat Depth	Slider Travel	Max Open	Power	Weight	Dimension
	(KN)	(mm)	(mm)	(mm)	(mm)	(mm)	(kw)	(kg)	LxWxH(mm)
40T/1600	400	1600	1200	200	100	320	5.5	2500	1800x1200x1800
40T/2000	400	2000	1600	200	100	320	5.5	3000	2300x1280x2100
50T/2500	500	2500	1900	200	100	320	5.5	3400	2850x1800x2200
63T/2500	630	2500	1900	250	120	345	5.5	3800	2850x1800x2300
63T/3200	630	3200	2600	250	120	345	5.5	4300	3500x1800x2300
80T/2500	800	2500	1900	250	120	350	5.5	4800	2900x1800x2350
80T/3200	800	3200	2600	250	120	350	5.5	5400	3700x1800x2400
80T/4000	800	4000	3200	250	120	350	5.5	6500	4300x1800x2400
100T/2500	1000	2500	1960	320	120	380	7.5	5600	2900x1800x2450
100T/3200	1000	3200	2600	320	120	380	7.5	6600	3800x1800x2500
100T/4000	1000	4000	3200	320	120	380	7.5	7800	4400x1800x2500
125T/2500	1250	2500	1900	320	120	380	7.5	6200	3000x1800x2500
125T/3200	1250	3200	2600	320	120	380	7.5	6800	3800x1850x2500
125T/4000	1250	4000	3200	320	120	380	7.5	7500	4400x1850x2500
160T/3200	1600	3200	2600	320	200	450	11	9500	3900x1900x2650
160T/4000	1600	4000	3200	320	200	450	11	11000	4500x1900x2650
160T/5000	1600	5000	4000	320	200	450	11	13000	5500x2000x2700
160T/6000	1600	6000	4800	320	200	450	11	16000	6500x2000x3100
200T/3200	2000	3200	2600	350	250	500	15	10000	3900x2000x2650
200T/4000	2000	4000	3200	350	250	500	15	15000	4500x2000x2700
200T/5000	2000	5000	4000	350	250	500	15	17000	5500x2000x2700
200T/6000	2000	6000	4800	350	250	500	15	19000	6500x2000x2800
250T/3200	2500	3200	2600	350	250	520	18.5	13000	3900x2050x2850
250T/4000	2500	4000	3200	350	250	520	18.5	16000	4500x2050x2850
250T/5000	2500	5000	4000	350	250	520	18.5	18000	5500x2050x2850
250T/6000	2500	6000	4800	400	250	520	18.5	20500	6500x2150x2900
300T/3200	3000	3200	2600	400	250	520	22	14500	4000x2100x2980
300T/4000	3000	4000	3100	400	250	520	22	17000	4500x2100x2980
300T/5000	3000	5000	4000	400	250	520	22	19000	5500x2150x2980
300T/6000	3000	6000	4800	400	250	520	22	21500	6500x2150x2980
400T/4000	4000	4000	3200	400	250	540	30	26000	4500x2300x3450
400T/5000	4000	5000	4000	400	250	540	30	29000	5500x2300x3450
400T/6000	4000	6000	4800	400	250	540	30	34000	6500x2300x3500
500T/4000	5000	4000	3200	400	300	620	37	30000	4500x2450x3600
500T/5000	5000	5000	4000	400	300	620	37	36000	5500x2450x3600
500T/6000	5000	6000	4800	400	300	620	37	48000	6500x2500x3700
600T/4000	6000	4000	3200	400	300	620	45	40000	4500x2500x3700
600T/6000	6000	6000	4800	400	300	620	45	50000	6500x2600x3800

Sample parameters are subject to change without prior notice!

