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  New High Tech. Enterprise In Jiangsu Prov.

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 **ZHOUXIANG** 州翔



W E L D I N G



E Q U I P M E N T



**WUXI ZHOUXIANG
COMPLETE SET OF WELDING EQUIPMENT CO., LTD.**



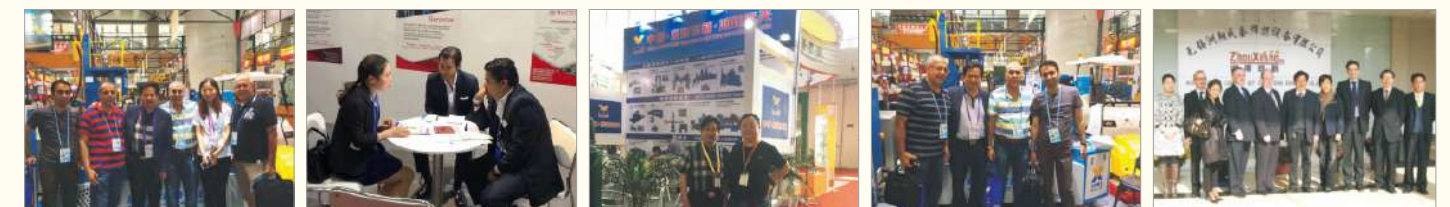
Introduction

Wuxi Zhouxiang was founded in 1991. The company has fixed assets over 100 million RMB and covers an area of 100,000 sqm. It has more than 300 workers including more than 100 engineering and technical personnel. It is a scie. & tech. enterprise gathering scientific study, industrial development and trade onto one body.

Zhouxiang's main products including: H beam / Box beam steel structure production line series equipment, CNC cutting machine, shot blasting machine, auto welding manipulator, welding rotator, plate rolling machine, profile bending machine, and welding power etc. The products have been exported to a lot of countries in Southeast Asia, Middle East, South American area and so on.



*Sincerely welcome global customers and peer friends to cooperate with us,
and we look forward to creating brilliant careers with you !*



→ CERTIFICATES & HONORS

COMPANY PRODUCTS →

OUR QUALITY COME FROM

- ISO9001/2015 Quality System Certification
- Raw materials purchasing and product manufacturing all aspects of the Quality System
- Perfect customer service support system



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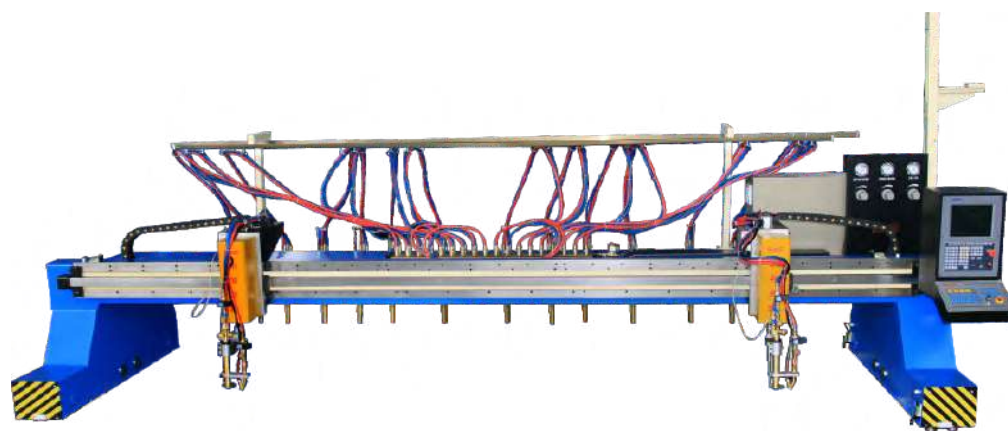


→ CNC CUTTING MACHINE

▶ CNC FLAME STRIP CUTTING MACHINE

▶ TECHNICAL PERFORMANCE

This series of cutting machine is a high efficiency and high performance equipment, which uses gantry type, single drive or double drive, and combines CNC control, precision mechanism, and oxygen cutting. This machine uses advanced CNC system from abroad, such as Spanish Fagor and American Hypertherm. Its excellent cutting parameters, reliable and stable features ensures the perfect cutting effect. CNC flame torch has auto height regulator and auto ignition functions, which is convenient for use.



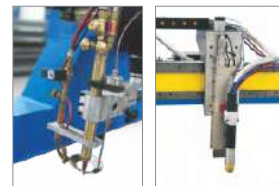
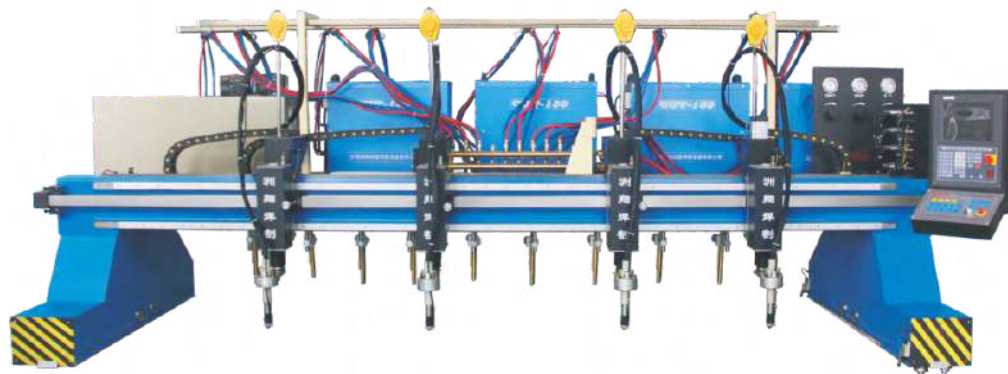
• Lift Device
Being adapted double-column linear guide rail, it guarantees stable and reliable lift.



• Three-cutting Torch

▶ TECHNICAL PERFORMANCE

This series of CNC flame plasma cutting machine adopts gantry structure, double-sided drive, and combines computer control, precision machinery and oxygen gas cutting with high efficiency. It is the high-performance automation equipment.



• Auto height adjust
• Elevating hoist



• Anti-collision device
• Initial positioning Device



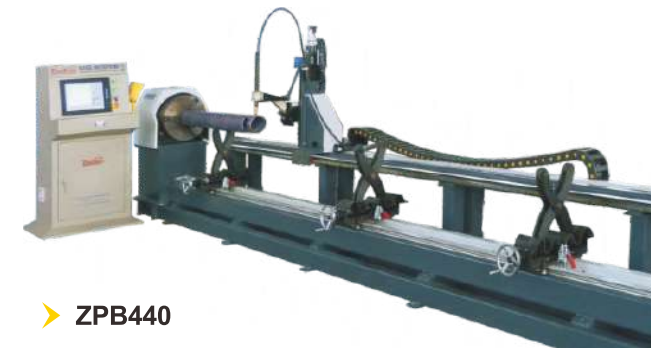
• Arc Voltage Height Regulator

Gauge	Effective	Effective cutting length	Min. Distance of torch		Cutting depth	Cutting speed	Free running speed
			CNC	Strip			
3000-10000mm	2200-9200mm	Length of railway -2500mm	230mm	80mm	6-200mm	50-1000mm/min	≤6000mm/min

▶ FLAME PLASMA INTERSECTION CUTTING MACHINE

▶ TECHNICAL PERFORMANCE

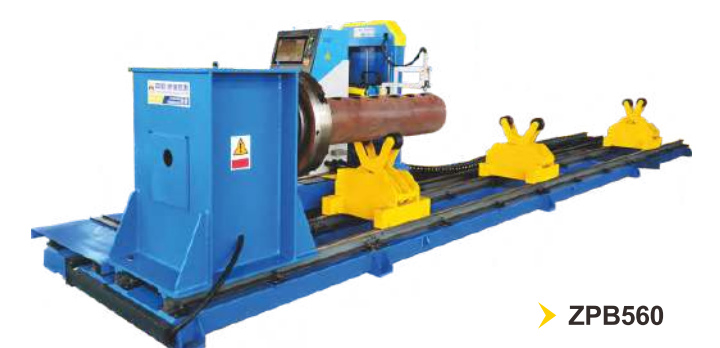
ZPB560 CNC pipe intersection cutting machine is special CNC equipment which is used for cutting metal pipe automatically. It can realize auto program and auto CNC nesting work for any complicated joint type of intertube and pipe and non-intertube. And can cut any type welding bevel at one time. This product is widely used for steel structure, shipbuilding, bridge and heavy machine industries.



▶ ZPB440



▶ ZPB680

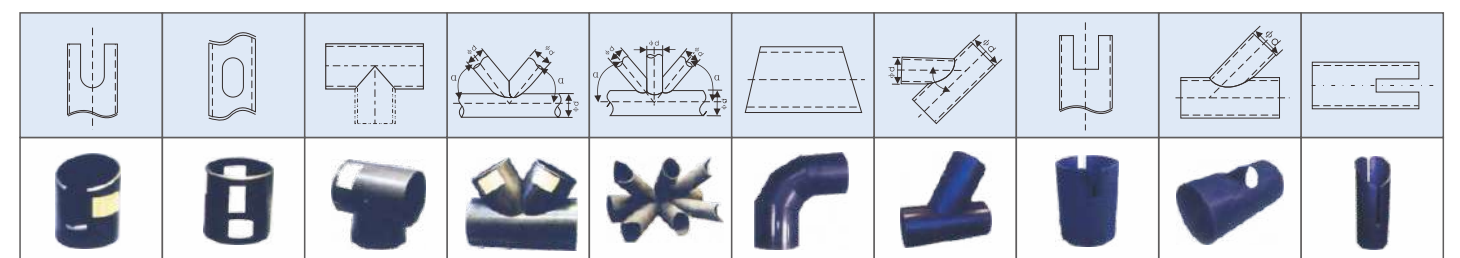


▶ ZPB560



▶ ZPB6140

Model	ZPB-440	ZPB-560	ZPB-680	ZPB-6140
Moving axle number	4 axle	5 axle	6 axle	6 axle
cutting pipe dia.(mm)	Φ=60-400	Φ=60-600	Φ=120-800	Φ=200-1400
Plasma cutting pipe thickness	δ 1= depend on plasma power			
Effective cutting workpiece length(mm)	L1=12000 (can be made according to customer's request)			
Request workpiece ovality	≤ 1%			
Cutting speed(mm/min)	V=10-3000			
Moving speed(mm/min)	V0=10-6000		V0=10-7900	
Cutting torch axial swing angle	α=±45° (Plasma should not have current interruption)			
Flame torch cutting thickness(mm)	50			



► CNC SYSTEM

► SF-2400H CNC control system

SF-2400H CNC control system is designed by Beijing STARFIRE company, with excellent function, reliable quality, practical function in CNC cutting machine, great cost performance. Use 10.4" colorful LED display screen, Chinese and English human-machine interface, parametric graphics library, very powerful cutting process and manufacturing function.



► FAGOR8037 control system

FAGOR8037-CNC system is made by Spain FAGOR Company which has excellent functions, reliable quality and flexible matching, features: multi-language, PLC center control unit, 7.5 colour LCD and USB INTERFACE.



► Americam Hypertherm EDGE Connect CNC system

EDGE Connect, Hypertherm's newest Computer Numeric Control (CNC) platform, delivers unmatched reliability, powerful embedded capabilities, and a high level of customizability. Based on our proprietary, industry-leading Phoenix CNC platform, the system offers new, advanced software features – including ProNest CNC automatic nesting delivering SureCut technology – along with enhanced hardware.



► CNC CUTTING MACHINE PLASMA POWER

► Zhouxiang Plasma

The unique design of Wuxi Zhouxiang CUT-100, CUT-130, CUT-200 plasma power nozzle is mainly to enhance heat dissipation, because the main principle of plasma arc cutting metal is to melt the metal at high temperature and blow it away, so the extremely fast heat dissipation quality of the nozzle has directly affected the service life of the nozzle. The stepped outside of the nozzle can more effectively mix the hot and cold gases and increase the heat dissipation surface area. The chrome-plated surface greatly reduces thermal oxidation, allowing the hot surface to combine with gases effectively, which can make cooling more efficient.



► American Victor Plasma

1. Maximum Life Parts to Lower Operating Costs
2. Increased Productivity for Greater Profits
3. Water Mist Secondary (WMS) for Low Cost, High Quality Cutting on Non-Ferrous



► American Hypertherm Plasma

It saves half expense and brings incomparable cutting precision, whose through hole cutting thickness reaches 16mm and maximum current currency. HPR130 has precision plasma no slag cutting quality, faster cutting speed and longer vulnerable life which is twice as long as other cutting system at the same time. During the whole vulnerable parts life cycle, Hypertherm's latest technology can stay high cutting precision, so that you can make records on board using HPR130, without replacing vulnerable piece.



