



**JS PLSON METALFORMING  
EQUIPMENT MANU. CO., LTD.**



- ◆ Shearing Machine
- ◆ Press Braking Machine
- ◆ Hydraulic Press
- ◆ Rolling Machine
- ◆ Level-Cutting Line

**JS PLSON METALFORMING EQUIPMENT MANU. CO., LTD.**

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**PLSON METALFORMING**





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EQUIPMENT MANU. CO., LTD.**

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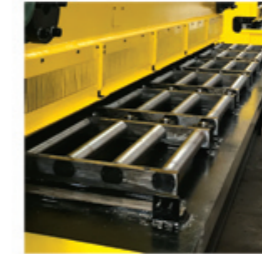
**QC11K Series  
NC Hydraulic Guillotine Shears**



**Local details**



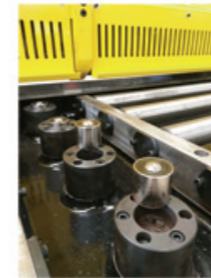
Hydraulic System



Rolling table



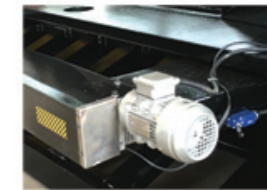
Electrical box/



6-10mm series  
like this charter



Pump: Sunny, USA



Back Stopper



All Blades  
material: Cr12MoV



Pneumatic back support device is optional



back side

**Performance:**

- ◆ Economical NC Estun E21S, back gauge programmed. Digital display back gauge size and cutting times and shearing angel.
- ◆ Adopts USA OMG hydraulic system, stable and reliable performance
- ◆ Seals adopts Japan VALQUA products
- ◆ Main Electricity adopts Germany Siemens products
- ◆ Motor adopts Siemens BEIDE company
- ◆ Pump used USA Sunny brand
- ◆ A set of standard Cr12MoV blades on machine

## QC11K Series NC Hydraulic Guillotine Shears

系列剪板机 ( 选配 ) 数控系统:  
Standard Configuration for Series shear

### DAC360 CNC DAC360 System



- ◆ Panel installation should
- ◆ Should high brightness LCD display screen
- ◆ After should block material control
- ◆ Concession control should
- ◆ Shearing Angle control should
- ◆ The shear clearance should control
- ◆ Should travel control shear
- ◆ Should the axis can be manual movement
- ◆ Pressure control should



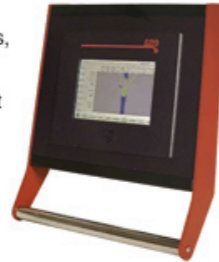
### DAC310 CNC DAC310 System

- ◆ High-definition LCD display, 275 x 48 pixel;
- ◆ Control of extruded-plate;
- ◆ Edge gap control;
- ◆ Shearing strokes control;
- ◆ Simultaneous display extruded-plate location and Programming Radio;
- ◆ Shearing count;
- ◆ 100-step procedures;
- ◆ Face-installation;
- ◆ Servo Control / Frequency Control /two speed AC motor control.

### ESA S525 CNC System



- ◆ high-definition 7 inch TFT screen
- ◆ Built in PLC
- ◆ can directly through the U disk backup parameters, mold, procedures
- ◆ upper dead center, variable speed, clamping point can be corrected
- ◆ Back file control
- ◆ Direct angle programming
- ◆ Fill in the form of programming and mold editing
- ◆ Table deformation compensation
- ◆ Huge memory space
- ◆ Mold library
- ◆ Servo control, frequency conversion control, AC AC motor, proportional servo valve



### ESA S630 CNC System

- ◆ All the performances of a high-level cnc in an economical and user-friendly controller.
- ◆ High-level graphic programming for easiness of use and sophisticated algorithms to make the most of your machine.
- ◆ Direct management of any kind of servo valves with no need of external amplifiers.
- ◆ Can Manage up to four axes in any combination, including Electrical press brakes and Tandem.

### TECHNICAL PARAMETERS:

Specification	Shearing Thickness mm	Shearing Wickness mm	Stroker Mm <sup>-1</sup>	Backgauge Rang mm	Shearing Angler ( ° )	Main power kw
QC11K-6 × 2500	6	2500	10	15-600	0.5-2.5°	7.5
QC11K-6 × 3200	6	3200	8	15-600	0.5-2.5°	7.5
QC11K-6 × 4000	6	4000	7	15-600	0.5-2.5°	7.5
QC11K-6 × 5000	6	5000	8	15-800	0.5-2°	15
QC11K-6 × 6000	6	6000	6	15-800	0.5-2°	15
QC11K-8 × 2500	8	2500	10	15-600	0.5-2.5°	11
QC11K-8 × 3200	8	3200	8	15-600	0.5-2.5°	11
QC11K-8 × 4000	8	4000	7	15-600	0.5-2.5°	11
QC11K-8 × 5000	8	5000	8	15-800	0.5-2°	15
QC11K-8 × 6000	8	6000	6	15-800	0.5-2.5°	22
QC11K-12 × 2500	12	2500	9	20-800	0.5-2.5°	18.5
QC11K-12 × 3200	12	3200	7	20-800	0.5-2.5°	18.5
QC11K-12 × 4000	12	4000	6	20-800	0.5-2.5°	18.5
QC11K-12 × 5000	12	5000	5	20-800	0.5-2.5°	18.5
QC11K-12 × 6000	12	6000	4	20-800	0.5-2.5°	30
QC11K-16 × 2500	16	2500	8	20-800	0.5-3°	22
QC11K-16 × 3200	16	3200	7	20-800	0.5-3°	30
QC11K-16 × 4000	16	4000	6	20-800	0.5-3°	30
QC11K-16 × 5000	16	5000	6	20-800	0.5-2.5°	30
QC11K-16 × 6000	16	6000	5	20-800	0.5-2.5°	37
QC11K-20 × 2500	20	2500	6	20-1000	0.5-3°	30
QC11K-20 × 3200	20	3200	5	20-1000	0.5-3°	30
QC11K-20 × 4000	20	4000	6	20-1000	0.5-3°	30
QC11K-20 × 5000	20	5000	5	20-1000	0.5-2.5°	37
QC11K-20 × 6000	20	6000	5	20-1000	0.5-2.5°	45
QC11K-25 × 2500	25	2500	5	20-1000	0.5-3.5°	37
QC11K-25 × 3200	25	3200	4	20-1000	0.5-3.5°	37
QC11K-25 × 4000	25	4000	3	20-1000	0.5-3.5°	37
QC11K-32 × 2500	32	2500	4	20-1000	0.5-3.5°	55
QC11K-32 × 3200	32	3200	3	20-1000	0.5-3.5°	55
QC11K-40 × 2500	40	2500	3	20-1000	0.5-4°	75
QC11K-40 × 3200	40	3200	3	20-1000	0.5-4°	75

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



## QC12K Series NC Hydraulic Swing Beam Shears



### Local details



Siemens Electrical from French



TAIWAN Ball screw+Liner guide



1M Turn checking Safety System



.Lighting protection from omron



Fast blade gap adjustment device



Schneider Limit switch

#### Performance:

- ◆ Economical NC Estun E21S, back gauge programmed. Digital display back gauge size and cutting times and shearing angel.
- ◆ Adopts USA OMG hydraulic system, stable and reliable performance
- ◆ Seals adopts Japan VALQUA products
- ◆ Main Electricity adopts Germany Siemens products
- ◆ Motor adopts Siemens BEIDE company
- ◆ Pump used USA Sunny brand
- ◆ A set of standard Cr12MoV blades on machine