EIC Series

Hydraulic Swing CNC Beam Shear

OPTIONAL CNC SYSTEM

ESTUN E21S

ESTUN E200PS

P40

DELEM DAC-360T

Technical **Parameter**

Model	Cutting Thickness	Cutting Length	Cutting Angel	Material Strength	Backgauge Adjust Range	Stroke Times	Main motor	Overall Dimensions
TYPE	(mm)	(mm)	(°)	(KN/CM)	(mm)	(times/min)	(KW)	L x W x H(mm)
4x2500	4	2500	1°30'	≤450	20-500	16	5.5	3040x1550x1550
4x3200	4	3200	1°30'	≤450	20-500	13	5.5	3840x1550x1550
4x4000	4	4000	1°30'	≤450	20-600	10	5.5	4600x1700x1700
4x6000	4	6000	1°30'	≤450	20-800	5	7.5	6460x2100x3200
6x2500	6	2500	1°30'	≤450	20-500	15	7.5	3040x1710x1620
6x3200	6	3200	1°30'	≤450	20-500	12	7.5	3840x1710x1620
6x4000	6	4000	1°30'	≤450	20-600	9	7.5	4620x1850x1700
6x5000	6	5000	1°30'	≤450	20-600	8	7.5	5410x1710x1620
6x6000	6	6000	1°30'	≤450	20-800	5	11	6480x2100 x2300
8x2500	8	2500	1°30'	≤450	20-500	11	7.5	3040x1700x1700
8x3200	8	3200	1°30'	≤450	20-500	8	7.5	3860 x1700x1700
8x4000	8	4000	1°30'	≤450	20-600	8	7.5	4640x1700v1700
8x5000	8	5000	1°30'	≤450	20-600	8	7.5	5400x2400x2000
8x6000	8	6000	1°30'	≤450	20-800	8	11	6480x2100 x2350
10x2500	10	2500	2°	≤450	20-500	10	11	3040x1800x1700
10x3200	10	3200	2°	≤450	20-500	10	11	3860x2000x1700
10x4000	10	4000	2°	≤450	20-600	10	11	4650x2100x2000
10x6000	10	6000	2°	≤450	20-800	10	15	6500x2100x2300
12x2500	12	2500	2°	≤450	20-600	12	18.5	3140x2050x2000
12x3200	12	3200	2°	≤450	20-600	10	18.5	3880x2150x2000
12x4000	12	4000	2°	≤450	20-600	10	18.5	4680x2150x2100
12x5000	12	5000	2°	≤450	20-600	6	18.5	3245x1900x1900
12x6000	12	6000	2°	≤450	20-1000	5	18.5	6900x2600x2700
16x2500	16	2500	2°30'	≤450	20-600	10	185	3140x2150x2000
16x3200	16	3200	2°30'	≤450	20-600	10	18.5	3880x2150x2000
16x4000	16	4000	2°30'	≤450	20-800	10	18.5	4650x2150x2200
16x5000	16	5000	2°	≤450	20-1000	6	18.5	5900x2600x2700
16x6000	16	6000	2°	≤450	20-1000	5	22	6900x2700x2700
20x2500	20	2500	3°	≤450	20-800	8	22	3440x2300x2500
20x3200	20	3200	3°	≤450	20-800	8	22	4150x2350x2700
20x4000	20	4000	3°	≤450	20-100	5	22	4850x2600x2400
20x6000	20	6000	3°	≤450	20-1000	4	22	6700x3000x3000
25x2500	25	2500	3°	≤450	20-1000	8	37	3200x2700x2900
25x3200	25	3200	3°	≤450	20-1000	5	37	4200x2400x2500
30x2500	30	2500	3°	≤450	20-1000	4	37	3300x2900x3000
30x3200	30	3200	3° 30'	≤450	20-1000	4	40	4200x2500x2600
40x2500	40	2500	4°	≤450	20-1000	3	75	3200x3300x3200
40x3200	40	3200	4°	≤450	20-1000	3	90	4300x3300x3000

Sample parameters are subject to change without prior notice!

EIC Series

Open-Type Double-Drive Fiber Laser Cutting Machine

- It is a professional machine design, novel appearance and many patented technologies. It has the advantages of high speed, small slit, smooth section, easy operation, low energy consumption , suitable for continuous processing in large quantities, and highlighting cutting competitive advantages.

EIC

Stretched Aluminum Gantry

Using low pressure steel film casting process, the beam has high density, light weight, smooth surface quality, excellent integrity and rigidity.At the same time, it has good toughness, ductility and corrosion resistance.

Steel Bed

Steel bed has good shock absorption and small deformation, which ensures the stability of long-term production. It can effectively counteract the force of frequent high-speed reversing and high acceleration and deceleration, which is the guarantee of stable quality and provides support for constant quality of laser cutting machine.

Brand Laser Head

Equipped with brand automatic focusing cutting head, can automatically and accurately adjust the focus according to the thickness of the material, suitable for a variety of focal length;Shorten perforation time, improve perforation quality, high speed cutting, save time.

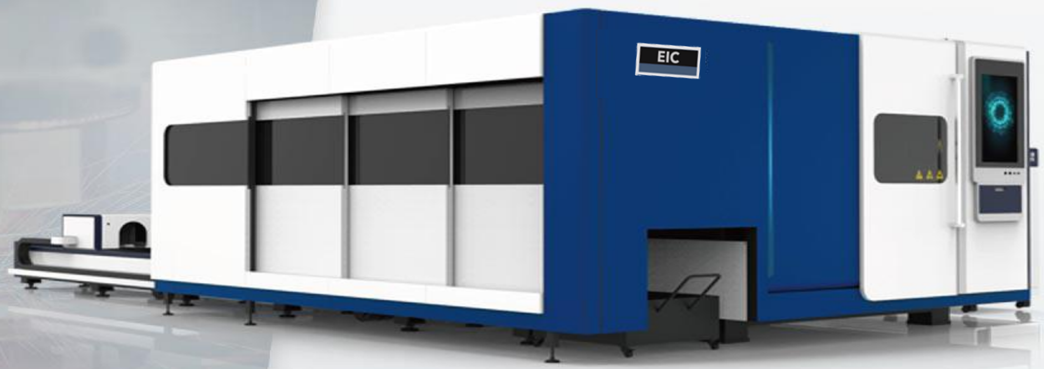
Technical **Parameter**

Model	EIC-3015	EIC-4015	EIC-4020	EIC-6015	EIC-6020	EIC-6025	EIC-8025
Processing range	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm	6000*2000mm	6000*2500mm	8000*2500mm
X-axis travel	1500mm	1500mm	2000mm	1500mm	2000mm	2500mm	2500mm
Travel Y-axis	3000mm	4000mm	4000mm	6000mm	6000mm	6000mm	8000mm
Z-axis travel	140mm	140mm	140mm	140mm	140mm	140mm	140mm
laser power	1000/1500/2000/3000/4000/6000/8000/10000/12000/15000/20000W/Other						
X / Y axis positioning accuracy	≤±0.03mm/min						
X / Y axis repeated positioning accuracy	≤±0.02mm/min						
Max. positioning speed	120m/min						

Sample parameters are subject to change without prior notice!