AMERICAN VICTOR PLASMA POWER TECHNICAL PARAMETER

Name	CutMaster A40	CutMaster A60	CutMaster A80	CutMaster 120	AutoCut 100	AutoCut 200	AutoCut 300	
Description	light-duty, common, inverter				heavy duty, common			
carbon steel	Max perforation	6mm	10mm	12mm	18mm	15mm	25mm	35mm
	Best cutting	4mm	8mm	10mm	15mm	15mm	25mm	35mm
	Max cutting	15mm	20mm	25mm	30mm	35mm	50mm	75mm
stainless steel	Max perforation	6mm	10mm	12mm	18mm	15mm	25mm	35mm
	Best cutting	4mm	8mm	10mm	15mm	15mm	25mm	35mm
	Max cutting	15mm	20mm	25mm	30mm	35mm	50mm	75mm
Aluminum	Max perforation	6mm	10mm	12mm	18mm	15mm	25mm	35mm
	Best cutting	4mm	8mm	10mm	15mm	15mm	25mm	35mm
	Max cutting	15mm	20mm	25mm	30mm	35mm	50mm	75mm
voltage /power	380V\6.3KW	380V\9KW	380V\12KW	380V\15.4KW	380V\16KW	380V\32KW	380V\48KW	
current range	20-40A	20-60A	30-80A	30-120A	10-100A	10-200A	10-300A	
cutting gas	air, the pressure to plasma inlet no less than 6.2bar				air, O ₂ , N ₂ , H35,F5(inlet pressure above 8bar)			
load cycle	80% (continuous working)				100% (continuous working)			

AMERICAN HYPERTHERM PLASMA POWER TECHNICAL PARAMETER

Name	PMX45	PMX65	PMX85	PMX105	PMX125	MAXPRO200	
Description	light-duty, common, inverter					heavy-duty, fine-duty, quick oxygen cutting	
Carbon steel	Max perforation	10mm	12mm	15mm	20mm	25mm	32mm
	Best cutting	8mm	10mm	12mm	12mm	16mm	20mm
	Max cutting	12mm	16mm	20mm	25mm	32mm	50mm
Stainless steel	Max perforation	10mm	12mm	15mm	15mm	20mm	25mm
	Best cutting	8mm	10mm	12mm	12mm	12mm	20mm
	Max cutting	12mm	16mm	20mm	20mm	32mm	50mm
Aluminum	Max perforation	10mm	12mm	15mm	15mm	20mm	25mm
	Best cutting	8mm	10mm	12mm	12mm	12mm	20mm
	Max cutting	12mm	16mm	20mm	20mm	32mm	50mm
Voltage /power	380V/6.3KW	380V/8.4KW	380V/12KW	380V/16KW	380V/22KW	380V/33KW	
Current range	20-40A	20-65A	20-85A	20-105A	30-125A	20-200A	
Cutting gas	air, the pressure to plasma inlet no less than 6.2bar					air, O ₂ , N ₂ , H35,F5(inlet pressure above 8bar)	
Load cycle	60% (continuous working)				100%	100% (continuous working)	

STEEL STRUCTURE PRODUCTION LINE

▶ H-BEAM ASSEMBLING, WELDING AND STRAIGHTENING INTEGRAL MACHINE



▶ INTRODUCTION

This is a special machine for H beam assembling, welding and straightening, it combines the three processes into one machine, thus improves productivity, reduces cost, and saves the installation space. It can produce H beam and T beam with high efficiency.

▶ PERFORMANCE AND CHARACTERISTIC

1. the main assembling machine adopts heavy duty assembling structure which has applied invention patent, web plate and flange plate centering and positioning automatically, to make the assembling precision and efficiency greatly improved.
2. Firm welding torch fix mechanism is set up separately, it not only can adjust height and horizontal moving position, also can adjust the angle of welding torch on two directions, it guarantees the nice seam form.
3. assistant straightening machine has special designed structure, the two straightening rollers can straighten workpiece automatically under the pushing of oil cylinder, straightening mechanism will not block the line of sight on seam, it is convenient to see the adjustment of welding torch and seam quality.
4. Assembling machine and assistant straightening machine can be discharged and work separately.
5. Assistant straightening machine can work as small straightening machine after refit.

▶ TECHNICAL PARAMETER

Web plate height	Web plate thickness	Straightening speed	flange plate width	flange plate thickness	main machine power
200-1500mm	6-14mm	0.35-3m/min	200-800mm	6-20mm	17.5KW



→ STEEL STRUCTURE PRODUCTION LINE

▶ H-BEAM HORIZONTAL PRODUCTION LINE



End Assembly



Submerged Arc Welding



180° Overturning

▶ INTRODUCTION

H-beam Horizontal production line consists of assembling machine, auto welding machine, overturning machine and input / output conveyor. It is suitable for H beam (light duty) volume-produce. The production efficiency is 1.5 times that of the ordinary production line.

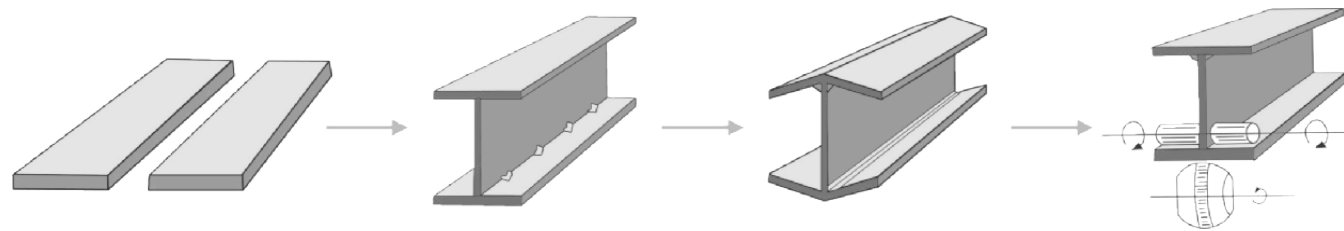
▶ ADVANTAGES

1. Adopting horizontal assembling to make H shape at one time to improve assembling efficiency.
2. Adopting horizontal welding to reduce welding deformation.
3. Adopting single arc double wires method to improve welding speed.

▶ TECHNICAL PARAMETER

Web height	Web thickness	Weiding speed	Flange width	Flange plate thickness
250-1500mm	4-16mm	0.3-1.9m/min	150-500mm	5-20mm

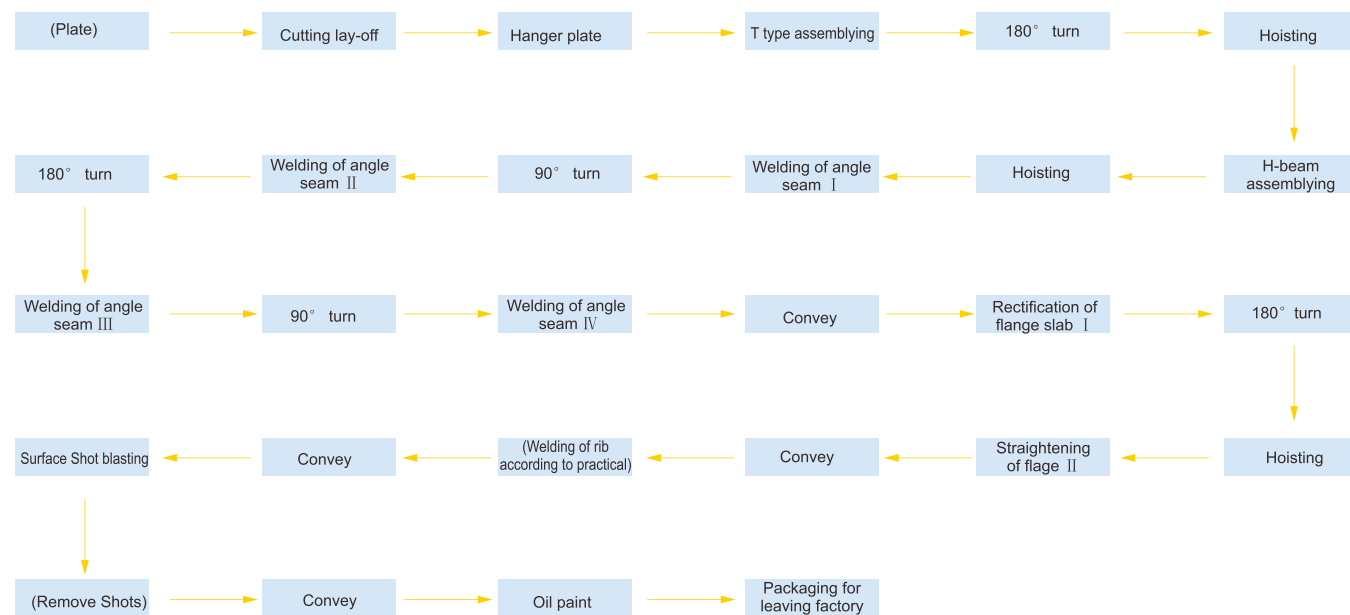
H-BEAM (LIGHT DUTY) → PRODUCTION LINE



➤ Multiple strip gas cutting machine ➤ H beam assembling machine ➤ The gantry submerged arc welding machine ➤ H-beam straightening machine

The production line of common H type steel is made up of some mainly equipment such as multiple tip gas cutting machine, H-beam assembling machine, the gantry submerged arc welding machine, straightening machine and shot blasting machine etc. It is much flexible and can be operated independently by single machine on the manufacturing technology. In order to improve whole operating efficiency, it also can be added some devices discretionarily at different parts of technology.

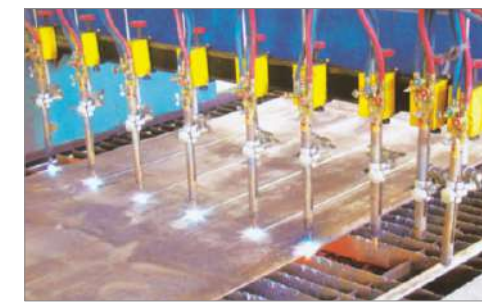
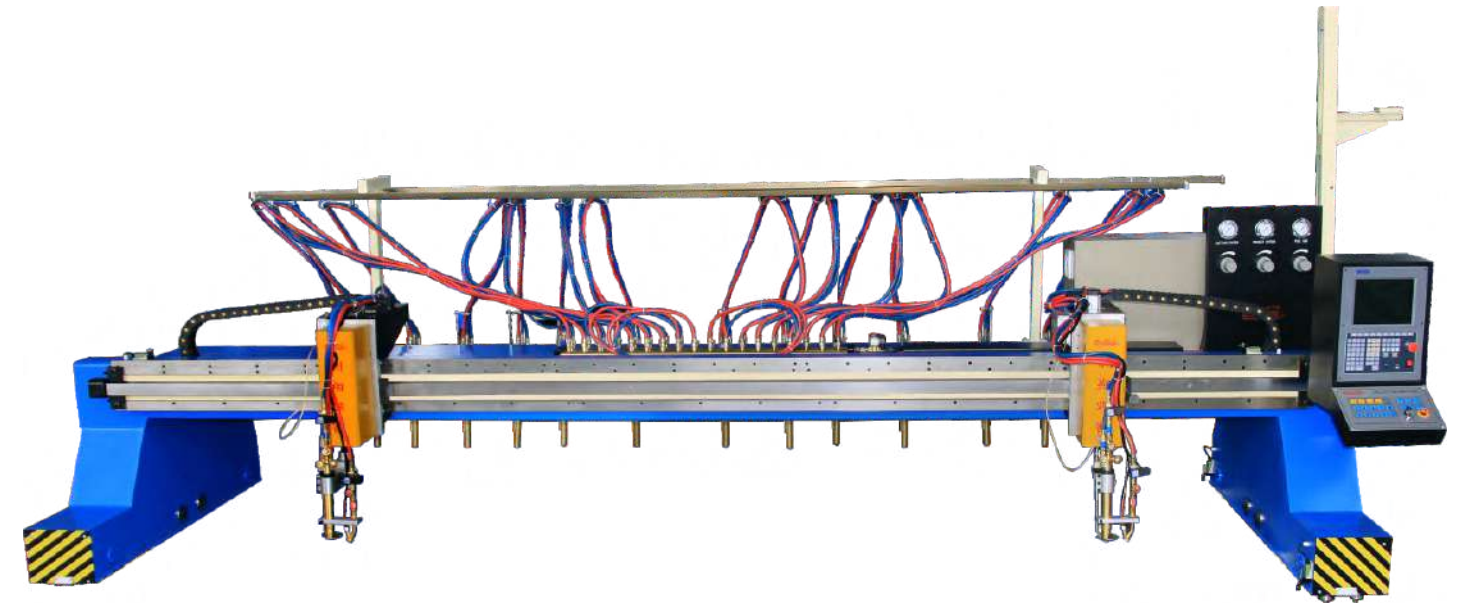
➤ Steel structure Production Line



➤ CNC MULTI-HEAD FLAME CUTTING MACHINE

➤ TECHNICAL PERFORMANCE

This series of cutting machine is a high efficiency and high performance equipment, which uses gantry type, single drive or double drive, and combines CNC control, precision mechanism, and oxygen cutting. This machine uses advanced CNC system from abroad, such as Spanish Fagor and American Hypertherm. Its excellent cutting parameters, reliable and stable features ensures the perfect cutting effect. CNC flame torch has auto height regulator and auto ignition functions, which is convenient for use.