## CNC HGS/QC12K Series CNC Hydraulic Guillotine Shearing



**TECHNICAL PARAMETERS:**

Specification	Shearing Thickness mm	Shearing Wickness mm	Shearing Angle ( ° )	Number of Stroke min'	Backgauge Rang mm	Main power kw
QC12K-4X2000	4	2000	1° 30'	20	20-600	4
QC12K-4X2500	4	2500	1° 30'	20	20-600	4
QC12K-4X3200	4	3200	1° 30'	18	20-600	5.5
QC12K-4X4000	4	4000	1° 30'	16	20-600	5.5
QC12K-4X5000	4	5000	1° 30'	14	20-600	7.5
QC12K-6X2000	6	2000	1° 30'	20	20-600	7.5
QC12K-6X2500	6	2500	1° 30'	18	20-600	7.5
QC12K-6X3200	6	3200	1° 30'	14	20-600	7.5
QC12K-6X4000	6	4000	1° 30'	14	20-600	7.5
QC12K-6X5000	6	5000	1° 30'	8	20-600	11
QC12K-6X6000	6	6000	1° 30'	10	20-600	11
QC12K-8X2500	8	2500	1° 30'	12	20-600	11
QC12K-8X3200	8	3200	1° 30'	10	20-600	11
QC12K-8X4000	8	4000	1° 30'	8	20-600	11
QC12K-8X6000	8	6000	1° 30'	10	20-600	22
QC12K-10X2500	10	2500	1° 30'	10	20-600	15
QC12K-10X3200	10	3200	1° 30'	10	20-600	15
QC12K-12X2500	12	2500	1° 30'	8	20-800	18.5
QC12K-12X3200	12	3200	1° 30'	10	20-800	18.5
QC12K-12X4000	12	4000	1° 30'	10	20-800	18.5
QC12K-12X5000	12	5000	1° 30'	8	20-800	22
QC12K-16X2500	16	2500	2°	8	20-800	22
QC12K-16X3200	16	3200	2°	8	20-800	22
QC12K-16X4000	16	4000	2°	6	20-800	22
QC12K-20X2500	20	2500	2° 30'	5	20-800	30
QC12K-20X3200	20	3200	2° 30'	5	20-800	37
QC12K-25X2500	25	2500	3° 12'	5	20-800	45
QC12K-25X3200	25	3200	3°	5	20-800	45

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

**Performance:**

- ◆ High performance CNC Hydraulic Guillotine Shears.
- ◆ Structure of machine: Guillotine.
- ◆ Holistic welding structure treated by annealing.
- ◆ Back gauge stroke, shearing angle, blade clearance and shearing stroke are controlled by.
- ◆ Holland DELEM DAC360 CNC system automatically.
- ◆ Back gauge is driven by Servo Motor and ball screw and liner guide work for back gauge.



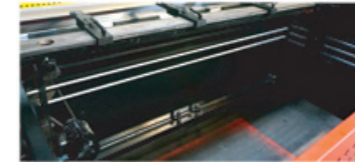
**WC67K Series  
NC Hydraulic Press Brake**



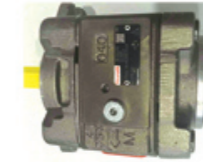
**Local details**



Motor: Siemens Beide



Backgauge installed with ball screw and linear guide rail,ensuring high accuracy of repetition



Hydraulic pump



Hydraulic System: Germany Rexroth or USA



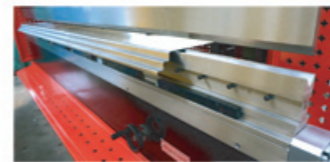
KACON Foot Switch



Side Safety Guard for Optional



Integrated Electrics Cabinet



Mechanical crowning compensation for worktable (Optional )



Quick change clamp(Optional)

**Estun E21 NC control system**

- ◆ Backgauge and block control
- ◆ Control for general AC motors.frequency inverter
- ◆ Holding/decompression time setting
- ◆ Program memory of up to 40 programs up to 25 steps per program
- ◆ One side positioning
- ◆ Retract function
- ◆ One key backup/restore of parameters
- ◆ mm/Inch
- ◆ Chinese/English

**Performance:**

- ◆ The entire machine is in fully steel welded structure, with stress eliminated by vibration aging technology, typical of excellent rigidity and stability.
- ◆ Hydraulic Up Drive , imported seals to insure reliability.
- ◆ Adopts OMG USA or Germany Bosch Rexroth hydraulic system, stable and reliable performance.
- ◆ NC system: special economical NC system ESTUN E21, frequency converter control back gauge block. single step and multi-step programmed, achieve 40 tired program, each program can be set step 25 steps, English display interface.
- ◆ Stabilizes left and right balance under of the Torsion Bar
- ◆ Back gauge with ball screw, liner guide is optional
- ◆ A set of standard tools is provided with each machine





## WC67K Series CNC Hydraulic Press Brake

TECHNICAL PARAMETERS:

Specification	Nominal pressure kN	Length of Working table mm	Distance between uprights mm	Ram stroke mm	Throat depths mm	Main power kW
WC67K-40/2000	400	2000	1590	100	200	5.5
WC67K-40/2200	400	2200	1590	100	200	5.5
WC67K-40/2500	400	2500	2090	100	200	5.5
WC67K-50/2500	500	2500	1901	120	250	5.5
WC67K-50/3200	500	3200	2600	120	250	5.5
WC67K-63/2500	630	2500	2050	100	250	5.5
WC67K-63/3200	630	3200	2600	100	250	5.5
WC67K-80/3200	800	3200	2600	120	320	7.5
WC67K-80/4000	800	4000	3200	120	320	7.5
WC67K-100/2500	1000	2500	1900	120	320	7.5
WC67K-100/3200	1000	3200	2600	120	320	7.5
WC67K-100/4000	1000	4000	3200	120	320	7.5
WC67K-100/5000	1000	5000	4000	120	320	7.5
WC67K-125/2500	1250	2500	2050	120	320	7.5
WC67K-125/3200	1250	3200	2600	120	320	7.5
WC67K-125/4000	1250	4000	3200	120	320	7.5
WC67K-125/5000	1250	5000	4000	120	320	7.5
WC67K-160/3200	1600	3200	2600	200	320	11
WC67K-160/4000	1600	4000	3200	200	320	11
WC67K-160/5000	1600	5000	4000	200	320	11
WC67K-160/6000	1600	6000	4800	200	320	11
WC67K-200/3200	2000	3200	2600	200	320	15
WC67K-200/4000	2000	4000	3200	200	320	15
WC67K-200/5000	2000	5000	4000	200	320	15
WC67K-200/6000	2000	6000	4800	200	320	15
WC67K-250/3200	2500	3200	2600	200	400	18.5
WC67K-250/4000	2500	4000	3200	250	400	18.5
WC67K-250/5000	2500	5000	4000	250	400	18.5
WC67K-250/6000	2500	6000	4800	250	400	18.5
WC67K-300/3200	3000	3200	2600	250	400	22
WC67K-300/4000	3000	4000	3200	250	400	22
WC67K-300/5000	3000	5000	4000	250	400	22
WC67K-300/6000	3000	6000	4800	250	400	22
WC67K-400/4000	4000	4000	3200	320	400	22
WC67K-400/5000	4000	5000	4000	320	400	22
WC67K-400/6000	4000	6000	4800	320	400	22
WC67K-500/6000	5000	6000	4800	320	400	37
WC67K-600/7000	6000	7000	5600	320	400	37
WC67K-700/7000	7000	7000	5600	320	400	45
WC67K-800/6000	8000	6000	4800	400	500	55
WC67K-1000/6000	10000	6000	4800	400	600	75