EIC Series

Exchange Worktable
Fiber Laser Cutting Machine



- The new closed design, double table fast exchange, while processing edge cutting, fast, small slit, smooth section, easy operation, low energy consumption, suitable for large quantities of continuous processing, highlighting cutting competitive advantage.

Exchange Table

The independent movement of the two platforms is irrelevant, the accuracy does not affect each other, and the slag removal is more convenient; With double taper pin positioning, it can be in place in one step without difference; The worktable is driven by double motors, with stable exchange and high speed.

Brand Fiber Laser

Adopts air-cooled compact structure design, semiconductor fiber as laser generation medium, green environmental protection, simple mechanical structure, constant optical path, basically maintenance free, stable cutting performance.

Model	EIC-3015	EIC-4015	EIC-4020	EIC-6015	EIC-6020	EIC6025	EIC-8025	EIC-12025
Processing range	3000*1500mm	4000*1500mm	4000*2000mm	6000*1500mm	6000*2000mm	6000*2500mm	8000*2500mm	12000*2500mm
X-axis travel	1500mm	1500mm	2000mm	1500mm	2000mm	2500mm	2500mm	2500mm
Travel Y-axis	3000mm	4000mm	4000mm	6000mm	6000mm	6000mm	8000mm	12000mm
Z-axis travel	250mm	250mm	250mm	250mm	250mm	250mm	250mm	250mm
laser power				1000W~20000W				
X / Y axis positioning accuracy				≤±0.03mm/min				
X / Y axis repeated positioning accuracy				≤±0.02mm/min				
Max. positioning speed				120m/min				

Sample parameters are subject to change without prior notice!

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Tube Plate Integrated CNC Fiber Laser Cutting Machine

Tube sheet integrated cutting, easy to exchange, can not only cut flat plate, but also meet the needs of users to cut round tube, square tube and forming box.

professional Pipe Laser Cutting Machine

The special pipe laser cutting machine can realize the cutting of various pipes such as round pipes, square pipes, rectangular pipes, and oval pipes; it is called the pipe cutting machine and material belt expert in the industry.

More Models

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Enclosed Plate Tube Integrated Laser Cutting Machine