→
H-BEAM (LIGHT DUTY) PRODUCTION LINE

▶ **VERTICAL ASSEMBLY MACHINE FOR H-BEAM**

▶ **TECHNICAL PERFORMANCE**

The vertical assembly machine which the flange,web fastening and calibrating,positioning,and auto spot welding equipped,all of which accept the Japanese Mitsubishi programmable controller and the AC frequency converter so as to increase the productivity one times above comparing with common products,with the features of stable and reliable working state and the welding gun is equipped by the arc-tracing device to ensure the quality of spot welding.



▶ **TECHNICAL PARAMETER**

Size of the web			Size of the flange			Assembling speed	Power Overall
Height	Thickness	Length	Width	Thickness	Length		
200-1500/1800/2000mm	6-32mm	4000-15000mm	200-800mm	6-40mm	4000-15000mm	0.5-6m/min	9.5KW (two welding machines are excluded)

▶ **HEAVY-DUTY VERTICAL ASSEMBLY MACHINE FOR H-BEAM**

▶ **COMPONENTS OF MACHINE**

Single machine is composed of main machine, drag bar box, input roller conveyor, output roller conveyor, electrical control box, operation box, hydraulic pump. The assembling machine match with heavy duty H beam production line, that should add one group of 900 over turning machine except assembling machine.

▶ **TECHNICAL PERFORMANCE**

1. Heavy assembling machine keep the function of light duty one that can auto centering and holding, to make the operation more convenient.
2. The auto centering mechanism of heavy duty assembling machine adopt hydraulic motor driving and gear transmission, to solve the shortages of light duty one oil cylinder stroke is limit and chain easy to be lengthen. Improving the running reliability of machine.
3. Heavy duty assembling machine can process much bigger size H beam according to customer's requirement.



▶ **TECHNICAL PARAMETER**

Web size			Flange size			Asseby speed	Total power
Height	Thickness	Length	Width	Thickness	Length		
200-3500mm	6-70mm	6000-15000mm	200-1000mm	6-80mm	6000-15000mm	0.6-6m/min	Single machine:11kw(not including welder) Machine in automatic line:16.5kw (not including welder)

H-BEAM (LIGHT DUTY) PRODUCTION LINE

▶ ASSEMBLY MACHINE FOR H BEAM AND BOX BEAM

▶ TECHNICAL PERFORMANCE

HXJ-0820 H beam & Box beam dual-purpose assembly machine is an improved product from our mature automatic H beam assembly machine that has been in production for many years. Its performance and application range are superior to the previous products. By changing the web guiding device, machine can realize H beam and box beam assembling. Two manual pressure wheels are added to the upper frame, when assemble box beam, they can move left and right to compress. There also have one set of base plate hydraulic jacking up device at the input side, which can help to assemble the side plate and base plate of box beam more tightly. One machine with two functions, thus increases the utilization rate of equipment, reduces the investment cost and saves factory area.



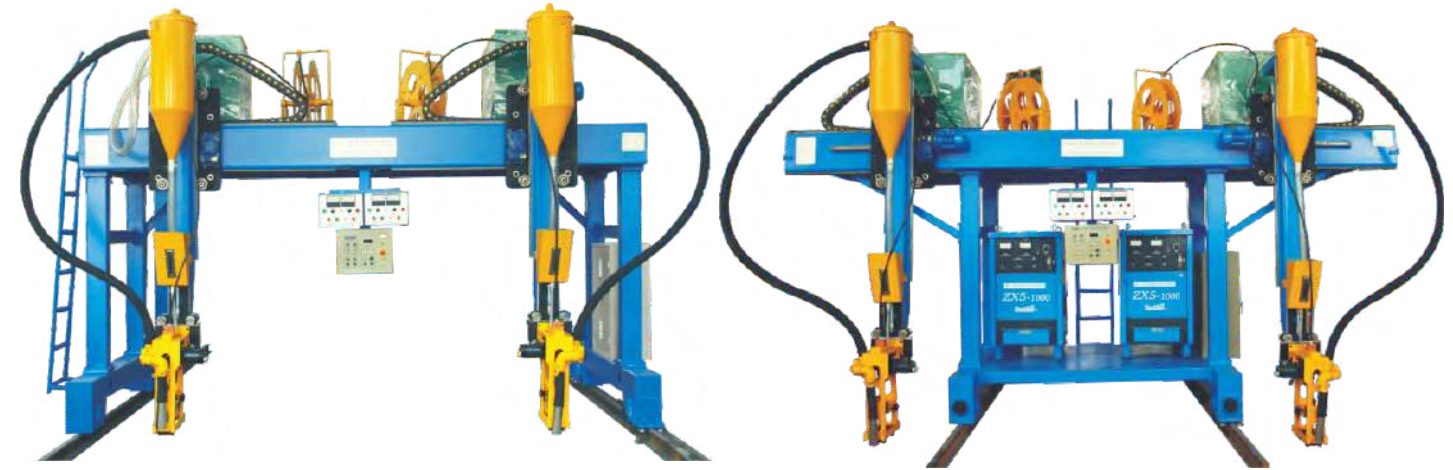
▶ TECHNICAL PARAMETER

Web size		Flange size		Box beam size
Height	Thickness	Width	Thickness	
200-2000mm	6-50mm	200-800mm	6-60mm	300×300 ~ 800×800mm

▶ H-BEAM AUTO-WELDING MACHINE

▶ PERFORMANCE AND CHARACTERISTIC

The auto-welding machine for H beam accepts the AC frequency converter to control speed with the merits of stable and reliable running and quick returning. It uses the auto-arc tracing & centering device to ensure the welding gun being auto and correct centering to the target workpiece. Meanwhile, it is equipped with the auto welding flux feeder and recovery system, easy operating and high efficiency. And the column-beam welding machine can increase the height of web according to the need of users.



LMH-4000

SXBH20

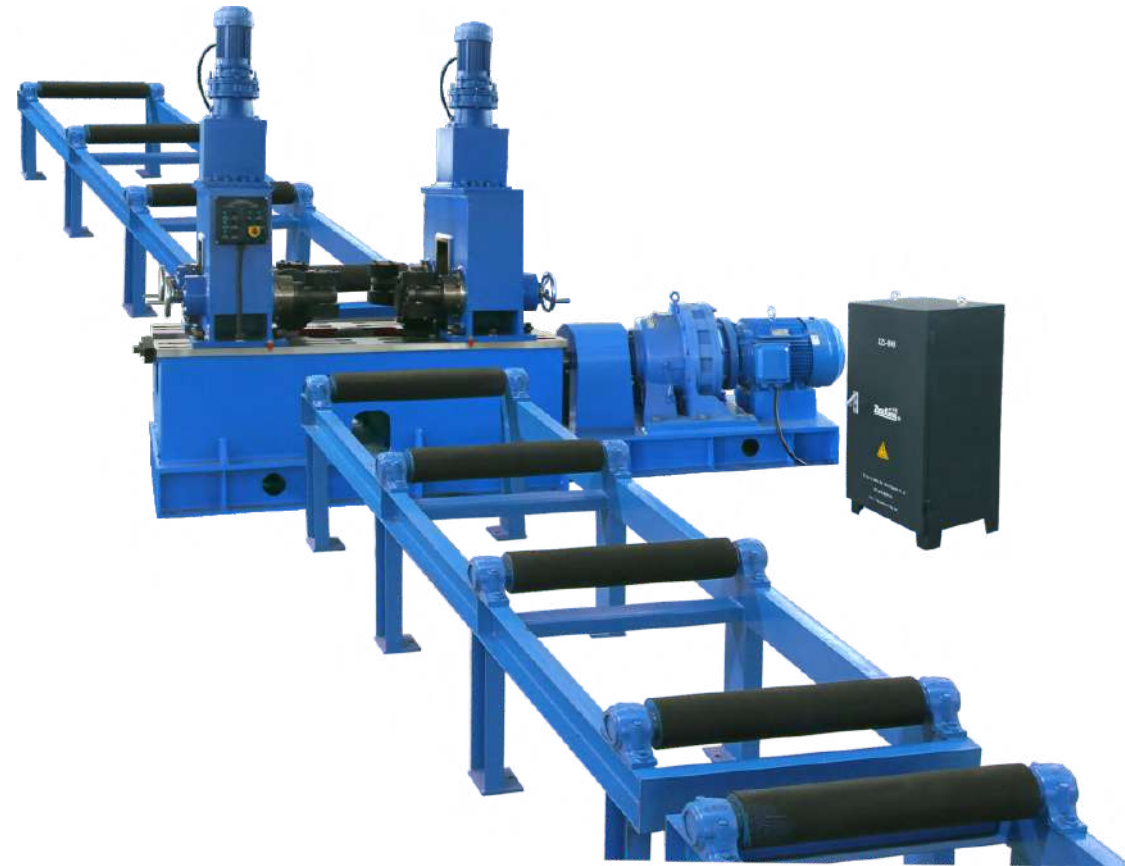
▶ TECHNICAL PARAMETER

Model	Height of web	Width of flange	Model of welder	Mode welding	Welding speed	Returning speed	Rails span	Gantry Power
LMH-4000	200-1500mm	200-800mm	Two sets of model MZ-1-1000 auto submerged-arc welders	boat-type welding	0.25-1.5m/min	3m/min	4000mm	3.3kw
SXBH20	200-2000mm	200-800mm	Two sets of model MZ-1-1000 auto submerged-arc welders	boat-type welding	0.25-1.5m/min	3m/min	2000mm	3.3kw



→
H-BEAM (LIGHT DUTY) PRODUCTION LINE

▶ H-BEAM FLANGE STRAIGHTENING MACHINE



▶ PERFORMANCE AND CHARACTERISTIC

This machine is a special equipment for leveling the H-beam flange whose figure was deformed when it being welding. It has the feature of easy operating, high efficiency, reliable working etc.

▶ TECHNICAL PERFORMANCE

Mode	JZJ-600	JZJ-800
Width of flange	160-600	200-800
Thickness of flange	≤20mm	≤40mm
Min height of web	160mm	350mm
Materia	Q235-A	Q235-A
Straightening speed	8.5m/min	18m/min
Power of over all machine	6.6kw	24.2kw



▶ H-BEAM SHOT-BLASTING AND CLEANING MACHINE

▶ TECHNICAL PERFORMANCE

H-beam shot-blasting and cleaning machine with HGP continuous rolling series is researched and developed in accordance with the features of the steel structure. The machine is adopted with computer 3-dimension dynamic simulating design to locate the position of the shot-blasting machine. The machine is equipped with a highly efficient filter-barrel pulse back-blowing dust removal.