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## WE67K Series CNC Electro-Hydraulic Press Brake

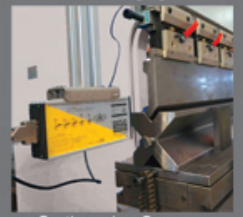


**Performance:**

- ◆ High configuration, high precision, high efficiency of CNC hydraulic bending equipment;
- ◆ Standard for CNC 3 + 1 shaft - Y1 (up and down the left cylinder), Y2 cylinder (right), X (before and behind), V (workbench deflection compensation) according to user requirements, increased to 4 + 1 shaft, 5, 6 + 1 + 1 shaft axis, 8 + 1 or more;
- ◆ Standards of CNC system is the HOLLAND DELEM company designed for production of bending machine, user optional configuration DA56S, DA66T ETC
- ◆ Standard equipped with worktable deflection compensation assembly, automatic control deflection compensation by CNC system;
- ◆ Key hydraulic, electrical components for the international famous brand products;
- ◆ Standard Backboard with precision ball screw and linear guide.



X, R axis Back gauge



Grating ruler: Germany HEIDENHAIN



**JS PLSON METALFORMING  
EQUIPMENT MANU. CO., LTD.**

**Local details**

Sealing rings: Germany PARKER / Japan NOK

Servo Motor—Estun or TaiWan

Main motor: Germany Siemens

Hydraulic pump

Electric-hydraulic proportion servo valve: Germany BOSCH REXROTH

Electric-hydraulic proportion servo valve: Germany BOSCH REXROTH

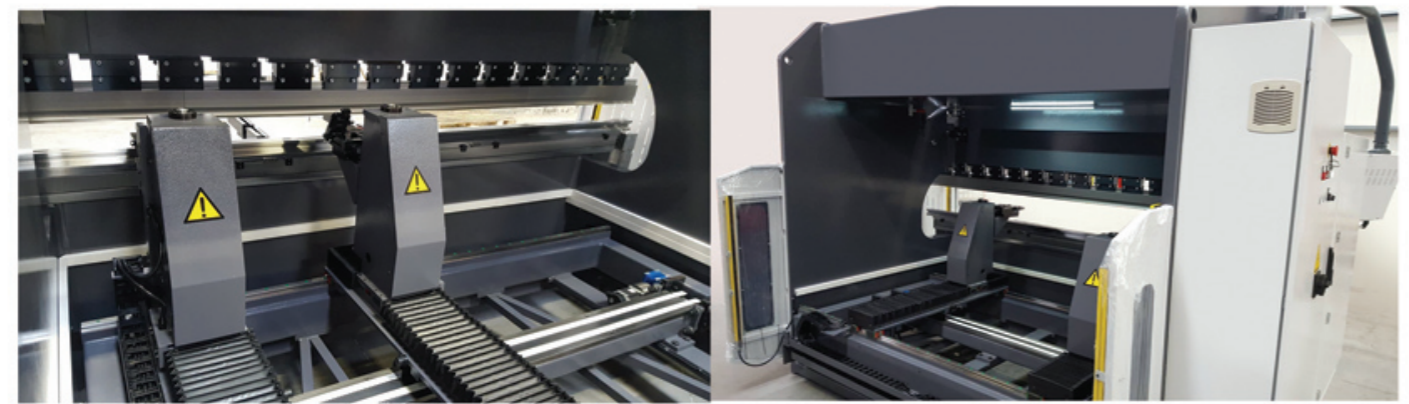
- ◆ 2D graphical programming
- ◆ 3D visualization in production mode
- ◆ 10.4" TFT color display
- ◆ Standard Windows suite
- ◆ Integrated OEM-panel
- ◆ USB keyboard & mouse interface
- ◆ User specific application support within the controller's multitasking environment
- ◆ Sensor bending & correction interface

DA66T SYSTEM

Front supporter

Laser protection (optional)

Grating ruler: Germany HEIDENHAIN



**CNC SYSTEM(OPTIONAL):**

	DA52S	DA56S	DA58S	DA66T	DA69T
<b>DELEM</b>					
	DNC 600S	ModEva RA Premium	CybTouch 12 PS	CybTouch 8PS	
<b>CYBELEC</b>					
	ESA S550	ESA S540	ESA S630		
<b>ESA</b>					

**TECHNICAL PARAMETERS:**

Specification	Nominal pressure kN	Length of Working table mm	Distance between uprights mm	Ram stroke mm	Throat depths mm	Main power kW
WE67K-63/2500	630	2500	2060	200	300	7.5
WE67K-63/3200	630	3200	2600	200	300	7.5
WE67K-100/3200	1000	3200	2600	200	320	11
WE67K-100/4000	1000	4000	3200	200	320	11
WE67K-160/3200	1600	3200	2600	200	320	15
WE67K-160/4000	1600	4000	3200	200	320	15
WE67K-160/6000	1600	6000	4800	200	320	15
WE67K-250/3200	2500	3200	2600	250	400	18.5
WE67K-250/4000	2500	4000	3200	250	400	18.5
WE67K-250/6000	2500	6000	4800	250	400	18.5
WE67K-300/3200	3000	3200	2600	250	400	22
WE67K-300/4000	3000	4000	3200	250	400	22
WE67K-300/6000	3000	6000	4800	250	400	22
WE67K-400/4000	4000	4000	3200	320	400	30
WE67K-400/6000	4000	6000	4800	320	400	30
WE67K-500/6000	5000	6000	4800	320	400	37
WE67K-500/7000	5000	7000	5600	320	400	37
WE67K-600/6000	6000	6000	4800	320	400	45
WE67K-800/6000	8000	6000	4800	400	500	45
WE67K-800/8000	8000	8000	6100	400	500	75
WE67K-1000/6000	10000	6000	4800	400	600	37X2
WE67K-1000/8000	10000	8000	6100	400	600	45X2
WE67K-1200/6000	12000	6000	4800	400	600	45X2
WE67K-1200/8000	12000	8000	6100	400	600	45X2
WE67K-1600/6000	16000	6000	4800	400	600	55X2
WE67K-1600/8000	16000	8000	6100	400	600	55X2
WE67K-2000/6000	20000	6000	4800	400	600	75X2