Automatic Loading and Unloading Line

Handheld Laser Welding Machine

EIC

Fiber Laser Cutting Machine **Cutting Thickness and Speed Parameters**

Material	Thickness (mm)	1000w	2000w	3000w	4000w	6000w	8000w	12000w	15000w	20000w
		Speed m/min	Speed m/min	Speed m/min	Speed m/min	Speed m/min	Speed m/min	Speed m/min	Speed m/min	Speed m/min
Carbon steel (O_2)	0.2	-	-	-	-	-	-	-	-	-
	0.4	45-60	60-80	-	-	-	-	-	-	-
	0.6	-	-	-	-	-	-	-	-	-
	0.8	-	-	-	-	-	-	-	-	-
	1	16-24	22-35	25-35	30-40	35-45	35-45	-	-	-
	2	10-13	16-22	7-9	8-10	9-12	10-13	-	-	-
	3	5-8	-	4-5	4.3-5.3	4.3-5.5	4.5-5.5	-	-	-
	4	2.5-4	8-12	3.5-4.5	4-5	4.2-5.5	4.5-5.5	-	-	-
	5	2-3	4-7	3-3.5	3-4.2	3.5-4.2	3.5-4.2	-	-	-
	6	1.5-2	3-5	2.5-3.2	3-3.5	3-4	3-4	2.6-2.8	2.6-2.8	2.5-3
	8	1-1.2	2.5-3.5	1.8-2.4	2-3	2.2-3.2	2.5-3.2	2.5-2.6	2.5-2.6	2.3-2.8
	10	0.8-1	1.6-2	1.4-1.7	1.5-2.5	1.8-2.5	2-2.5	2.2-2.3	2.2-2.3	2.2-2.6
	12	0.5-0.8	1.3-1.8	1.2-1.5	1.4-2	1.6-2	1.8-2	1.9-2	1.9-2	2-2.2
	14	-	0.8-1	0.9-1.2	1-1.6	1.5-1.8	1.5-1.8	1.5-1.6	1.5-1.6	1.8-2
	16	-	0.6-0.8	0.8-1	0.8-1.2	0.8-1.5	0.8-1.5	1.4-1.6	1.4-1.6	1.6-1.8
	18	-	-	0.7-0.72	0.7-1	0.8-1	0.8-1	1.4-1.5	1.4-1.5	1.5-1.7
	20	-	-	0.6-0.8	0.7-0.8	0.7-0.8	0.7-0.8	1.4-1.5	1.4-1.5	1.4-1.6
	22	-	-	-	0.7-0.8	0.7-0.8	0.7-0.8	1.2	1.2-1.3	1.3-1.5
	25	-	-	-	0.3-0.5	0.4-0.6	0.4-0.6	1	1.2-1.3	1.2-1.4
	30	-	-	-	-	-	-	0.4	0.8-0.9	1-1.3
	35	-	-	-	-	-	-	0.34	0.4	0.9-1.2
	40	-	-	-	-	-	-	0.3	0.35	0.5-0.8
	50	-	-	-	-	-	-	0.2	0.25	0.3-0.5
	60	-	-	-	-	-	-	-	0.2	0.1-0.2
	70	-	-	-	-	-	-	-	-	0.1-0.2
	80	-	-	-	-	-	-	-	-	0.1-0.2
Stainless steel (air)	0.5	-	-	-	-	-	-	-	-	-
	0.6	-	-	-	-	-	-	-	-	-
	0.8	-	-	-	-	-	-	-	-	-
	0.8 (cutting with membrane)							-	-	-
	1	16-24	22-35	22-35	30-45	50-65	60-85	-	-	-
	2	6-10	10-16	10-16	12-20	30-40	35-55	-	-	-
	3	2-3	5-9	6-8	8-12	18-22	25-36	32-28	34-38	32-36
	4	1.5-2	3-4.5	5-6	6-8	10-14	18-24	22-26	25-29	28-32
	5	1-1.3	2.5-3.5	2.5-3.5	4-6	8-12	12-17	17-20	18-22	25-28
	6	-	2-3	1.5-2.5	2.5-4	6-8	8-12	15-18	17-20	20-24
	8	-	1-1.2	1-1.2	1.5-2.5	4-5	6-8	10-12	12-14	14-16
	10	-	-	0.8-1	0.8-1.5	1.8-2.5	2.4-5	8.5-9	8-10	11-13
	12	-	-	-	0.6-1	1.1-1.3	1.8-3	6.3-6.5	7-7.5	8-10
	14	-	-	-	-	0.9-1.0	1.7-2	3.7-4	4.8-5	6.5-7
	16	-	-	-	-	0.8-0.85	1-1.2	2.7-3	3.4-3.8	4.5-5.5
	18					-	0.8-1.0	2.2-2.5	3-3.3	3.5-4.5
	20						0.8	1.6-1.8	2-2.2	2.3-2.6
	25							0.8-1	1.2-1.5	1.8-2.2
	30							0.65	0.6-0.7	0.8-1.3
Galvanized plate (O_2)	0.5	-	-	-	-	-	-	-	-	-
	1	16-24	25-35	-	-	-	-	-	-	-
	2	5-8	8-12	-	-	-	-	-	-	-
	3	1.5-2	3-5	-	-	-	-	-	-	-
	4	1-1.2	2.5-4	-	-	-	-	-	-	-
	6	-	2-3	-	-	-	-	-	-	-
Aluminum plate	0.5	-	-	-	-	-	-	-	-	-
	1	6-8	10-13	30-34	40-55	55-65	80-90	-	-	-
	1.5	2.5-2	4-2.5	-	-	-	-	-	-	-
	2	1.3-1	2-2.6	10-18	15-25	25-35	35-50	-	-	-
	3	0.6-8	1-1.3	7-10	10-15	13-18	21-30	27-30	28-32	28-30
	4	-	0.6-0.8	4-5	8-10	10-12	13-18	19-21	20-22	21-26
	5	-	1.2-1.8	3-4	5-7	5-8	9-12	14-16	16-18	16-20
	6	-	0.7-1	1.5-2.5	3.5-4	4-6	4.5-8	10-12	12-14	13-17
	8	-	-	0.7-1	1.5-2	2-3	4-6	7-8	8-9	10-13
	10	-	-	-	0.8-1	1-2.1	2.2-3	4-5	5.5-6	6-8
	12	-	-	-	0.6-0.8	0.8-1.4	1.7-2	2.5-3	3.5-4	4-6
	14	-	-	-	-	0.7-0.9	1-1.2	2.3-2.5	2.5-3	3-4
	16	-	-	-	-	0.5-0.6	0.9	1.6-1.8	1.8-2	2-3
	18	-	-	-	-	-	0.7	1-1.2	1.4-1.6	1.5-2
	20	-	-	-	-	-	-	0.8	0.9-1.0	1-1.5
	25	-	-	-	-	-	-	0.5	0.8	0.8-1
	30	-	-	-	-	-	-	-	0.2	0.5-0.8
	40	-	-	-	-	-	-	-	-	0.3-0.5
	50	-	-	-	-	-	-	-	-	0.2-0.3
Copper plate	0.5	2.5-3	4-5	-	-	-	-	-	-	-
	1	1.5-2	2.4-3	30-35	35-45	50-60	70-85	-	-	-
	2	0.5-0.7	2-2.5	8-12	10-15	25-30	30-40	-	-	-
	3	-	1-1.5	4-6	5-8	12-18	15-24	25-28	25-29	28-30
	4	-	0.5-0.8	2.8-2.8	3-5.5	8-10	9-15	16-18	18-20	21-26
	5	-	1.4-1.6	1.5-2.4	2-3.2	6-7	7-9	12-14	13-16	14-18
	6	-	-	1.1-1.5	1.5-2.5	3.5-4.5	4.5-6.5	9-11	11-13	11-15
	8	-	-	0.7-0.9	0.8-1.5	1.6-2.2	2.4-4	6-7	7-8	8-10
	10	-	-	-	0.5-0.8	0.8-1.4	1.5-2.2	3.5-4.5	5-5.5	5-7
	12	-	-	-	-	0.6-0.8	1.2-1.4	2.2-2.8	3.2-3.5	4-6
	14	-	-	-	-	-	0.8-1.0	1.8-2	2.3-2.8	2-3
	16	-	-	-	-	-	0.8	1.4-1.6	1.5-1.8	1.8-2.5
	18	-	-	-	-	-	0.6	0.8-1.0	1.1-1.3	1.5-2
	20	-	-	-	-	-	-	0.7	0.7-0.9	-
	22	-	-	-	-	-	-	0.4	0.8	-
	25	-	-	-	-	-	-	-	0.4	-