Feeding



Output



Filter cylinder dust collector

▶ MAIN TECHNICAL PARAMETER

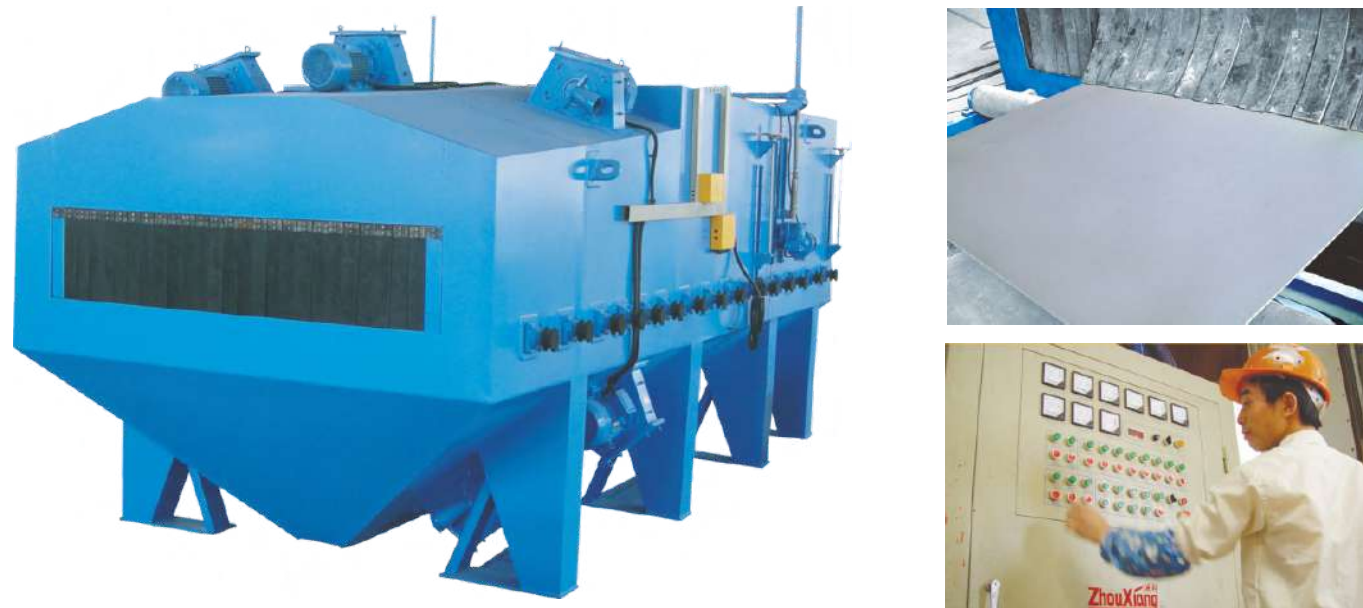
Type		HGP0816	HGP1018	HGP1220	HGP2225-12
Size of the work-piece	Section(width × height)	800 × 1600 mm	1000 × 1800 mm	1200 × 2000 mm	2200 × 2500 × 15000 mm
	Length of the work-piece	3000-12000 mm	3000-15000 mm	3000-15000 mm	3000-15000 mm
Quality Standard	Cleanness of the surface	A-B Sa2-Sa2 1/2	A-B Sa2-A-B Sa2 1/2	A-B Sa2-A-B Sa2 1/2	A-B Sa2-A-B Sa2 1/2
	Roughness of the surface	15-50 μ m	15-50 μ m	15-50 μ m	15-50 μ m
Shot-blaster	Qty	8	8	8	12
	Quan of shot-blasting	8 × 200 kg/min	8 × 200 kg/min	8 × 200 kg/min	12 × 200 kg/min
	Power	8 × 11 KW	8 × 11KW	8 × 11 KW	12 × 18.5 KW
Inlet and outlet conveyor	Allowable load	1000 kg/m	1000 kg/m	1000 kg/m	1000 kg/m
	Conveying speed	0.5-5 m/min	0.5-5 m/min	0.5-5 m/min	0.5-5 m/min
Ventiation capacity		12000 m ³ /h	12000 m ³ /h	12000 m ³ /h	24000 m ³ /h
Circulating quan of the shots		120 T/h	120 T/h	120 T/h	180 T/h
Nominal Size(L × W × H)		6770 × 2100 × 2900 mm	7200 × 2300 × 3250 mm	7200 × 2520 × 3650 mm	7200 × 3520 × 4150mm
Depth of the pit		1950 mm	1950 mm	1820 mm	2500mm
Total power		140 KW	140 KW	140 KW	394 KW

H-BEAM (LIGHT DUTY) PRODUCTION LINE

▶ SHEET SHOT BLASTING MACHINE

▶ TECHNICAL PERFORMANCE

BP/HGP steel sheet shot blasting machine is mainly used to clean the surface of steel sheet and small profile beams. After clean by steel shots, the rust, dust, oxidated skin can be removed, the materials anti-wear strength is improved, the surface and inside quality is promoted. This equipment is widely used for chemical, ship yard, metal structures, steel products, rail vehicles, engineering machinery and bridge industry.



▶ MAIN TECHNICAL PARAMETER:

Model		BP2500-6	BP3500-12
Size of work piece	Section(W×H×L)	2500×400×15000mm	2500×1200×1500
	Speed	0.5~5m/min	0.5-5m/min
conveyor	Power	3×3kw	3-5.5kw
	Moder	QZ320	QZ320
	Shot blaster	Shot blasting speed	65~70m/s
	Q' ty×unit power	6×18.5kw	12×18.5kw
Lifter	Power	7.5kw	11kw
Longitudinal conveyor	Conveying capacity	120T/h	180T/h
	Power	5.5kw	7.5kw
Feeding conveyor	Conveying capacity	120T/h	180T/h
	Power	2×4kw	4kw / 5.5kw
Dust collection system	Model	LMC-18	LMC-24
	Ventilation capacity	12000m³/h	2000m³/h
Centrifugal ventilator	Moder	4-72-5A	4-72-8C
	Power	15kw	22kw
Cleaning system	Ventilation capacity	6762m³/h	6762m³/h
	Power	18.5kw	18.5kw
Overall power		154kw	270kw
Overall dimension		7900×3100×3300mm	7900×4100×4300
Height overground+underground of main machine		6600mm+2400mm	8500mm+2560mm

▶ GGP1050 PIPE SHOT-BLASTING MACHINE

▶ FUNCTION DESCRIPTIONS

Pipe shot-blasting machine is widely used to clean the small and medium size pipes. The work-piece rotate and run automatically on the convey roller which has a 'V' type roller, the rust, oxidized skin can be removed. The running speed of the work-piece can be adjusted according to the requirements of the surface quality.

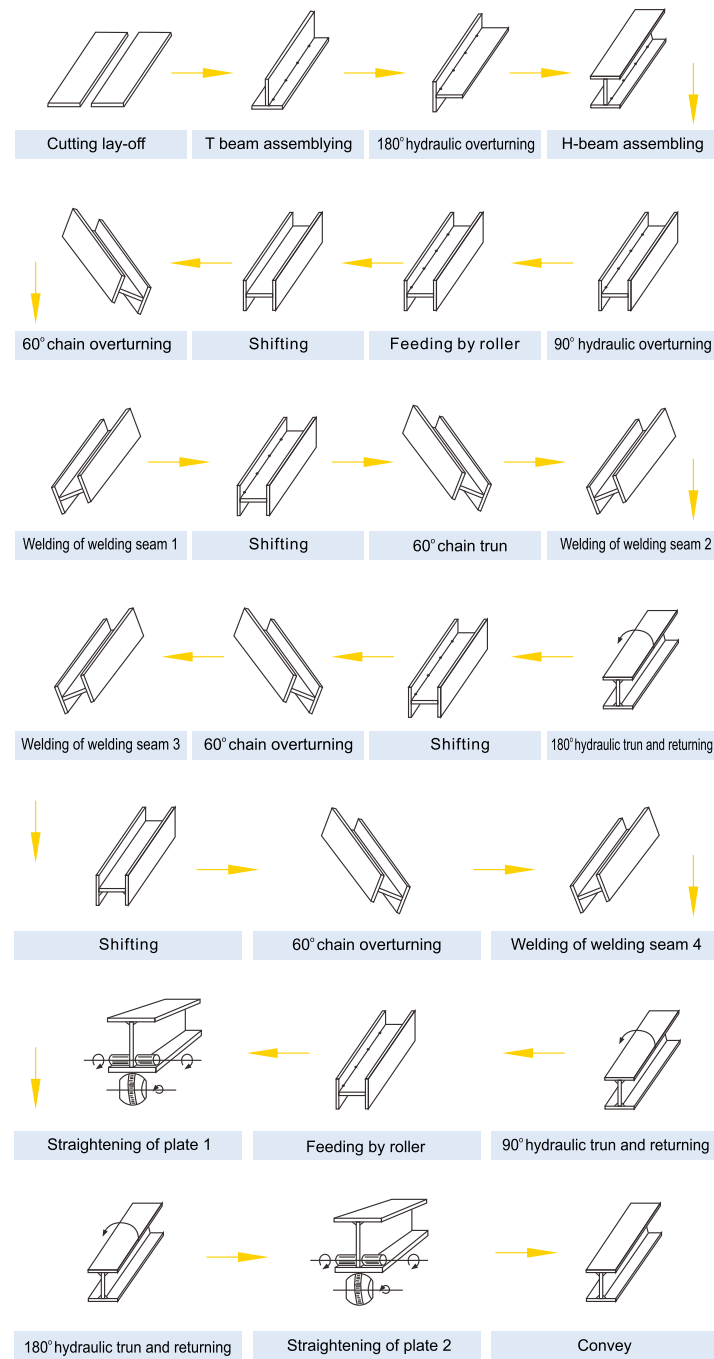


▶ MAIN TECHNICAL PARAMETER

Model		GGP1050
Specification		≤ Φ 1050
Length		3000~12000mm
Convey roller	Cone-shape rotating speed	1.2~12rpm
	Power	3KW
	Roller frame	2×11000 mm
Shot- blaster(4sets)	Shot blasting speed	65~70m/s
	Power	4×11Kw
Elevating machine	Power	5.5Kw
Lengthways screw conveyer	Conveying capacity	50t/h
	Power	4Kw
Dust collection system	Ventilation capacity	8000 m3/h
	Dust removal fan model	4-72-4.5A
	Power	5.5Kw
Total power		68Kw
Standard of dust removal		Sa2-2.5 GB8923-88
Overall dimension(L×W×H)		7500×2000×3120mm

H-BEAM AUTOMATIC → PRODUCTION LINE

TECHNICAL PROCESS OF H-BEAM(HEAVY STEEL) AUTOMATIC WELDING PRODUCTION LINE



▶ PERFORMANCE AND CHARACTERISTIC

The vertical assembly machine which the flange,web fastening and calibrating, positioning,and auto spot welding equipped, all of which accept the Japanese Mitsubishi programmable controller and the AC frequency converter so as to increase the productivity one times above comparing with common products, with the features of stable and reliable working state and the welding gun is equipped with the arc-tracing device to ensure the quality of spot welding.

▶ TECHNICAL PARAMETER

Web of Size			Size of Flange			Assembling speed
Height	Thickness	Length	Width	Thickness	Length	
200-2000mm	6-50mm	6000-15000mm	200-800mm	6-60mm	6000-15000mm	0.5-6m/min

H-BEAM AUTOMATIC → PRODUCTION LINE

▶ TURNING AND CONVEYING MACHINE

▶ TECHNICAL PERFORMANCE

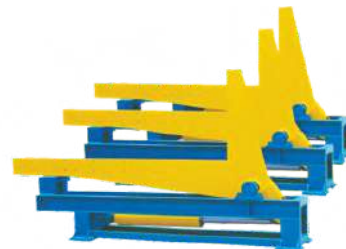
In order to improve manipulating and conveying efficiency and to reduce the usage frequency of overhead crane, we provide the hydraulic overturning machine, conveying machine, overturning support to realize automatic conveying and manipulating for the whole welding and straightening process.



60° overturning machine



Conveying machine

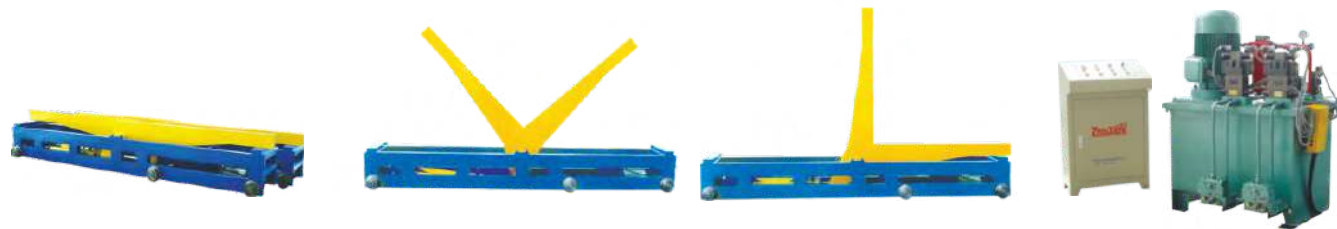


90° overturning machine

▶ TECHNICAL PERFORMANCE

Moving type 180° overturning machine is composed of main machine, hydraulic system and electrical control system. Main machine is composed of 90° overturning arm, base frame, moving wheel group, moving motor gearbox box and rail.

It can move away from roller conveyor during working, gear motor driving two groups overturning frame moving simultaneously, to make workpiece moving to the side of roller conveyor, and finally oil cylinder push arm to turning workpiece 180°, and then moving to roller conveyor for conveying, cable oil pipe adopts drag link packing, safety and beauty, reliable, the total machine structure is compact and operation is simple.



▶ 180° HYDRAULIC OVERTURNING MACHINE

Suitable work-piece weight	Max section dimension of overturning work-piece	Moving motor power	Moving speed	Overturning cylinder diameter	Max pressure of hydraulic system	Power of the machine
≤15T	800 × 1500mm	2 × 1.5KW	6m/min	φ 140mm	20Mpa	18.5KW



▶ CANTILEVER WELDING MACHINE

▶ TECHNICAL PERFORMANCE

XBH type column-beam welding machine adopts the imported AC transducer. The equipment is stable and reliable in operation, and has the quick move-back function. The tracking arc-guide mechanism is three-spindle tracking system to guarantee the alignment and not bias are on the weld. The main frame and the welding machine are performed integrated interlocking and the equipment is provided with flux auto-recovering system and it is easy controlled, and highly efficient.