## W12 Series Hydraulic CNC 4 Rolling Machine



**TECHNICAL PARAMETERS:**

Model	Max.rolling thickness (mm)	Max.pre-rolling thickness (mm)	Plate width (mm)	Diameter of upper roller (mm)	Main motor power (kw)
W12NC-10 × 2000	10	9	2000	240	7.5
W12NC-12 × 2500	12	11	2500	280	11
W12NC-16 × 2500	16	13	2500	310	15
W12NC-20 × 2000	20	16	2000	300	15
W12NC-20 × 2500	20	18	2500	360	22
W12NC-25 × 2000	25	20	2000	350	22
W12NC-25 × 2500	25	20	2500	400	37
W12NC-30 × 2000	30	25	2000	300	37
W12NC-30 × 2500	30	25	2500	400	37
W12NC-30 × 3000	30	25	3000	470	45
W12NC-40 × 3000	40	32	3000	550	55
W12NC-50 × 3000	50	40	3000	610	55
W12NC-60 × 3000	60	50	3000	670	75
W12NC-70 × 3000	70	60	3000	730	75
W12NC-80 × 3000	80	65	3000	780	90
W12NC-90 × 3000	90	75	3000	820	90
W12NC-100 × 3000	100	80	3000	880	110

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

**Main Equipments:**

- Suitable in rolling the plate into entire tube or the circular arc as well as certain scope cone.
- You can finish all the work at a time,including pre-bending,rolling and so on
- The upper roller is leading roller,driven by hydraulic motor,which leads the decelerating device,provides the torque requide.
- The lower roller may make the vertical movement, impeled through the hydraulic piston, to be advantageous for the clamp plate.
- The two side rollers can work separately,promoting efficiency.
- PLC control,overload protect.
- Tip over device makes the unloading of workpiece easily.
- Movable controlling table is easy for operation.
- Welded structure is stress relief.
- All working roller are made by fine steel forging,by heat treatment and hardening processing.
- Security meet the requirement by CE.



## W11S Series upper roller universal bending machine



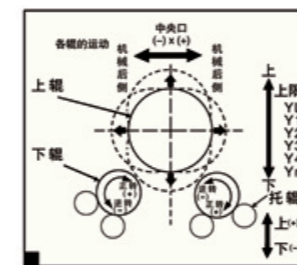
TECHNICAL PARAMETERS:

Model	Pressure on the upper roller (Tons)	Diameter of upper roller (mm)	Diameter of lower roller (mm)	Central distance (mm)	Motor		
					驱动用 Driving	油压用 Hydraulic	移动用 Shift
W11S-12 × 2000	65	250	145	200	5.5	4	0.75
W11S-16 × 2000	75	255	150	245	7.5	4	1.1
W11S-16 × 2500	100	300	165	270	15	5.5	1.5
W11S-20 × 2000	100	290	160	270	15	5.5	1.5
W11S-20 × 2500	130	330	180	300	18.5	5.5	2.2
W11S-20 × 3000	160	375	200	330	18.5	7.5	2.2
W11S-25 × 2500	190	380	220	360	22	7.5	4
W11S-25 × 3000	230	410	235	380	30	11	4
W11S-25 × 3500	230	440	235	380	30	11	4
W11S-30 × 2500	230	410	235	380	30	11	4
W11S-30 × 3000	270	450	250	400	30	11	4
W11S-30 × 3500	320	480	260	420	37	15	5.5
W11S-40 × 2500	380	500	275	460	45	22	5.5
W11S-40 × 3200	430	540	290	500	55	22	7.5
W11S-40 × 3500	540	580	330	610	55	22	11
W11S-50 × 2500	540	580	340	610	55	22	11
W11S-50 × 3000	540	620	360	650	55	22	11
W11S-60 × 3000	690	650	380	700	75	30	15
W11S-60 × 3500	850	700	420	780	75	37	15
W11S-70 × 3000	850	710	420	780	75	37	15
W11S-80 × 3000	1050	760	460	880	90	37	18.5
W11S-90 × 3000	1150	800	480	920	110	45	18.5
W11S-100 × 3000	1350	850	480	920	110	45	22
W11S-120 × 3000	1800	900	580	1120	132	55	37
W11S-150 × 3000	2300	1050	660	1280	150	75	45
W11S-160 × 3000	2500	1080	700	1360	150	75	45
W11S-180 × 3000	2800	1120	720	1380	180	90	45
W11S-200 × 3000	3300	1150	760	1420	220	90	55

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**Main Equipments:**

This machine is three roller rolling machine, used for rolling the steel panel be round.  
 Upper can vertical and leveling moving.  
 Pre-bending be adjusted by upper roller. it realizing this action by adjust upper roller be Asymmetric position with downside roller  
 Rolling by motor and retarder driving two downside rollers  
 Because downside roller height is fixed, so it easy feeding and operating.



Working principle



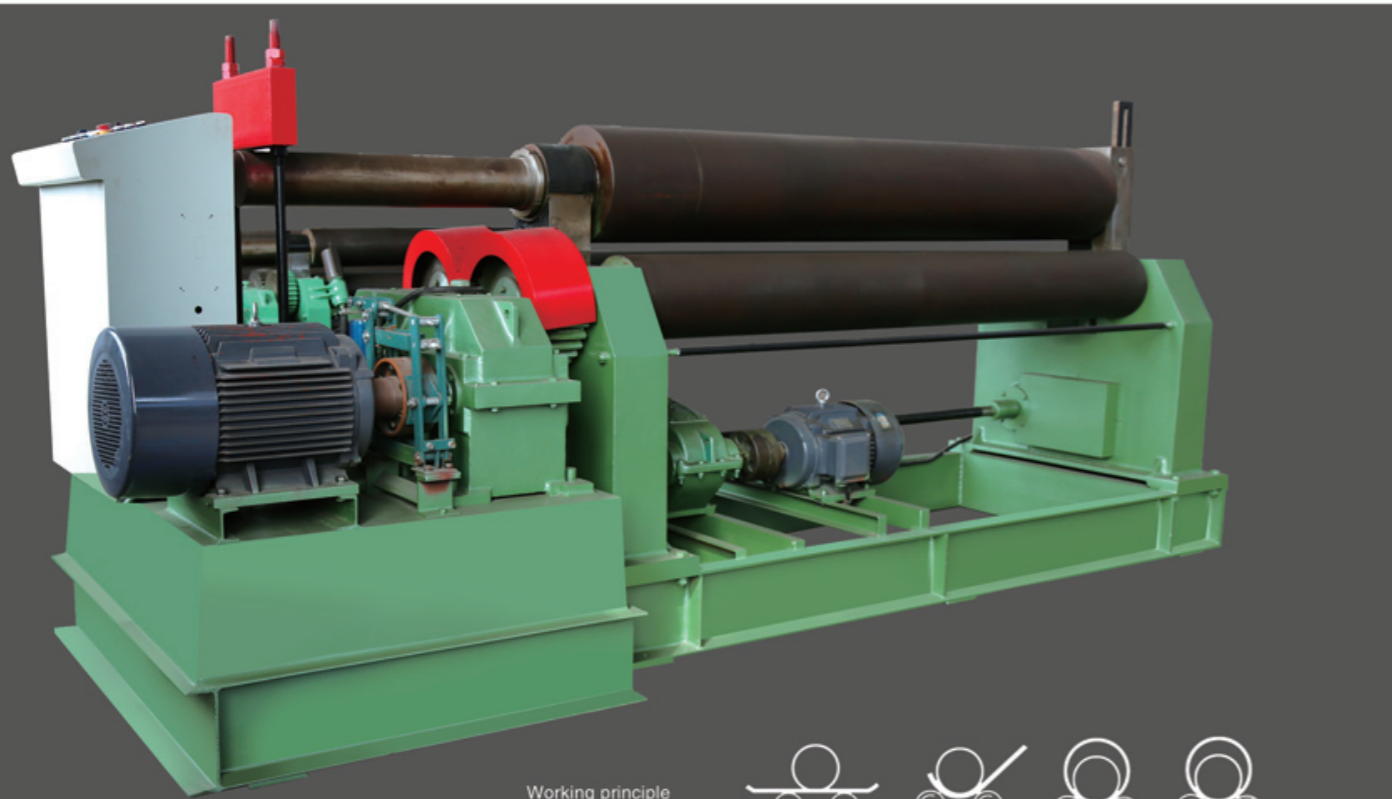
Electrical cabinet



Cone device needs to be ordered separately (Optional)