Sample parameters are subject to change without prior notice!

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Symmetric Rolling Machine With Three Rollers

- W11 three-roller rolling machine use mechanical driven mechanism, upper roller can be dispatched with feed roller. Special side wheel can be installed according to customers' special requirement, in order to process different kind of material, such as angle steel rolling, round steel pipe rolling and etc.

Model	Max. thickness of plate (mm)	Max. width of plate (mm)	Plate yield limit (MPa)	Rolling speed (min^{-1})	Min dia. of plate in in full load (mm)	Dia. of upper roller (mm)	Dia. of lower roller (mm)	Space between of two lower rollers (mm)	Main motor (kW)	Dimension (mm)
W11-6×1500	6	1500	265	7.16	380	180	160	210	5.5	3310×1210×1330
W11-6×2000	6	2000	265	7.16	380	180	160	220	5.5	3810×1210×1330
W11-6×2500	6	2500	265	7.16	500	190	170	260	7.5	4310×1210×1330
W11-6×3200	6	3200	265	6.45	500	240	200	310	11	5200×1400×1200
W11-8×2000	8	2000	265	7.16	450	190	170	260	7.5	3810×1210×1330
W11-8×2500	8	2500	265	6.46	500	240	200	310	11	4500×1420×1610
W11-12×2000	12	2000	265	5	500	240	200	310	11	4050×1420×1610
W11-12×2500	12	2500	265	5	750	260	220	330	11	5000×1500×1300
W11-12×3000	12	3000	265	5	650	280	240	360	15	5500×1500×1300
W11-16×2000	16	2000	265	5	750	260	220	330	11	4500×1500×1300
W11-16×2500	16	2500	265	5	750	280	240	360	15	5000×1500×1300
W11-16×3200	16	3200	265	5	900	340	280	440	22	6300×1600×1900
W11-20×2000	20	2000	265	5	750	280	240	360	15	4500×1500×1300
W11-20×2500	20	2500	265	5	850	340	280	440	30	5600×1600×1900
W11-25×2000	25	2000	265	5	850	340	280	440	30	5100×1600×1900
W11-25×2500	25	2500	265	4.5	900	380	300	490	37	6000×4600×2150
W11-30×2000	30	2000	265	4.5	900	380	300	490	37	5500×1460×2150
W11-30×2500	30	2500	265	4.34	1100	460	380	600	45	6900×2300×2800
W11-30×3000	30	3000	265	5	1200	460	400	600	45	7400×2300×2800
W11-30×3200	30	3200	265	5	1200	500	400	600	45	7600×2300×2600
W11-40×2000	40	2000	265	5	1200	480	400	600	45	6400×2300×2800

Sorry no notice if parametre change!

Full-hydraulic 4-Roller Rolling Machine

PERFORMANCE **FEATURE**

- W12 series four-roller plate rolling machines have a mechanically powered upper roller and pneumatic-powered lower roller and side roller and are operated by centralized electric control. It can complete the pre-deformation of both ends of the plate and the rolling of drum and arch type workpieces by only one feeding. It is capable of certain shaping and leveling and also of direct pre-bending which is both work saving and material saving.