Type	XBH-1150
Height of web(mm)	200-2000mm
Width of flange(mm)	200-800mm
Length of H-beam	4000-15000mm
Welding machines	MZ-1-1000Auto-submerged two sets of model MZ-1-1000 auto union melt welder
Welding mode	Boat type welding
Welding velocity	0.3-1.5m/min
Reverse velocity	3m/min
Track distance	1150mm
Power of the assembling machine	4.75kw (Welding machine is excluded)

▶ HORIZONTAL TYPE H-BEAM STRAIGHTENING MACHINE

▶ TECHNICAL PERFORMANCE

Horizontal straightening machine can achieve both sides straightening of the H-beam flange at the same time, improve the efficiency of straightening. And can work with H-beam horizontal production line, can achieve the whole process from H-beam assembling, welding to straightening.

Horizontal straightening machine mainly consists of fixed end straightening unit, moving end straightening unit, conveyor roller, hydraulic system, electric control system.

Model	WJ40B	WJ60B
Web height	200-1500mm	200-2000mm
Web thickness	6-30mm	6-50mm
Flange width	150-800mm	200-1000mm
Flange thickness	6-40mm	6-60mm
Workpiece length	4000-15000mm	4000-15000mm
Material	Q235-A	Q235-A
Straightening speed	6.2m/min	5.6m/min



H-BEAM AUTOMATIC

→ **PRODUCTION LINE** →

▶ **YJZ60C/YJZ80C HYDRAULIC STRAIGHTENING MACHINE**

▶ **TECHNICAL PERFORMANCE**

This equipment is different from the YJZ60B hydraulic straightening machine. It adopts the structure of the YJZ80C mechanical straightening machine. The two upper straightening wheels can straightening the flanges downwards. The difference from the mechanical straightening machine is that the power to push the straightening wheels is the oil cylinder. Not a reducer. The use of upward pressure correction has the following characteristics:

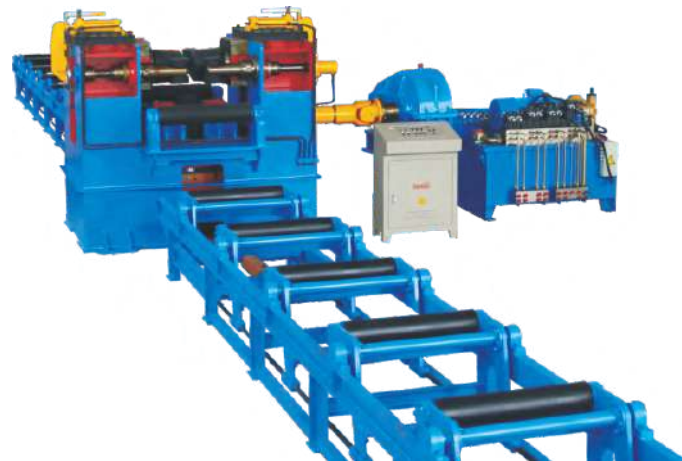
1. The two sides of the flanges can be straightened separately, and the straightening effect can be controlled, so that the straightening flange and web can be into vertical;
2. The conveyors does not need to be raised and lowered, which reduces the cost and is easy to operate.



▶ **YJZ60B/YJZ80B HYDRAULIC STRAIGHTENING MACHINE**

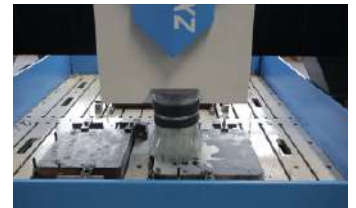
▶ **TECHNICAL PERFORMANCE**

This machine is a special equipment for straightening the deformation of welded H beam flange. The hydraulic straightening machine (YJZ60B, YJZ80B) is an oil cylinder top-up type. The equipment has large straightening ability, wide range and high degree of automation.



Descriptions	With of flange	Thickness of flange	Min height of web	Material	Straightening speed	Total Power
YJZ60C	200-800mm	≤60mm	200mm	Q235-A	9.8m/min	21kw
YJZ80C	200-1000mm	≤80mm	350mm	Q345(16Mn)	6.28m/min	32kw
YJZ60B	200-800mm	≤60mm	350mm	Q345(16Mn)	6.15m/min	26kw
YJZ80B	200-1000mm	≤80mm	380mm	Q345(16Mn)	6.1m/min	22kw

▶ **CNC DRILLING MACHINE**



▶ **STRUCTURE AND PERFORMANCE**

ZPZ160A digital control driller employs AC servo motor to drive the X axis and Y axis, while its Z axis is positioned by high accuracy raster. By using semi-closed closure digital control system, the machine has reliable performance. The operation of the machine can either be automatic or manual. This machine is widely used in steel frame construction.

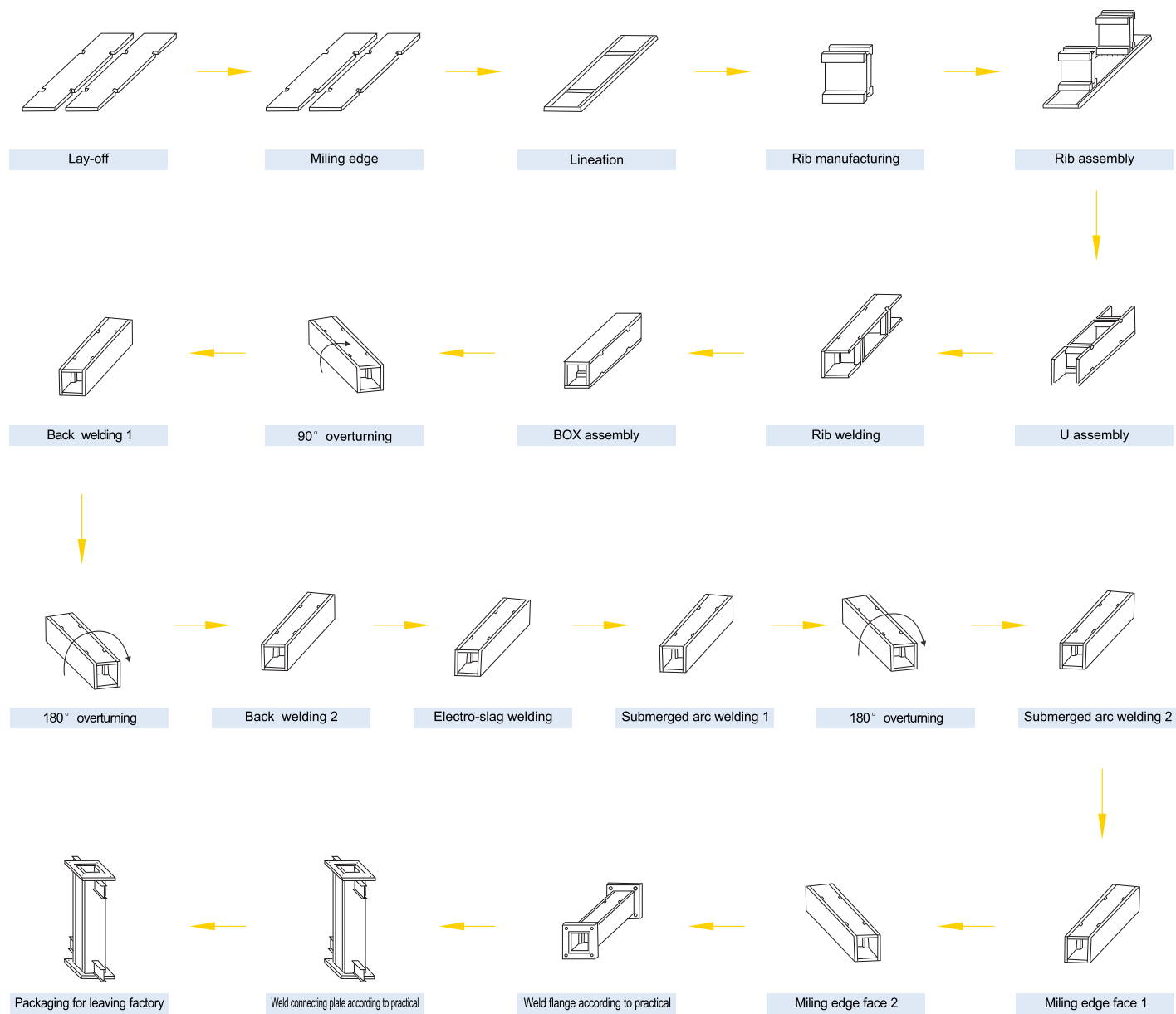
▶ **MAIN TECHNICAL PARAMETER**

Item	ZPZ160	ZPZ200
Drilling diameter	φ50	φ60
Max. dimension of workpiece	1600 × 1000 × 80	2000 × 1400 × 80
Rotary speed of main shaft	130-400r/min, Step less and adjustable	130-400 r/min, Step less and adjustable
Feeding type of main shaft	Hydraulic / Servo	Hydraulic / Servo
Quantity of moveable working platform	2	2
Workpieces can be tooled for once	4pcs	4pcs
Clamping type	Hydraulic	Hydraulic
X and Y axis fast moving speed	6m/min	6m/min

BOX BEAM PRODUCTION LINE

SERIES EQUIPMENT

TECHNICAL PROCESS OF WELDING BOX BEAM



BOX BEAM PRODUCTION LINE SERIES EQUIPMENT

TECHNICAL PERFORMANCE

This production line is mainly made up by CNC/Multi-head Strip Cutting Machine, U type /Box type integral assembling machine, cantilever back machine, Cantilever Electric slag-welder, Cantilever submerged arc-welding Machine, Terminal Surface Mill, Edge Miller, Baffle Assembling Machine, Roll Table and other complements.



Length	Sectional size	Trickness
4000~15000mm	300 × 300mm ² ~1200 × 1200mm ²	20~80mm

BOX BEAM PRODUCTION LINE

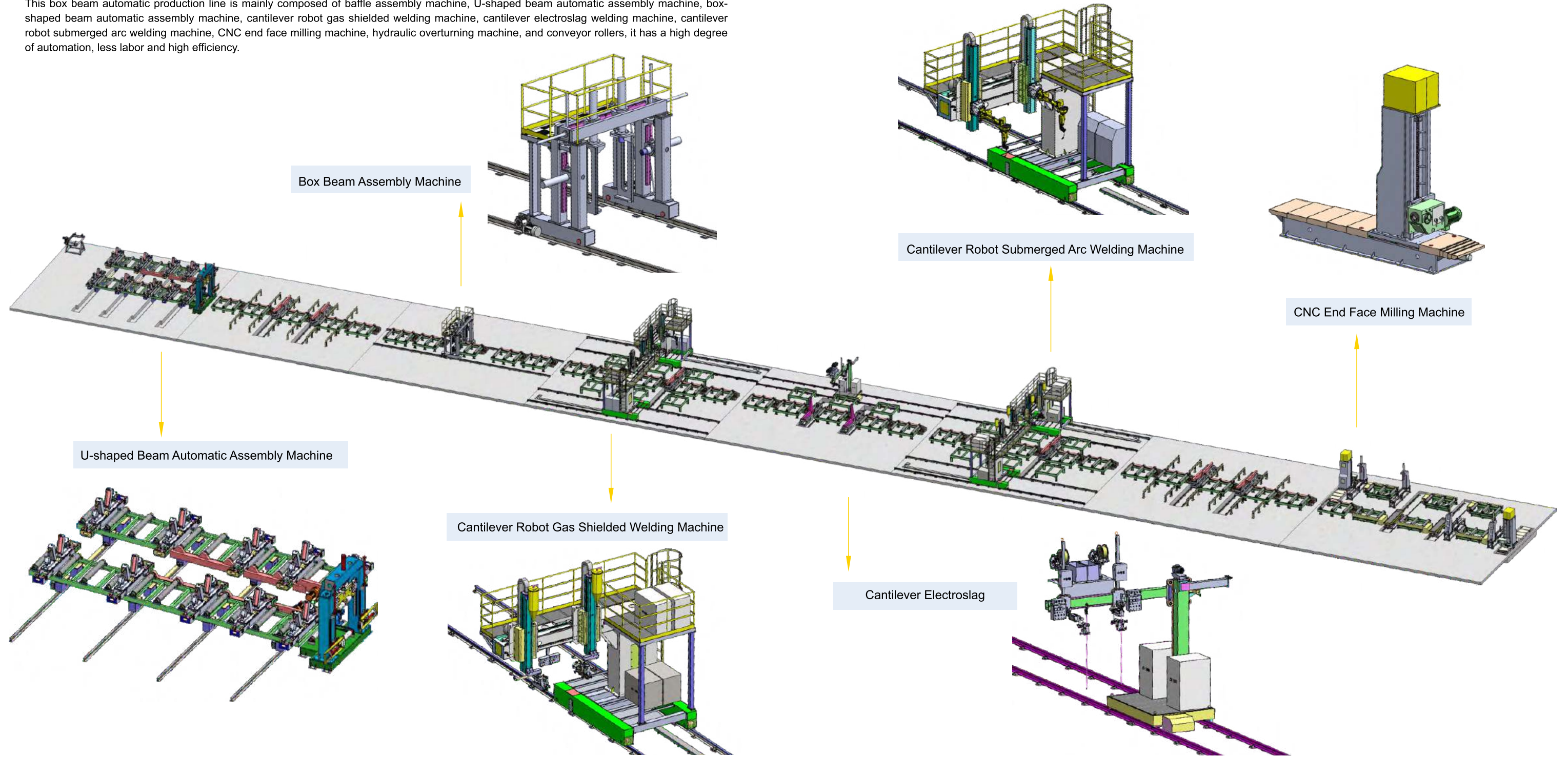
→ SERIES EQUIPMENT



▶ **BOX BEAM AUTOMATIC PRODUCTION LINE**

▶ **TECHNICAL PERFORMANCE**

This box beam automatic production line is mainly composed of baffle assembly machine, U-shaped beam automatic assembly machine, box-shaped beam automatic assembly machine, cantilever robot gas shielded welding machine, cantilever electroslag welding machine, cantilever robot submerged arc welding machine, CNC end face milling machine, hydraulic overturning machine, and conveyor rollers, it has a high degree of automation, less labor and high efficiency.