# W11 Series

## 3-roller symmetrical bending machine



Working principle



Hydraulic turn



Cone device needs to be ordered separately (Optional)

### Introduce

The mechanical symmetrical 3-roll rolling machine has 3 symmetrically arranged rolls and the upper roll is located at center of two lower rolls. A worm and gear drive and a screw rod and screw auxiliary drive are used to drive rolls to move vertically. The gear on main speed reducer is used to mesh the gears of both lower rolls for rotation so as to provide torque for rolling plate. Metal plate is located among three working rolls (two lower rolls and one upper roll) and subsequently continuously bent under pressure of upper roll and rotation of lower rolls to generate permanent plastic deformation on plate so as to roll the plate to required shape such as cylinder, taper cylinder or arc. The disadvantage of mechanical symmetrical 3-roll rolling machine is the end of plate can not be bent preliminarily.

### TECHNICAL PARAMETERS

规格型号 Specification	最大卷板厚度 Max Thickness of Coiled Plate mm	最大卷板宽度 Max Width of Coiled Plate mm	卷板速度 Coiling Speed m/min	满载最小卷板直径 Min Full Loading Diameter of Coiled Plate mm	上辊直径 Diameter of Top shaft mm	下辊直径 Diameter of Bottom shaft mm	主电机功率 Motor Power Kw	两下辊中心距 Central Distance between Bottom Shafts mm
W11-6X2000	6	2000	4.5	450	170	152	4	240
W11-8X2000	8	2000	4.5	450	180	170	4	260
W11-12X2000	12	2000	4.5	600	240	180	7.5	280
W11-12X2500	12	2500	4.5	650	260	220	7.5	320
W11-16X2000	16	2000	4.5	650	260	220	7.5	320
W11-16X2500	16	2500	4.5	700	280	240	11	360
W11-20X2000	20	2000	4.5	700	280	240	11	360
W11-20X2500	20	2500	4	850	330	260	15	440
W11-20X3000	20	3000	4	950	370	270	18.5	440
W11-25X2500	25	2500	4	950	370	300	22	480
W11-30X2500	30	2500	4	1100	420	360	30	550
W11-30X3000	30	3000	4	1200	450	390	30	600
W11-40X2500	40	2500	4	1200	500	400	37	600
W11-40X3000	40	3000	4	1100	530	430	45	630
W11-50X2500	50	2500	4	1100	540	440	45	630
W11-50X3000	50	3000	4	1200	560	460	55	700
W11-60X3000	60	3000	4	1300	620	520	75	800

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# Y32 Series

## Four columns hydraulic press



**Main characteristics:**

- Computer optimized design,3-beam & 4-column structure,easy ,utility
- Cartridge valves widely used for hydraulic system, reliable, durable and less hydraulic impact
- Independent electrical control system, reliable, audio-visual and convenient for maintenance
- Button centralized control:adjusting,semi-auto
- Operation panel:constant stroke & pressure,with pressure holding and time delay functions.
- Stroke and pressure is adjustable according practical use.

>> 主要技术参数 Main Parameters

参数名称 Parameter	单位 Unit	型号 Model																	
		Y32-40	Y32-63	Y32-100	Y32-100A	Y32-160	Y32-160B	Y32-200	Y32-315	Y32-400	Y32-500	Y32-500C	Y32-630	Y32-800	Y32-1000	Y32-1250	Y32-1600	Y32-2000	
公称力 Rated pressure	KN	400	630	1000	1000	1600	1600	2000	3150	4000	5000	5000	6300	8000	10000	12500	16000	20000	
顶出力 Knock-out pressure	KN	120	190	190	190	400	400	400	630	630	1000	1000	1000	1600	2000	2000	2000	3200	
液体最大压力 Max.hydraulic pressure	Mpa	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	26	
滑块最大行程 Stroke of slide	mm	350	450	600	600	700	700	700	800	800	900	900	900	1000	1000	1000	1000	1300	
顶出活塞最大行程 Stroke of knock-out cylinder	mm	150	200	200	200	200	200	250	300	300	350	350	350	400	400	400	400	500	
滑块下平面至工作台面最大距离 Distance between down-flat of slide and worktable	mm	700	750	880	880	900	1000	1100	1250	1250	1500	1500	1600	1600	1600	1600	1600	1800	
滑块速度 Speed of slide	空载下行 Empty descending	mm/s	20	20	22	120	100	100	100	100	100	100	100	100	100	150	150	200	
	工作 Pressing	mm/s	14	14	14	14	12	12	8	6-8	5-7	5	6	10	8	10	6-10	6-10	4-9
	回程 Return	mm/s	45	120	47	120	70	70	52	60	45	70	70	60	70	60	50	40	70
工作台有效尺寸 Effective area of table	左右 L-R	mm	500	560	720	720	780	1000	1000	1260	1240	1400	2400	1500	1500	1600	1700	2000	3200
	前后 F-B	mm	460	500	580	580	640	800	900	1200	1200	1400	1400	1500	1500	1600	1600	1600	2200
机器外形尺寸 Overall dimensions of machine	左右 L-R	mm	2000	2400	2500	2500	2700	2700	3100	3235	3235	4060	6500	4200	4800	5250	5250	5800	4500
	前后 F-B	mm	1300	1400	1500	1500	1700	1700	1800	2060	2200	3520	3800	4200	4000	3800	3800	4000	3200
	地面以上高 Height above ground	mm	2600	3100	2950	3150	3400	3400	3500	4295	4500	4995	4740	5600	6000	6800	7000	6200	7200
电机功率 Motor power	KW	5.5	7.5	7.5	7.5	11	11	18.5	18.5	22	2x18.5	2x22	2x22	4x18.5	4x18.5	4x22	4x22	4x22	

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# Y27 Series

## Four columns hydraulic press



**Main characteristics:**

- ◆ Computer optimized structure design; four-column structure: simple, economic and practical.
- ◆ Cartridge valve equipped for hydraulic control system, reliable, durable and less hydraulic shock, shorter connection pipeline and fewer release points, Hydraulic integrated system is adopted separate control unit.
- ◆ Independent electrical control, reliable, and convenient for maintenance.
- ◆ Centralized button control system, with adjustment, hand and semi-auto operation modes at operator's choice (semi-automatic has two type set-stroke single and set-pressure single).
- ◆ The operating force, no-load traveling and, low-speed movement and travel range can be adjusted subject to technological requirements.