Specification	Max Pre-bending Thickness (mm)	Max Rolling Thickness (mm)	Max Rolling Width (mm)	Plate Yield Limit (MPA)	Rolling Speed (m/min)	Upper Roller Dia (mm)	Lower Roller Dia (mm)	Side Roller Dia (mm)	Motor Power (KW)
W12-6X2000	6	6	2000	265	5.5	180	180	145	5.5
W12-6X2500	6	6	2500	265	5	210	210	165	7.5
W12-8X2000	6	8	2000	265	5	215	215	165	11
W12-8X2500	6	8	2500	265	5	230	230	180	11
W12-12X2000	10	12	2000	265	5	260	260	200	18.5
W12-12X2500	10	12	2500	265	5	280	280	220	18.5
W12-16X2000	12	16	2000	265	5	280	280	220	18.5
W12-16X2500	12	16	2500	265	5	330	330	260	22
W12-16X3200	12	16	3200	265	5	360	360	280	30
W12-20X2000	16	20	2000	265	5	330	330	260	22
W12-20X2500	16	20	2500	265	5	360	360	280	30
W12-25X2000	20	25	2000	265	5	360	360	280	30
W12-25X2500	20	25	2500	265	4.5	410	400	320	37
W12-30X2000	25	30	2000	265	4.5	410	400	320	37
W12-30X2500	25	30	2500	265	4.5	470	470	390	37
W12-30X3000	25	30	3000	265	4.5	560	520	420	45
W12-40X2500	35	40	2500	265	4.5	560	520	420	45
W12-40X3000	35	40	3000	265	4.5	650	580	480	55
W12-50X2500	40	50	2500	265	4	650	620	500	55
W12-50X3000	40	50	3000	265	3.5	720	650	520	55
W12-60X3000	50	60	3000	265	3.5	750	710	560	75
W12-70X3000	60	70	3000	265	3	750	720	600	75
W12-80X3000	70	80	3000	265	3	800	780	620	75
W12-90X3000	80	90	3000	265	3	840	820	660	90
W12-100X3000	85	100	3000	265	3	900	880	700	90
W12-120X3000	100	120	3000	265	3	1020	980	800	132

Sorry no notice if parametre change!

EIC

Pneumatic Punching Machine

PERFORMANCE **FEATURE**

- This series of press frame is welded by steel plates, small deformation, good rigidity.

- This series of machine adopts pneumatic friction clutch - brake combination, long service life, low noise, stable transmission. The six surfaces of the guide rail, precision is high, can prolong the life of die, die height adjustment is convenient and reliable, with emergency stop, inching, single and continuous operation specification.

- Optional: PLC electrical control system, air cushion, photoelectric safety protection device.

Specification		R	Unit	JH21-25	JH21-45	JH21-60	JH21-80	JH21-125	JH21-160	JH21-200	JH21-250	JH21-315	JH21-400
Nominal Capacity		Pe	KN	250	450	600	800	1250	1600	2000	2500	3150	4000
Nominal		Sp	mm	3	4	4	5	6	6	6	6	7	8
Slide Stroke		S	mm	80	120	140	160	180	200	250	250	250	270
Slide Strokes Per Minute	Fixde	n	Times/min	100	80	70	60	50	45	45	30	30	30
	Variable		Times/min	60–100	50–80	45–70	40–60	35–50	30–45	25–45	20–30	20–30	20–30
Maxium Die Set Height		H2	mm	250	270	300	320	350	400	450	500	500	550
Die Height Adjustment		t	mm	50	60	70	80	90	100	110	120	120	120
Throat Depth		C1	mm	210	225	270	310	350	400	430	450	450	490
Distance Between Uprights		d1	mm	450	515	560	610	670	736	910	980	980	1050
Slide Bottom Size	L×R	a	mm	360	410	480	540	620	700	880	950	950	1020
	F×B	b	mm	250	340	400	460	520	580	650	700	700	750
Bolster Thickness	Dia	d	mm	40	50	50	50	70	70	70	70	70	70
	Depth	I	mm	65	60	70	65	90	100	100	130	130	130
Bolster Size	L×R	C	mm	720	825	930	950	1100	1170	1390	1500	1540	1700
	F×B	D	mm	400	440	520	600	680	760	840	880	880	950
Blanking Hole Diameter		ϕ	mm	150	150	150	150	160	180	200	200	200	200
Bolster Tickness		H3	mm	80	110	130	140	155	165	180	190	190	210
Bolster Surface Height		H1	mm	780	800	900	900	900	900	1000	1000	1000	1100
Overall Dimensions	L×R	A	mm	1496	1585	1540	1765	2040	2305	2600	2660	2720	2850
	F×B	B	mm	945	1075	1200	1200	1320	1420	1540	1640	1680	1750
	H	H	mm	2120	2391	2570	2725	3035	3215	3800	3865	3865	4150
Distance Between Foundation Bolts	F×B	a	mm	980	1075	1100	1210	1430	1665	2020	2100	2140	2260
	L×R	b	mm	690	760	840	920	1040	1140	1360	1460	1500	1570
Motor	Model			Y100L$_2$–4	Y132S–4	Y132S–4	Y132M–4	Y160M–4	Y160L–4	Y180M–4	Y200L$_2$–6	Y225M–6	Y250M–6
	Power		KW	3	5.5	5.5	7.5	11	15	18.5	22	30	37
Weight (Approximate)			Kg	2450	3550	5150	6450	9550	13600	19200	23200	26600	31600

Parameters change without notice.