Box Beam Assembly Machine

Cantilever Robot Submerged Arc Welding Machine

CNC End Face Milling Machine

U-shaped Beam Automatic Assembly Machine

Cantilever Robot Gas Shielded Welding Machine

Cantilever Electroslag

BOX BEAM PRODUCTION LINE
→ SERIES EQUIPMENT

▶ VERTICAL DIAPHRAGM ASSEMBLY MACHINE

▶ TECHNICAL PERFORMANCE

This machine is the special equipment to assemble and weld the middle clapboards in BOX type beam. When assembling, adopt the cylinder compacting to determine the position, then weld them by spot. After finish to weld one face, then turn over the rotation work table for 180 degree through motor. After weld the another face, Turn the work table to the level, loose the Cylinder and unload forwring.



▶ BOX BEAM OVERTURNING MACHINE



Moving type 90 degree hydraulic overturning machine



Moving type 180 degree hydraulic overturning machine

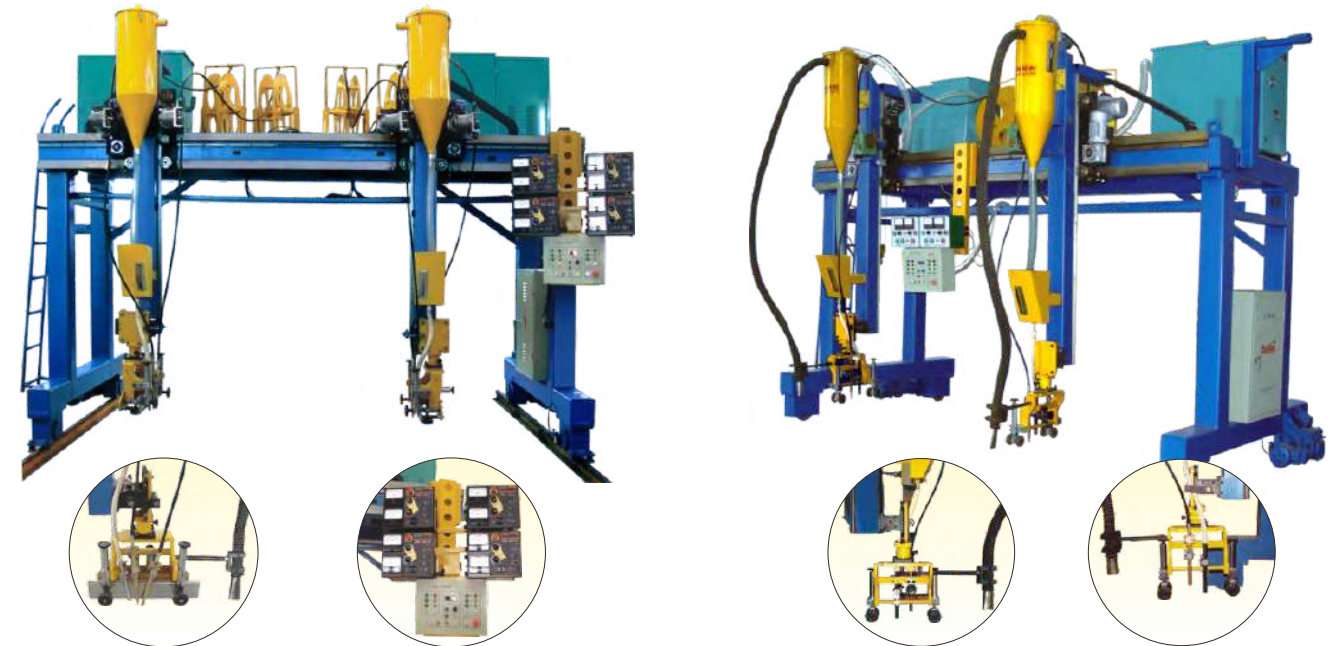
VERTICAL ASSEMBLY MACHINE



▶ GANTRY TYPE BOX BEAM WELDING MACHINE

▶ TECHNICAL PERFORMANCE

It is the welding supplementary machine for special use that design for box-beam welding(flat angle welding seam). The machine use gantry style main structure, driving in double-sides, controlled the speed steplessly by converter; Tracing of welding seam uses the type of mechanic guiding roller; The up-down and right-left operation is controlled by pneumatic technology; In order to improve the efficiency of big fillet welding, it is equipped with big electric current and double machine head(single welding seam)to process double arcs and double wires weldings, installation of the machine head is separated from arc-guiding mechanism; The device which is used to protect solder, avoiding too much solder drop down; lay-up of workpiece can use fixed frame and it can also be transmitted by roller, so it can from an assembly line with other sets of machines



Box-beam arc guiding rack

Box-beam control system

H beam steel arc guiding rack

Width of applicable box-beam	Height of applicable box-beam	Welding speed	Returning speed	Welding position	Total power
300~1200mm	300~1200mm	0.17~3.4m/min	6.8m/min	Horizontal welding	9KW



Triple wires with triple arc (2DC+AC)



Twin wires with twin arc (DC+AC)



Gate double thread gas shield welding padding machine

BOX BEAM PRODUCTION LINE
 → SERIES EQUIPMENT

▶ **CANTILEVER TYPE (WIRE MELT) ELECTRO-SLAG WELDING MACHINE MODEL XDZS-12**



▶ **CANTRY TYPE (WIRE MELT) ELECTRO-SLAG WELDING MACHINE MODEL LMDZS-4000**



▶ **TECHNICAL PERFORMANCE**

Electroslag welding is one of the main equipment on the box beam welding production line. It is a special electroslag welding machine for two seams of baffle plate and bottom plate. The electroslag welding of the box beam baffle is divided into fuse type electroslag welding and nozzle type electroslag welding. Fused wire electroslag welding has high welding efficiency and low operating cost, and is suitable for the production of large batches of box girders, but the equipment One-time investment costs are high. The one-time investment cost of melting nozzle type electroslag welding equipment is low, and the operation is simple and convenient, suitable for Single-piece small-batch box beam production, but the welding efficiency is lower than that of fuse electroslag welding.

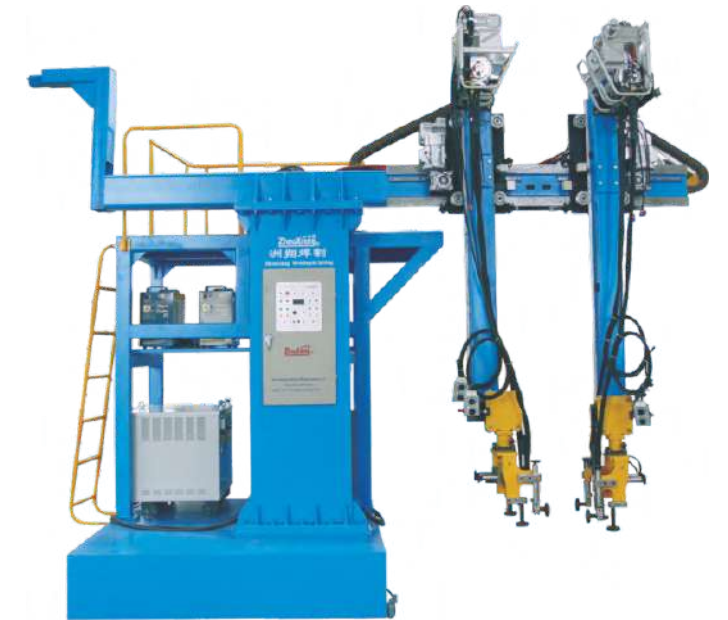
Gantry rail span	Trolley travelling speed	travelling motor power	suitable workpiece size
4000 mm	6 m/min	0.55 KW	300~1200 mm

▶ **XXBC-12 MODLE CANTIEVER TYPE BACK WELDING MACHINE**

▶ **STRUCTURE AND PERFORMANCE**

Cantilever type back welding machine is usually used before SAW welding in box-beam manufacturing process, this machine can prevent the workpieces welding seam to be burned through, and it is composed of travelling cart, welding arm, welding gun tracking device, pneumatic system, electrical control system, flux recovery system, CO₂ welding power and so on.

For box-beam back welding, it usually adopts single arc single wire, also can use double arc double wire. The welding power is Panasonic YD-600KH.



▶ **TECHNICAL PERFORMANCE**

Width of applicable box-beam	Length of applicable box-beam	Welding speed	Returning speed	Welding position
300~1200mm	4000~15000mm	0.3~1.5m/min	3m/min	Horizontal welding

▶ **SUBMERGED ARC WELDER**



▶ Lincoln AC-1200 submerged Arc welder



▶ DC-1000 SAW WELDER



▶ MZ-1250 IGBT inverter Arc Welder

BOX BEAM PRODUCTION LINE
→ SERIES EQUIPMENT

▶ **XXBH-12 CANTILEVER TYPE SUBMERGED ARC WELDER**

▶ **STRUCTURE AND PERFORMANCE**

This machine is composed of traveling cart, welding arm, welding gun mechanical tracking device, pneumatic system, electrical control system, flux feeding and recovery machine and submerged arc welding power. It is mainly used for welding the box beam.

There are two kinds of welding method for box-beam SAW welding, single arc single wire and double arc double wire. For single arc single wire welding, the welding power can be domestic-made or foreign-imported; while for double arc double wire welding, usually equipped with welding power American Lincoln DC-1000, AC-1200 to improve work efficiency.



▶ **TECHNICAL PERFORMANCE**

Suitable workpiece size	Welding speed	Return speed	Cart gauge	Gas power pressure
300~1200mm	0.3~1.5 m/min	3 m/min	1400 mm	0.4~0.8 Mpa

▶ **CNC/DX1215 CNC FACE MILLING MACHINE**

▶ **STRUCTURE AND PERFORMANCE**

CNC face milling machine is made up of milling head, elevation column, work table, mechanical feeding system, electric control system, CNC system, guideway protective device and miller. It is used for two ends of h-beam and box column welding and rolling face milling and processing. The Max. workpiece milling face size is 1200×1500mm; min. workpiece face is 300×200mm, also it can mill the side face of H-beam steel and box column. It is convenient operation, simple structure and fast adjustment, which is necessary equipment for profile steel professional manufacturer. The slide feeding and milling head elevation of this machine adopt Guangzhou CNC DA98A drive servo motor. DA98A AC servo system is the first domestic-made all digital AC servo system, adopting American IT company latest digital signal processing (DSP(TMS320F2407A)) large-scale programmable door array(CPLD)and MITSUBISHI intelligent power module(IPM), high integration, small volume, complete protection and good reliability, adopting good PID accumulation to finish PWM control and the performance meeting product's international level.



▶ **FACE MILLING MACHINE MODEL NO.DX1215**



DX1215 Face Milling Machine



Finish Box Beams

▶ **STRUCTURE AND PERFORMANCE**

The face miller consists of milling and cutting head, lifting upright column, work table, machine body, mechanical feeding system, electrical control system, rail protection device, tools, etc.

This machine is used to weld or roll the shaped H type steel or mill two end faces of BOX type steel. Themax. Milling end face is 1,200x1,500 mm, the min. Workpiece end face is 300x200 mmshaped sleell, it is also used to mill the H type steel or the side face of BOX type steel, it features easy operation, simple structure, quick adjustment and so on as one of necessary equipments of welding shaped steel professional manufacturer.

▶ **TECHNICAL PERFORMANCE**

Type	1215	1520	2020	2030	3035
Horizontal stroke	1200mm	1500mm	2000mm	2000mm	3000mm
Vertical lift stroke	1500mm	2000mm	2000mm	3000mm	3500mm

BOX BEAM PRODUCTION LINE
 → SERIES EQUIPMENT

▶ **EDGE MILLING MACHINE**

▶ **12M DOUBLE HEAD MILLING MACHINE**



Material supporter



16m Double head milling machine



18m Pressure beam moving type milling machine

▶ **STRUCTURE AND PERFORMANCE**

Compared with the traditional edge milling machines, this machine series is dismantlable in their tracks, more rational in structure by heat-treatment of the bench, more reliable and stable in the milling & turning heads' running. The feed and feed-back systems are fully independent respectively. The feed-back is quick and is highly efficient. The angle of the milling tools' tray is convenient in adjustment, and the custom-built tool rest and the normal tool rest can be inter-converted. They are the updated products of the traditional edge milling machine.