>> 主要技术参数 Main Parameters

序号 Numbers	参数名称 Parameter	单位 Unit	Y27 四柱式 系列单动薄板拉伸液压机 技术参数							
			Y27-63	Y27-100	Y27-160	Y27-200	Y27-315	Y27-400	Y27-500	
1	公称力 Rated pressure	KN	630	1000	1600	2000	3150	4000	5000	
2	液体最大工作压力 Max. working hydraulic pressure	Mpa	25	25	25	25	25	25	25	
3	滑块最大行程 Stroke of slide	mm	500	600	700	700	800	800	900	
4	液压垫压力 Knock-out pressure	Mpa	190	400	400	630	1000	1000	1600	
5	液压垫最大行程 Stroke of Cushion	mm	200	200	250	250	300	300	350	
6	开口高度 Daylight	mm	1000	1000	1000	1100	1250	1250	1500	
7	滑块速度 Speed of slide	空载下行 Empty descending	mm/s	150~180	150~180	100	100	100	100	100
		工作 Pressing	mm/s	20~25	10~14	10~15	12~18	8~12	6~10	10~15
		回程 Return	mm/s	100	120	70	70	60	55	70
8	工作台有效尺寸 Effective area of table	左右 L-R	mm	580	720	960	920	1150	1400	1400
		前后 F-B	mm	500	580	800	900	1200	1400	1400
9	液压垫尺寸 Overall dimensions of machine	左右 L-R	mm	380	450	600	760	900	1000	1100
		前后 F-B	mm	380	450	600	660	700	1000	1000
10	电机功率 Motor power	kW	7.5	7.5	11	15	22	22	2×22	

序号 Numbers	参数名称 Parameter	单位 Unit	Y27 四柱式 系列单动薄板拉伸液压机 技术参数							
			Y27-630	Y27-630A	Y27-800	Y27-800A	Y27-1000	Y27-1250	Y27-1600	
1	公称力 Rated pressure	KN	6300	6300	8000	8000	10000	12500	16000	
2	液体最大工作压力 Max. working hydraulic pressure	Mpa	25	25	25	25	25	25	25	
3	滑块最大行程 Stroke of slide	mm	900	900	900	1000	1000	1200	1200	
4	液压垫压力 Knock-out pressure	Mpa	2000	2500	2500	3000	3000	4000	4000	
5	液压垫最大行程 Stroke of Cushion	mm	350	350	350	350	400	400	400	
6	开口高度 Daylight	mm	1500	1500	1600	1800	1800	1800	1800	
7	滑块速度 Speed of slide	空载下行 Empty descending	mm/s	100	150~200	150~200	150~200	150~200	150~200	150~200
		工作 Pressing	mm/s	8~12	10~15	10~15	10~15	10~15	15~20	10~20
		回程 Return	mm/s	60	60	70	120	100	100	120
8	工作台有效尺寸 Effective area of table	左右 L-R	mm	1500	2800	1700	3600	3000	3800	3500
		前后 F-B	mm	1500	1600	1500	2400	2000	2200	2200
9	液压垫尺寸 Overall dimensions of machine	左右 L-R	mm	1000	2050	1250	2920	2350	3100	2800
		前后 F-B	mm	850	1000	1000	1720	1450	1600	1600
10	电机功率 Motor power	kW	2×22	2×22	30×2	30×2	30×2	3×37	3×37	

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# Y27 Series

## Servo driven hydraulic press



**Main characteristics:**

- ◆ Computer optimized structure design; four-column structure: simple, economic and practical.
- ◆ Cartridge valve equipped for hydraulic control system, reliable, durable and less hydraulic shock, shorter connection pipeline and fewer release points,Hydraulic integrated system is adopted separate control unit.
- ◆ Independent electrical control, reliable, and convenient for maintenance.
- ◆ Centralized button control system,with adjustment,hand and semi-auto operateion modes at operator's choice (semi-automatic has two type set-stroke single and set-pressure single).
- ◆ The operating force, no-load traveling and, low-speed movement and travel range can be adjusted subject to echnological requirements.

>> 主要技术参数 Main Parameters

序号 Numbers	参数名称 Parameter	单位 Unit	Y27 系列单动薄板拉伸液压机							
			Y27-315	Y27-400	Y27-500	Y27-500A	Y27-630	Y27-800	Y27-800A	
1	公称力 Rated pressure	KN	3150	4000	5000	5000	6300	8000	8000	
2	液体最大工作压力 Max.workong hydraulic pressure	KN	25	25	25	25	25	25	25	
3	滑块最大行程 Stroke of slide	mm	800	800	900	1000	900	1000	1200	
4	液压垫压力 Knock-out pressure	Mpa	1600	1000	2000	2500	2500	3000	3500	
5	液压垫最大行程 Stoke of Cudhion	mm	300	300	300	350	350	350	400	
6	开口高度 Daylight	mm	1250	1250	1500	1600	1500	1600	1800	
7	滑块速度 Speed of slide	空载下行 Empty descending	mm/s	100	100	100	150~200	150~200	100	150~200
		工作 Pressing	mm/s	8~12	6~10	10~15	10~15	10~15	10~15	10~15
		回程 Return	mm/s	60	55	70	100	100	70	120
8	工作台有效尺寸 Effective area of table	左右 L-R	mm	2600	1600	2400	4000	3000	3600	4500
		前后 F-B	mm	1500	1200	1400	2200	1500	2400	2500
9	液压垫尺寸 Overall dimensions of machine	左右 L-R	mm	2000	1200	1900	3300	2200	2900	3800
		前后 F-B	mm	950	800	1000	1500	1000	1750	1750
10	电机功率 Motor power	kW	22	22	2x22	2x30	2x30	2x30	3x30	

序号 Numbers	参数名称 Parameter	单位 Unit	Y27 系列单动薄板拉伸液压机							
			Y27-1000	Y27-1000A	Y27-1250	Y27-1250A	Y27-1600	Y27-1800	Y27-2400	
1	公称力 Rated pressure	KN	10000	10000	12500	12500	16000	18000	24000	
2	液体最大工作压力 Max.workong hydraulic pressure	KN	25	25	25	25	25	25	25	
3	滑块最大行程 Stroke of slide	mm	1000	1200	1200	1200	1400	1500	1500	
4	液压垫压力 Knock-out pressure	Mpa	4000	4000	5000	5000	5000	5500	6000	
5	液压垫最大行程 Stoke of Cudhion	mm	350	400	400	400	400	450	550	
6	开口高度 Daylight	mm	1600	1700	1800	2000	2000	2000	1900	
7	滑块速度 Speed of slide	空载下行 Empty descending	mm/s	150~200	150~200	150~200	150~200	150~200	150~200	250~300
		工作 Pressing	mm/s	15~20	15~20	15~20	15~20	10~12	25~35	15~25
		回程 Return	mm/s	100	100	100	100	120	250	250
8	工作台有效尺寸 Effective area of table	左右 L-R	mm	3000	4000	4500	5000	4500	5000	5000
		前后 F-B	mm	2000	2200	2500	2500	2300	2800	2500
9	液压垫尺寸 Overall dimensions of machine	左右 L-R	mm	2300	3300	3700	4200	3700	4150	4000
		前后 F-B	mm	1250	1500	1800	1800	1600	2050	1800
10	电机功率 Motor power	kW	4x30	4x30	4x37	4x37	4x55	6x55	6x75	

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# Y41 Series

## YC-frame hydraulic press



**Main characteristics:**

- ◆ Computer optimized structure design; four-column structure: simple, economic and practical.
- ◆ Cartridge valve equipped for hydraulic control system, reliable, durable and less hydraulic shock, shorter connection pipeline and fewer release points,Hydraulic integrated system is adopted separate control unit.
- ◆ Independent electrical control, reliable, and convenient for maintenance.
- ◆ Centralized button control system,with adjustment,hand and semi-auto operateion modes at operator's choice (semi-automatic has two type set-stroke single and set-pressure single).
- ◆ The operating force, no-load traveling and, low-speed movement and travel range can be adjusted subject to echnological requirements.