Open-tilting Press
(Deep Throat Press With Fixde Bed)

Type		J23-16	J23-25	J23-40	J23-63	J23-80	J23-100	J23-125	J23-200	J23-250
Nominal Pressure	(KN)	160	250	400	630	800	1000	1250	2000	2500
Slider Stroke	(mm)	50	70	80	80	100	100	140	145	145
Slider Stroke Times	(times /min)	110	65	50	50	50	40	38	38	38
Max. Closing Height	(mm)	170	200	220	250	270	300	370	420	410
Closing Height Adjuster	(mm)	30	30	45	50	60	80	100	100	100
Distance Between Slipper Centre And Machine	(mm)	160	200	220	250	260	310	395	400	400
Work Bench Dimension	(mm)	320×460	350×520	390×630	420×650	470×750	570×860	740×1150	780×1250	780×1300
Size Of Die Handle Bore	(mm)	ϕ40×60	ϕ40×60	ϕ50×70	ϕ50×70	ϕ60×80	ϕ60×80	ϕ60×85	ϕ60×85	ϕ60×85
Work Bench Plate	(mm)	45	50	70	70	80	80	110	120	130
Slipper Underside Bore	(mm)	120×180	170×220	210×250	240×280	260×300	360×400	360×430	410×500	410×500
Motor Power	(kw)	1.5	3	4	5.5	5.5	7.5	11	15	15
Overall Dimension	(mm)	1130×830×1890	1120×860×2200	1600×1100×2250	1740×1100×2520	1765×1265×2650	1940×1490×2850	2350×1780×3600	2540×2010×3800	2740×2280×3850

Type		J21S-25	J21S-40	J21S-63	J21S-80	J21S-100	J21S-160
Nominal Pressure	(KN)	250	400	630	800	1000	1600
Slider Stroke	(mm)	70	80	80	100	100	160
Slider Stroke Times	(times /min)	70	50	50	50	40	50
Max. Closing Height	(mm)	200	220	250	270	300	500
Closing Height Adjuster	(mm)	30	40	50	60	80	110
Distance Between Slipper Centre And Machine	(mm)	710	710	710	800	800	950
Work Bench Dimension	(mm)	400×600	420×650	440×670	470×750	570×860	740×1300
Size Of Die Handle Bore	(mm)	ϕ40×60	ϕ50×70	ϕ50×70	ϕ60×80	ϕ60×80	ϕ65×90
Work Bench Plate	(mm)	50	70	70	80	80	110
Slipper Underside Bore	(mm)	170×220	210×250	240×280	260×300	360×400	800×1300
Motor Power	(kw)	3	4	5.5	5.5	7.5	15
Overall Dimension	(mm)	1620×800×1950	1730×1100×2300	1980×1100×2290	2260×1265×2450	2230×1490×2700	2200×1545×3530

Parameters change without notice.

4-column Hydraulic Press

Three beam four column structure

Computer optimized structural design, three beam four column structure, simple, economical, practical, surface quenching treatment, strengthen the strength of the worktable.

Features

With a three-beam and four-column structure,this type of press is designed economically and practically.The hydraulic system adopts advanced cartridge inserted valve integrated system which has large flow,low pollution,easy control,reliable performance.The independent electrical control system ensures the performance of system reliability and operability.The machine uses button centralized control,which can be operated in manual/semi-automatic model.The pressure of work and the scope of the stroke,in accordance with the provisions of demand within the scope of adjustment and the constant pressure complete and schedule two-way process.Meanwhile,there is time delay of press forming under fixed pressure.Working pressure and snoke cambe adjusted within a certain scope.


Mobile workbench


Servo motor


Air cooling device

Description / Specification			YTD32-40	YTD32-63	YTD32-100	YTD32-160	YTD32-200	YTD32-315	YTD32-400	YTD32-500	YTD32-630	YTD32-800	YTD32-1000	YTD32-1250	YTD32-1600
Rated pressure		KN	400	630	1000	1600	2000	3150	4000	5000	6300	8000	10000	12500	16000
Maximum pressure of liquid		MPa	25	25	25	25	25	25	25	25	25	25	25	25	25
knock-out pressure		KN	120	190	190	400	400	630	630	1000	1000	1600	1600	1600	2000
Stroke of slide		mm	450	500	600	700	700	800	800	900	900	900	900	900	900
Stroke of Knock-out		mm	150	200	200	200	250	300	300	350	350	350	350	400	400
Daylight		mm	750	750	880	1000	1100	1250	1250	1500	1500	1500	1500	1500	1500
Speed of slide	Descent	mm/s	160	180	120	100	100	100	100	100	80	80	80	80	80
	Pressing	mm/s	20-25	15-20	10-14	10-15	10-15	8-12	6-10	10-15	6-10	10-12	10-12	8-10	6-8
	Return	mm/s	120	100	120	70	70	60	55	70	60	70	70	55	40
Work table size	L-R	mm	500	580	720	1000	1000	1260	1240	1400	1500	1600	1600	1700	1600
	F-B	mm	460	500	580	800	900	1120	1200	1400	1500	1600	1600	1600	1600
Motor power		KW	5.5	7.5	7.5	11	15	22	22	2×22	2×22	2×30	2×30	2×37	2×37

Sample parameters are subject to change without prior notice!