▶ **MAIN TECHNICAL PARAMETER**

Type	XBJ-6	XBJ-9	XBJ-12
The angle milling		0-45°	
The thickness of being processed steel plate		6-50 mm	
The traveling speed of crosswise milling		0.2-0.6 m/min	
Back stroke milling speed		1.2 m/min	
The rev. speed of milling spindle		80-400 m/min	
The working pressure of hydraulic pressure system		≤3.5 mpa	
The numbers of the cylinders	8	11	15
The height between the platform and the ground		900 mm	
The power of driving motor		1.5 kw	
The power of milling motor		5.5 kw	
The power of oil pump motor	5.5 kw	5.5 kw	5.5 kw
The overall size of the machine(a×b×h) (mm)	8680×2600×2100mm	11680×2600×2300mm	14200×2600×2400mm



E-Long milling head



In milling process

▶ **H BEAM SECONDARY PROCESSING LINE**

▶ **TECHNICAL PERFORMANCE**

1. This equipment adopts Japanese FANUC eight-axis robot for three-dimensional space cutting;
2. Equipped with imported 3D off-line programming software to optimize the cutting path;
3. It can cut various profiles such as H beam, angle steel and grooved copper, and it supports the cutting of various profiles;
4. Using laser cutting to cut holes, fine plasma cutting bevel, lock, it has the advantages of high precision, smooth cutting surface;
5. Equipped with a dust recovery processor, which is environmentally friendly and clean;
6. Humanized interactive interface, simple and convenient operation, high degree of integration automation.



BOX BEAM PRODUCTION LINE → SERIES EQUIPMENT

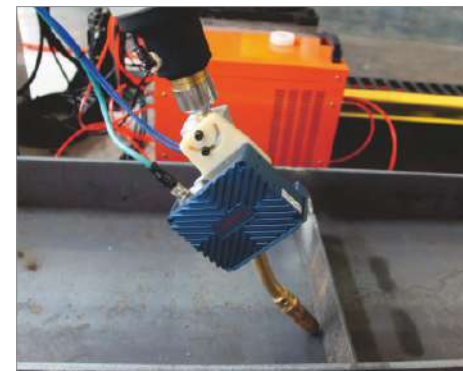
▶ ROBOT WELDING MACHINE

▶ TECHNICAL PERFORMANCE

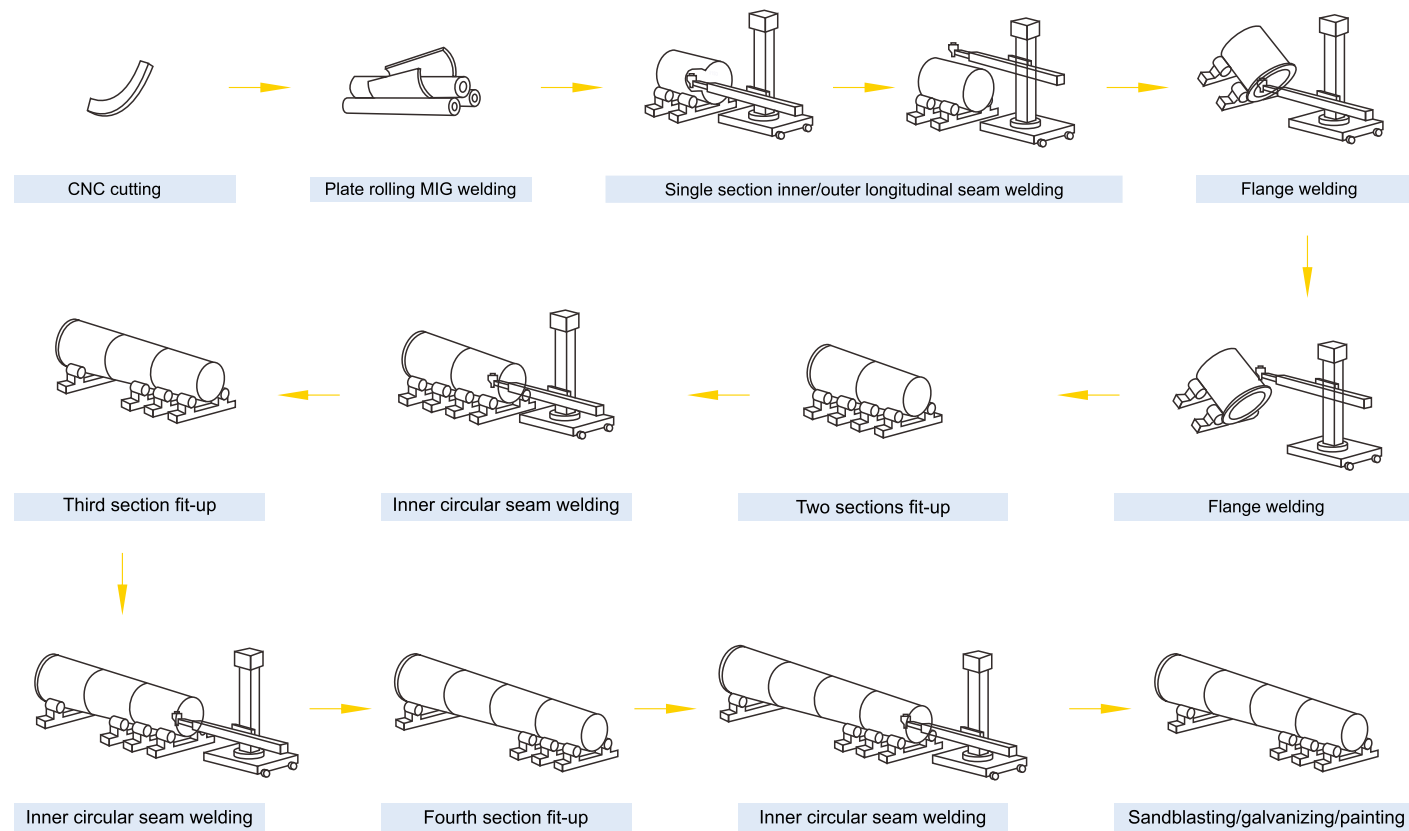
This set of equipment is mainly composed of movable gantry, longitudinal rail, rail bolster, arc welding robot, seam tracker, welding power source, control integrated system, etc. This set of equipment is mainly suitable for flexible welding of large-format structural parts. It has strong adaptability and can process diverse welding workpieces. The application of this set of equipment has greatly improved the quality stability and uniformity of the product, improved the production efficiency, improved the automation level of the enterprise, saved a large number of labor, reduced the labor cost of the enterprise, and enhanced the market competitiveness of the enterprise at the same time .



▶ GANTRY ROBOT WELDING MACHINE



WIND TOWER → PRODUCTION LINE



▶ WIND POWER TOWER PRODUCTION LINE MAINLY INCLUDES

▶ IT MAINLY INCLUDES

Material cutting equipment, cylinder longitudinal / circumferential seam welding equipment, cylinder hydraulic fit-up rotator, flange automatic welding equipment, sand blasting painting rotator, tower cylinder transfer equipment, etc. The whole production line can greatly improve the production efficiency, is the preferred product of wind power industry.

▶ The production process of wind power tower is generally as follows

CNC cutting machine, thick plate to be bevelled, roll plate to cylinder, spot welding, positioning, welding internal and external longitudinal seam, roundness check, if there is a problem, need to make secondary roundness correction, single section cylinder welding is completed, the hydraulic fit-up rotator is used to carry out spot welding, welding internal and external circumferential seam, checking straightness tolerance, welding flange, nondestructive weld testing and flatness inspection, sandblasting and spray painting, internal installation and finished product inspection, and then transport to the installation site.



cutting and feeding



Plate rolling machine



Longitudinal seam welding



Flange fit-up & welding



Circular seam welding



Sandblasting and painting

WIND TOWER PRODUCTION LINE

▶ CIRCUMFERENTIAL WELDING CENTER

▶ TECHNICAL PERFORMANCE

The circular seam welding center is mainly composed of welding manipulator, welding rotator and submerged arc welding machine, and adopts 3-in-1 control. The advanced welding process can make the weld seam have high strength and beautiful shape. It can be widely used in pressure vessels with high requirements and in petrochemical fields.



▶ LONGITUDINAL WELDING CENTER



▶ TECHNICAL PARAMETER OF AUTO-WELDING

Type	Heavy-duty			Middle-duty		Light-duty
	8×6	5×6	4×5	3.5×5	3×4	2×2
Effective stroke of vertical boom (mm)	8000	5000	4000	3500	3000	2000
Effective stroke of cross boom (mm)	6000	6000	5000	5000	4000	2000
The suitable diameter of cylinder (mm)	1000-8000	1000-5000	1000-4000	700-3500	700-3000	500-2000
Rotating angle of the vertical boom	± 180°	± 180°	± 180°	± 180°	± 180°	± 180°(manual)
Up and down speed of cross boom (m/min)	0.9	1	1	1	1	0.3
Expansion speed of cross boom (m/min)	0.12-1.2	0.12-1.2	0.12-1.2	0.12-1.2	0.12-1.2	0.12-1.2
Forward and backward speed of the trolley (m/min)	1.5	1.5	1.5	1.5	1.5	1.5
The center distance of the trolley track (mm)	2308	1780	1780	1780	1500	900

* Other specification can be got by call.

ASSISTANT WELDING MACHINE

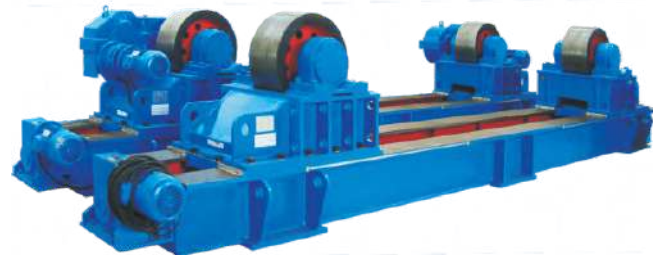
▶ CONVENTIONAL WELDING ROTATOR

▶ TECHNICAL PERFORMANCE

This series rolling welding rotator have the type of self-aligned, conventional, which are suitable for welding, polishing, glue-lining, and assembling of the cylinder body. Welding rotator can be auto adjusted according to the size and weight of cylinder and the center distance of the wheels on the welding rotator can be adjusted manually, which the speed-control mechanism accepts either the stepless speed change of electromagnetic slip motor or the AC frequency conversion speed-changing mechanism to improve the reliability of operating. The company also can customize welding rotator in all varieties according to clients' requirements.



▶ 20 T Conventional Welding Rotator



▶ 300t Motorized Screw Type Conventional Rotator



▶ Screw Type Welding Rotator



▶ 630 T Conventional Welding Rotator

▶ 250 T Conventional Welding Rotator

▶ Technical parameter of conventional welding rotator

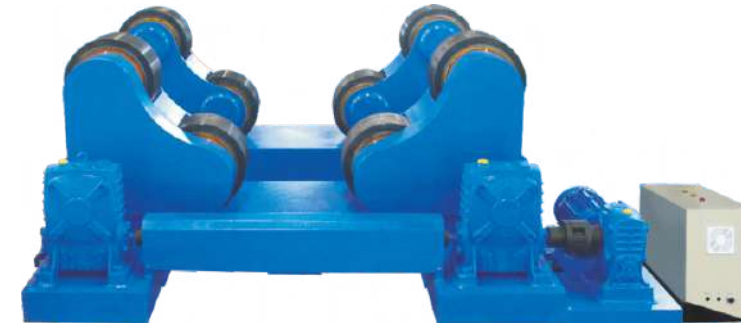
Type	Max load weight(kg)	Range of suitable workpiece(mm)	Diameter and width of the wheel(mm)		wheel linear speed(m/h)	Power of motor(kw)	Way of setting
			Rubber rollers	Metal rollers			
GLHK-3	3000	Φ250~Φ1800	Φ200×100	2×Φ194×20	6~60	2×0.25	AC converter stepless speed adjust or electro-magnetic speed adjust
GLHK-5	5000	Φ250~Φ2300	Φ250×100	2×Φ240×20		2×0.37	
GLHK-10	10000	Φ320~Φ2800	Φ300×120	2×Φ290×25		2×0.55	
GLHK-20	20000	Φ500~Φ3500	Φ350×120	2×Φ340×30		2×1.1	
GLHK-40	40000	Φ600~Φ4200	Φ400×120	2×Φ390×40		2×1.5	
GLHK-60	60000	Φ750~Φ4800	Φ450×120	2×Φ440×50		2×2.2	
GLHK-80	80000	Φ850~Φ5000	Φ500×120	2×Φ490×60		2×3	
GLHK-100	100000	Φ1000~Φ5500	Φ500×120	2×Φ490×70		2×4	
GLHK-160	160000	Φ1100~Φ6000	—	Φ620×220		2×4	
GLHK-250	250000	Φ1200~Φ7000	—	Φ700×280		2×5.5	
GLHK-500	500000	Φ1500~Φ8000	—	Φ850×350		2×11	
GLHK-630	630000	Φ1500~Φ9000	—	Φ900×380		2×11	

▶ SELF-ALIGNED WELDING ROTATOR

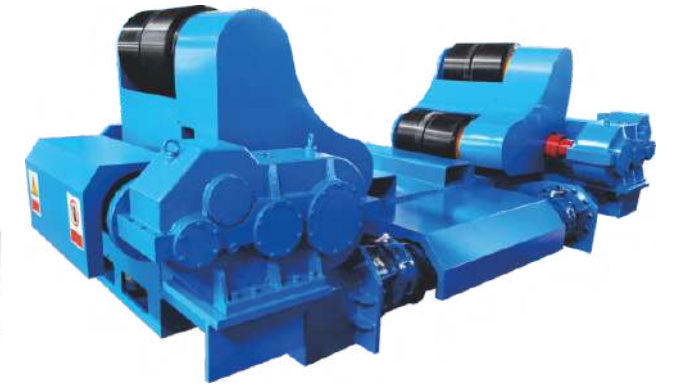
▶ TECHNICAL PERFORMANCE

The GLHZ series welding rotator is absorbing advantages of similar products at home and abroad, and designed and manufactured by us according to the operation requirements of several pressure vessel factories, and accord with mechanical standard JB/T 9187-1999 It is the device for special purpose adopted to weld metal cylinder especially pressure vessel. It has advantages of advanced technology, reliable quality and simple operation.