>> 主要技术参数 Main Parameters

技术参数 Specifications	单位 Unit	型号 Model														
		Y30 -6.3	Y30 -10	Y30 -16	Y30 -25	Y30 -40	Y30 -63	Y30 -100	Y30 -160	Y30 -200	Y30 -315	Y30 -400	Y30 -500	Y30 -630	Y30 -800	
公称力 Rated pressure	KN	63	100	160	250	400	630	1000	1600	2000	3150	4000	5000	6300	8000	
液体最大压力 Max.hydraulic pressure	Mpa	8	12.5	20	16	25	25	25	25	25	25	25	25	25	25	
滑块最大行程 Stoke of slide	mm	250	250	400	400	400	500	600	700	700	800	800	900	900	900	
开口高度 Daylight	mm	400	400	500	630	630	750	800	900	1000	1100	1250	1300	1500	1500	
喉深 Throat depth	mm	200	200	250	350	350	320	400	420	450	460	600	1000	1500	1500	
滑块形成速度 Speed of slide	空载下行 Empty descending	mm/s			80	80	120	100	80	80	80	80	80	80	80	
	工作 Pressing	mm/s	18~20	18~20	18~20	18~20	18~20	15~20	10~12	10~15	8~10	8~10	10~15	6~10	5~8	
	回程 Return	mm/s	55	50	50	75	75	100	100	70	70	60	55	70	60	45
工作台有效尺寸 Oimensions of table	左右 L-R	mm	440	440	500	580	700	710	800	900	900	1500	2000	2500	2500	3000
	前后 F-B	mm	380	380	450	570	570	600	700	800	900	900	1200	2000	2000	2400
工作台距地面高度 Table height above floor	mm	700	700	710	710	710	810	800	900	900	900	400	400	400	400	
落料孔尺寸 Dimensions of dropping hole	mm				φ100	φ100	φ100									
电机功率 Motor power	KW	3	3	4	5.5	5.5	7.5	7.5	11	15	22	22	2x22	2x22	45	

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# Y28 Series Double action hydraulic press



**Main characteristics:**

- ◆ The hydraulic press of this series is the double-movement hydraulic press for sheet metal drawing. It is particularly fit for drawing, forming, flanging, bending and stamping of sheet metals for making parts and components. It is also fit for stamping process and pressing process.
- ◆ The hydraulic system has a two-way cartridge inserted valve; the electrical system has PLC for control. Thus, the machine can be conveniently operated.
- ◆ The hydraulic press is characterized with high speed under no-load condition, high efficiency in energy utilization and low power consumption with the blank holder pressure and drawing force adjustable. It is an ideal equipment for the forming of sheet metal.

>> 主要技术参数 Main Parameters

参数名称 Parameter	单位 Unit	Y28 系列双动拉伸液压机										
		Y28-63/100	Y28-100/140	Y28-200/300	Y28-315/400	Y28-300/500	Y28-400/630	Y28-500/800	Y28-1200/1800	Y28-1600/2100	Y28-2000/2600	
公称力 Nominal pressure	KN	1000	1400	3000	4000	5000	6300	8000	18000	21000	26000	
液压最大压力 Max work pressure	Mpa	25	25	25	25	25	25	25	25	25	25	
拉伸滑块拉伸力 Return force of drawing slide	KN	630	1000	2000	3150	3000	4000	5000	12000	16000	20000	
压边滑块压边力 Centre force of drawing slide	KN	2x200	2x200	4x250	4x250	4x500	2500	3000	6000	5000	6000	
顶出力 Knock-out force	KN	190	190	630	630	630	1000	1600	1600	1600	1600	
压边滑块中心孔 Central hole size of blankholderslide	mm	φ260	φ330	φ420	φ500	800x600	1400*800	900*550	3540*1970	1840*1240	2040*1840	
拉伸滑块最大开口高度 Max.open height of drawing slide	mm	1100	1100	1480	1650	2000	2200	2020	2600	2000	4500	
压边滑块最大开口高度 Max.open height of blankholder slide	mm	590	550	900	1000	1100	1450	1500	2400	2000	4500	
拉伸滑块最大行程 Max.stioke of drawing slide	mm	600	600	700	800	900	900	900	1350	1000	2000	
压边滑块最大行程 Max.stroke of blankholder slide	mm	300	300	400	400	400	800	900	1350	1000	2000	
顶出行程 stroke of knock-out cylinder	mm	200	200	300	300	300	350	350	400	400	400	
拉伸滑块速度 Speed of drawing slide	空程下行 Fast down	mm/s	120	120	100	100	150	120	100	120-150	120-150	120
	工作 Drawing down	mm/s	12~14	10~14	12~18	6~10	20~24	10-16	10-15	15-20	10-16	10-16
	回程 Return	mm/s	120	120	80	60	160	80	80	100	100	80
拉伸滑块有效尺寸 Size of drawing slide	左右 Down	mm	720	720	1000	1260	1500	2500	1600	3500	1800	2000
	前后 Return	mm	580	620	900	1200	1500	1700	1600	1930	1200	1800
压边滑块有效尺寸 Size of blank holder slide	左右 Down	mm	720	720	1000	1260	1500	2500	1600	4500	2600	3600
	前后 Return	mm	580	620	900	1200	1500	1700	1600	2500	2200	3600
工作台有效尺寸 Overall dimensions of machine	左右 L-R	mm	720	720	1000	1260	1500	2500	1600	4500	2600	3600
	前后 F-B	mm	580	620	900	1200	1500	1700	1600	2500	2200	3600
电机功率 Motor power	KW	7.5	7.5	22	22	2x30	2*22	45+22	3*45	3*45	3*45	

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## *EOE-60240 Fiber-optic pipe cutter technical parameter*



Model	4015 fiber laser sheet cutting machine	4015 3000W fiber laser sheet cutting machine	4015 12000W fiber laser sheet cutting machine
Processing area(L×W)	4000mm×1500mm	4000mm×1500mm	4000mm×1500mm
Power	3000W	6000W	12000W
X axis track	1550mm	1550mm	1550mm
Y axis track	4050mm	4050mm	4050mm
Z axis track	100mm	120mm	120mm
X,Y axis positioning accuracy	±0.03mm/m	±0.03mm/m	±0.03mm/m
X,Y axis repeat positioning accuracy	±0.02mm/m	±0.02mm/m	±0.02mm/m
X, Y axis max speed	100m/min	70m/min	70m/min
X, Y axis max acceleration	1G	1G	1G
Max.load of worktable	2200Kg	2600Kg	2800Kg
CNC system	Raytool	Raytools XC3000S	Raytools
Voltage/Power	380V/50HZ	380V/50HZ/12KW	220V/380V/50HZ/60HZ

The laser cutting machine is a cost-effective fiber laser cutting machine designed for the current needs of the sheet metal processing industry, equipped with strategic cooperation 3000W laser. The machine uses key components with a global quality assurance and more than a decade of experience with laser equipment, which makes this machine a popular fiber laser cutting machine immediately after its launch.