Hydraulic Ironworkers

Parameter of multi-function hydraulic iron worker

Model	Punching Pressure (T)	Max.cutting thickness of steel plates (mm)	Plate strength (N/mm²)	Angle of Shear (°)	A trip size (T × W) (mm)		Slider trip (mm)	Trips frequency (times/min)	Throat depth (mm)	Punch depth (mm)	Max punching diameter (mm)	Main Motor Power (KW)	Overall dimensions (L × W × H) (mm)
Q35Y-12	35	12	≤450	7°	12×160	6×300	35	10-18	115	12	25	4	950×550×1800
Q35Y-16	60	16	≤450	7°	16×250	8×400	80	11-20	300	16	25	5.5	1740×810×1830
Q35Y-20	90	20	≤450	8°	20×330	10×480	80	12-20	355	20	30	7.5	1950×900×1950
Q35Y-25	120	25	≤450	8°	25×330	16×600	80	8-18	400	25	35	11	2355×960×2090
Q35Y-30	160	30	≤450	8°	30×335	20×600	80	6-16	600	28	38	15	2800×1050×2450
Q35Y-40	200	40	≤450	8°	40×335	30×600	100	6-16	530	35	40	18.5	2900×1100×2500
Q35Y-50	250	50	≤450	8°	50×300	30×750	100	6-12	600	40	45	18.5	3200×1440×2500

H-steel, channel steel need to be customized

Profile	Round Bar	Square Bar	Equal Angle		T-Bar		joist	Channel
			90° Shearing	45° Shearing	90° Shearing	45° Shearing		
Section View								
Q35Y-12	35	30×30	86×86×8					
Q35Y-16	45	40×40	120×120×12	50×50×5	125×125×12	60×60×8	120×74×5	120×53×5.5
Q35Y-20	50	50×50	140×140×12	70×70×10	140×140×12	70×70×10	160×88×6	160×63×6.5
Q35Y-25	60	50×50	160×160×14	60×60×6	160×160×14	80×80×10	200×102×9	200×75×9
Q35Y-30	65	55×55	180×180×16	80×80×8	180×180×16	80×80×10	280×124×10.5	280×86×11.5
Q35Y-40	70	60×60	200×200×18	80×80×10	200×200×18	100×100×10	300×130×13	300×89×11.5
Q35Y-50	80	65×65	200×200×18	100×100×10	200×200×18	120×120×12	320×130×13	320×92×12

Sample parameters are subject to change without prior notice!

Single Pipe-bending Machine

- Automatic identification of dynamic characteristics of machine tool/work piece-rapid and good processing;
- Return the core and boost with trolley--improve the appearance of corner piece.
- The Chinese operation prompts +15 inch true color display + touch screen-simple and clear operation.
- The graphical programming system: the processing procedure can be obtained upon the vertical tube painting system/modification on the screen-simple, convenient, rapid and accurate programming.
- Resilience measurement- the property of batches of pipes can be compared and measured.
- Single-step debugging function-the deformation process of pipes is observed closely during mould trial-manufacture.
- Automatic mould drawing-help significantly develop new products.
- Comprehensive monitoring: Hydraulic/electrical/drive system, motor phase loss/reversal, voltage,temperature, oil pressure automatic fault diagnosis, passwords, key, records of workincg hours/number for production management.
- Head of multi-mode bending machine can move around, it can automatically change moulds, and it has high efficiency and high accuracy.
- Apply to: furniture, auto spare parts (exhaust pipe, silencer)

Model		25CNC-3A-2S	38CNC-3A-2S	50CNC-3A-2S	63CNC-3A-2S	75CNC-3A-2S	89CNC-3A-2S
Min bending R for carbon pipe is:1.5D		Φ25.1x1.6t	Φ38.1x2.0t	Φ50.8x2.0t	Φ63.5x2.0t	Φ76.2x2.0t	Φ88.9x2.0t
Max feed distance		3000mm	3000mm	3000mm	3000mm	2800mm	3000mm
Feeding method		direct sending	direct sending	direct sending	direct sending	direct sending	direct sending
Max R for bending		300mm	300mm	300mm	300mm	300mm	300mm
Max angle for bending		185°	185°	185°	185°	185°	185°
Bending process for every pipe		16 bend	16 bend	16 bend	16 bend	16 bend	16 bend
Max bending group		500 group	500 group	500 group	500 group	500 group	500 group
Working Rate	Bending Rate	Max.45°/s	Max.45°/s	Max.40°/s	Max.35°/s	Max.30°/s	Max.25°/s
	Rotary Rate	Max.270°/s	Max.270°/s	Max.270°/s	Max.270°/s	Max.180°/s	Max.180°/s
	Feeding Rate	Max.900°/s	Max.900°/s	Max.900°/s	Max.900°/s	Max.700°/s	Max.700°/s
Working Accuracy	Bending Angle	±0.15°	±0.15°	±0.15°	±0.15°	±0.15°	±0.15°
	Rotary Angle	+0.1°	+0.1°	+0.1°	+0.1°	+0.1°	+0.1°
	Feeding Length	+0.1mm	+0.1mm	+0.1mm	+0.1mm	+0.1mm	+0.1mm
Data Input Method		Y.B.C	Y.B.C	Y.B.C	Y.B.C	Y.B.C	Y.B.C
Rotary Servo motor Power		400w	850w	850w	850w	850w	1300w
Feeding Servo motor Power		1.0kw	1.0kw	1.0kw	1.5kw	2kw	2kw
Electric Motor Powre		4kw	4kw	5.5kw	5.5kw	7.5kw	11kw
Weight		1100kg	2100kg	2400kg	2800kg	3800kg	4200kg
Size		280x70x130	400x110x130	430x100x150	450x100x150	520x120x140	560x120x160

Sample parameters are subject to change without prior notice!

PRESS BRAKE TOOLING