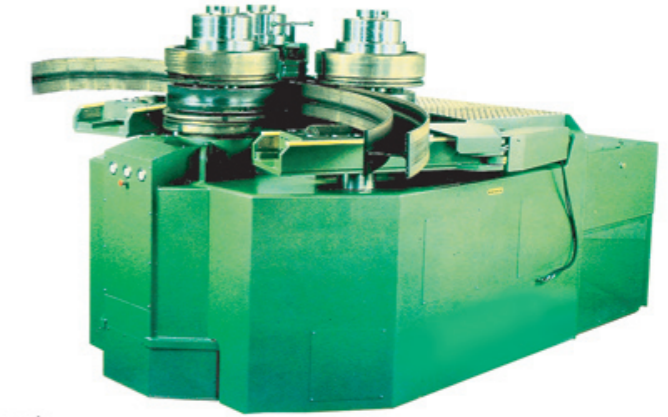
## *EOE-60240 Fiber-optic pipe cutter technical parameter*



Mainly used for ordinary carbon steel pipe, stainless steel pipe, aluminum alloy pipe, copper pipe, cutting workpiece size round pipe  $\Phi 20\text{mm}-\phi 240\text{mm}$ , Square pipe, Angle steel, groove steel side length  $\leq 100\text{mm}$ ,  $L \leq 6300\text{mm}$ .

project name	parameter	unit
Pipe processing size	circular tube $\Phi 20\text{mm}-\phi 240\text{mm}$ , Steel side length of square tube angle steel groove $\leq 240\text{mm}$ , $L \leq 6300\text{mm}$ ;	mm
X axis itinerary	300	mm
Y axis itinerary	6300	mm
Z axis itinerary	120	mm
X, Y-axis positioning accuracy	$\pm 0.05/1000\text{mm}$	mm
X and Y axes	$\pm 0.03/1000\text{mm}$	mm
Tailor length	$\leq 30$ With the guaranteed cutting accuracy, the minimum tail length cannot be guaranteed	mm
laser power	The MAX3000	w
control system	SJTU-cnc	
Power supply requirements	380V/50Hz	V

# W24S型材弯曲机 W24S SECTION BENDING MACHINE



### Performance

The material winding machine produced by our co., is specially used in the volume curved angle steel, channel steel, I-steel, flat steel, side steel, round steel and so on, each kind of profiled bar highly effective processing equipment, and may one time winding circle, corrective round working procedure, widely used in the petroleum, chemical industry, water and electricity, shipbuilding and machine manufacture and so on.

Two lower rollers of the machine are primarily transmission roller, also the three work rollers primarily are transmission roller, two side rollers revolve the fixed center of rotation to make the are vibratory movement, two sides are equipped with hold the roller equipment, it's advantageous in guaranteeing the asymmetrical section molding volume system quality of winding, the structure of the machine is advanced, works reliably, small volume, complete function, it's the present equipment in domestic and abroad. The machine may be equipped with advanced general or the special-purpose molds and easy operation, high efficiency, warmly welcome by the customer.

型号 Model		TXW24/TXW24S/TXW24C-											
		6	16	30	45	75	100	140	180	280	400	500	
技术参数 Main technical data		6	16	30	45	75	100	140	180	280	400	500	
型材最大抗弯截面模数 (Cm³) Max. anti-winding cass-section moulds		6	16	30	45	75	100	140	180	280	400	500	
卷弯速度 (m/min) winding speed		6	5					4					
型材屈服极限 (Mpa) yield strength		$\delta_s \leq 245$											
角钢内弯 angle steel internal winding		最大截面 Max. cross-section (mm)	40x40x5	70x70x8	90x90x10	100x100x16	120x120x10	125x125x14	140x140x16	150x150x16	160x160x25	180x180x14	200x200x24
		最小弯曲直径 Min. winding dia (mm)	800	1000	1200	1500	2000	2000	2400	2600	3000	3600	4000
		最小截面 Min. cross-section (mm)	20x20x3	30x30x3	35x35x3	36x36x5	38x30x4	40x40x4	45x45x5	50x50x6	63x63x6	75x75x6	85x85x6
		最小弯曲直径 Min. winding dia (mm)	400	500	560	600	600	800	1000	1200	1300	1400	1600
角钢外弯 angle steel external winding		最大截面 Max. cross-section (mm)	50x50x5	75x75x10	90x90x10	100x100x16	120x120x10	125x125x14	140x140x16	150x150x16	180x180x20	200x200x24	250x250x25
		最小弯曲直径 Min. winding dia (mm)	800	1000	1000	1300	1600	2000	2200	2600	3000	3600	4000
		最小截面 Min. cross-section (mm)	20x20x3	30x30x3	35x35x3	36x36x3	38x38x4	40x40x4	45x45x5	50x50x6	63x63x6	75x75x6	85x85x6
		最小弯曲直径 Min. winding dia (mm)	400	400	500	600	760	800	800	1000	1100	1260	1600
槽钢内弯 channel steel internal winding		槽钢型号 Model	8	12	18	20	25	28	30	32	36	40	50
		最小弯曲直径 Min. winding dia (mm)	600	800	900	1000	1100	1200	1200	1500	1800	2000	2400
槽钢外弯 channel steel external winding		槽钢型号 Model	8	14	18	20	25	28	30	30	32	36	40
		最小弯曲直径 Min. winding dia (mm)	700	900	1000	1150	1600	1700	1700	1800	1900	2000	2400
扁钢内弯 flat steel internal winding		最大截面 Max. cross-section (mm)	100x18	150x25	180x25	200x30	210x40	250x40	280x50	320x50	350x60	380x75	500x76
		最小弯曲直径 Min. winding dia (mm)	600	700	800	900	1000	1200	1300	1400	1600	2000	2400
扁钢外弯 flat steel external winding		最大截面 Max. cross-section (mm)	50x12	75x16	90x25	100x30	110x40	120x40	150x40	180x40	190x50	200x56	200x60
		最小弯曲直径 overall demension (mm)	500	760	900	1000	1100	1200	1500	2000	2100	2200	2500
		外形尺寸 (长x宽x高) (m)	1.21x0.95x1	2.08x1.35x1.2	2.06x1.19x1.3	1.6x1.26x1.53		2.94x1.9x1.77	2.18x2.50x2.58	2.3x2.55x2.42			

备注 Note

● 可供专用非标准型材卷弯机。May supply the special-purpose non-standard winding machine ● 参数如有变动恕不另行通知 The parameter is subject to be changed without notice