This is self-aligned welding rotator which suitable for different diameter jobs in the range, and it has advantages of stepless speed adjust, low noise transmission and stable turning under the welding parameter in the range.



▶ GLHZ Self-aligned Welding Rotator



▶ GLHZ-300 Self-aligned Welding Rotator



▶ Technical Parameter of Self-Aligned Welding Rotator

Type	Max load weight(kg)	Suitable diameter of vessel(mm)	Diameter and width of the wheel(mm)		wheel linear speed(m/h)	Power of motor(kw)	Way of setting
			Rubber rollers	Metal rollers			
GLHZ-5	5000	Φ250-Φ2300	Φ250×100	2×Φ240×20	6~60	0.75	AC converter stepless speed adjust or electro-magnetic speed adjust
GLHZ-10	10000	Φ320-Φ2800	Φ300×120	2×Φ290×25	6~60	1.1	
GLHZ-20	20000	Φ500-Φ3500	Φ350×120	2×Φ340×30	6~60	2.2	
GLHZ-40	40000	Φ600-Φ4200	Φ400×120	2×Φ390×40	6~60	3	
GLHZ-60	60000	Φ750-Φ4800	Φ450×120	2×Φ440×50	6~60	4	
GLHZ-80	80000	Φ850-Φ5000	Φ500×120	2×Φ490×60	6~60	4	
GLHZ-100	100000	Φ1000-Φ5500	Φ500×120	2×Φ490×70	6~60	5.5	
GLHZ-150	150000	Φ1100~Φ6000	—	Φ600×280	6~60	7.5	
GLHZ-250	250000	Φ1200~Φ7000	—	Φ700×300	6~60	2×5.5	
GLHZ-500	500000	Φ1800~Φ8000	—	Φ850×350	6~60	2×7.5	

ASSISTANT WELDING MACHINE



FIT-UP ROTATOR

▶ ANTI-CREEP WELDING ROTATOR

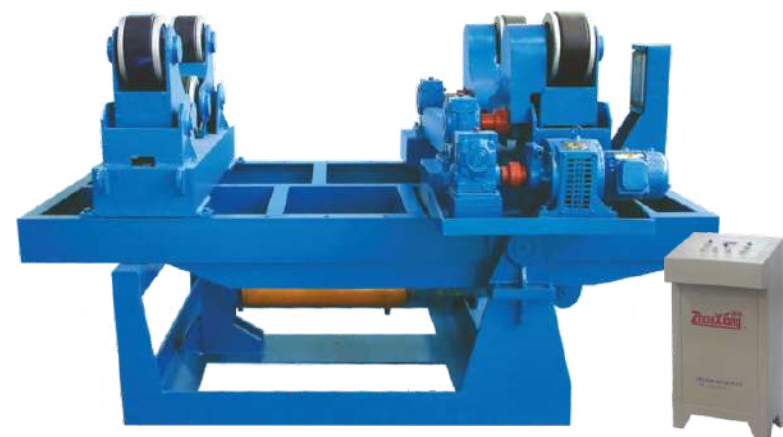
▶ TECHNICAL PERFORMANCE

This product is according to the cause of the workpiece shaft direction creep. When workpiece rotating, it do spinal running then cause shaft direction creep-through elevating of idle rotator, change the screw angle between workpiece shaft line and rotator shaft line, to make the shaft displacement direction of workpiece change.

This product is designed separately at the basis of abroad advanced experience and according to industry standard. It is especially suitable for heavy workpiece and surfacing weld and clearance weld which have high requirement on precision of welding seam position and stability of welding speed.



▶ TILTING ROTATOR



▶ Technical parameter of hydraulic Fit-up roll

Description		Tilting rotator	
Model	QGLJ10	Roller linear speed (m/h)	6-60 m/h
Rated load capacity (Kg)	10000 kg	Motor power (Kw)	1.1 kw
Vessel diameter (mm)	φ 320- φ 2800 mm	Speed adjust way	Frequency stepless speed adjust

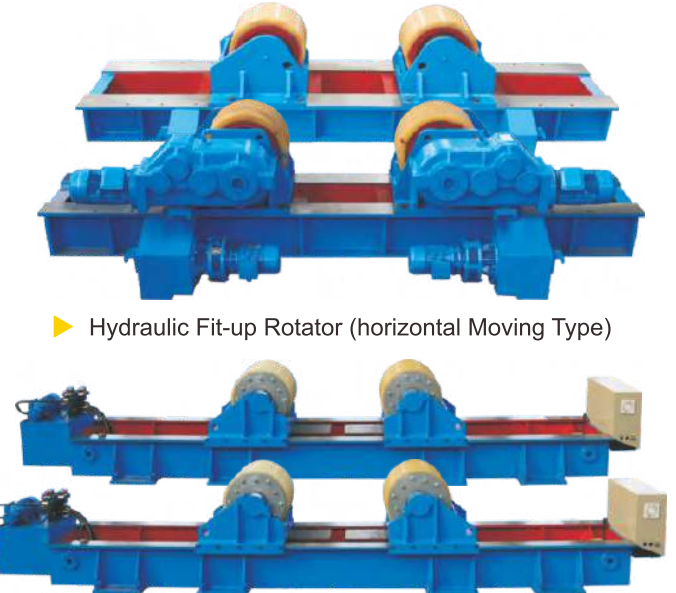
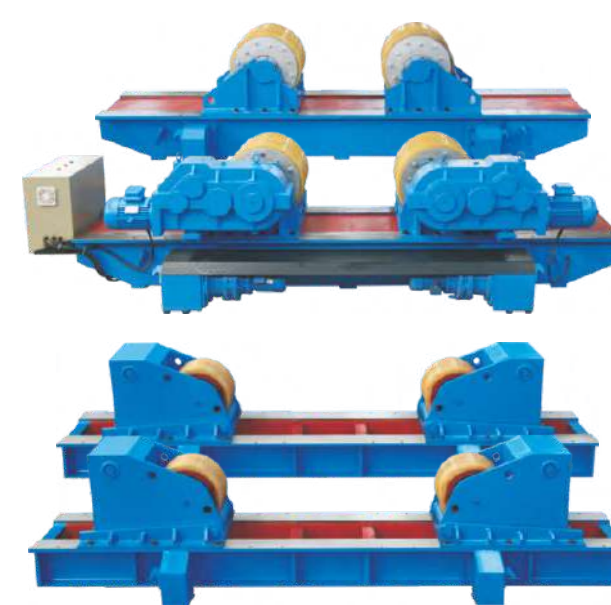
FIT-UP ROTATOR



▶ HYDRAULIC FIT-UP ROTATOR

▶ TECHNICAL PERFORMANCE

Similar to the Fit-Up Bed, this Fit-Up Rotator is mainly used for joining of long pipe such as in wind tower application. It has four independent fit-up rolls that perform the fit-up process, and is used jointly with standard conventional powered and idler rotator.



▶ Hydraulic Fit-up Rotator (horizontal Moving Type)

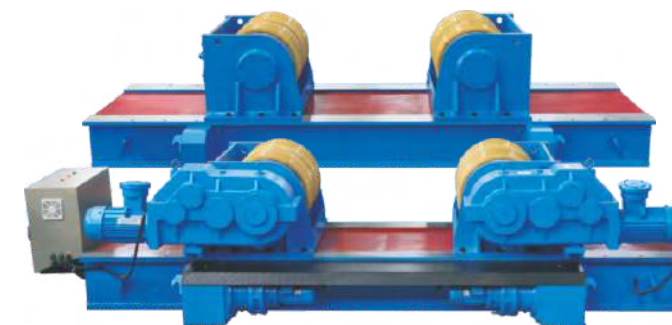
▶ Technical parameter of hydraulic Fit-up rotator

Type	Max load weight(kg)	Range of suitable workpiece(mm)	Diameter and width of rubber rollers(mm)	wheel linear speed(m/h)	Power of motor(kw)	Inner distance of rail(mm)	Way of setting
ZHGK-40	40000	Φ2000~Φ4800	Φ400×210	6~60	2×1.5	1700	AC converter stepless speed adjust or electro-magnetic speed adjust
ZHGK-60	60000	Φ2500~Φ5000	2×Φ520×178	6~60	2×2.2	2000	

▶ ROTATOR FOR BLASTING AND PAINTING

▶ TECHNICAL PERFORMANCE

This welding rotator is special equipment which is mainly used for shot blasting and spray coating for wind tower pole, the material adopts high-quality polyurethane which protect the surface of workpiece effectively.



▶ Technical parameter of rotator for blasting and painting

Description	80T rotator for blasting and painting
Model	GLHK80Y
Rated load capacity (Kg)	80000
Vessel diameter (mm)	2000-5000
Roller linear speed (m/h)	6-60
Motor power (Kw)	2 × 3
Speed adjust way	Frequency stepless speed adjust
Inner distance of rail (mm)	1700

ASSISTANT
WELDING MACHINE

WELDING POSITIONER SERIES

500KG L TYPE ELEVATING AND DOUBLE TURNING POSITIONER



Description	500Kg L type elevating double turning positioner
Rated load capacity(kg)	500Kg
Table diameter(mm)	Φ1000mm
Rotating speed(rpm)	0.5~1rpm
elevating distance(mm)	500mm
overturning angle(°)	0~ ± 180°



HEIGHT ADJUSTABLE WELDING POSITIONER



HYDRAULIC ELEVATING POSITIONER



MINI CHUCK TYPE POSITIONER



100 KG POSITIONER



50T TURNING TABLE



20T TILT TYPE POSITIONER

WELDING POSITIONER SERIES

TECHNICAL PERFORMANCE

The welding positioner includes various types such as sidelurch style, head & end single rotary type, head & end double rotary style and etc. With gyration and upturning of working table, the welding and fitting can be located at the right position. If connected with other welding devices, it can be turned into a half-automatic or full automatic welding machine. The gyration of working table can use electromagnetic speed variation or frequency control.

Because of eccentricity and gravity, it is better to choose a bigger type for long workpieces or those with too much gravity center deviation. The shape and weight of workpieces, process and working method are provided, our company shall supply a prompt scheme for your reference.



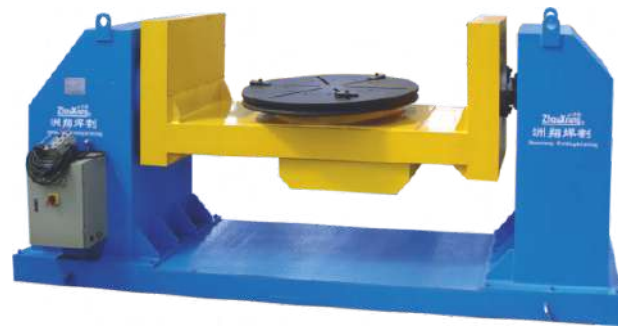
STANDARD TECHNICAL PARAMETER OF WELDING TURNING POSITIONER

Type	HBZ-1	HBZ-3	HBZ-6	HBZ-10	HBZ-30	HBZ-50	HBZ-100	HBZ-200
Rated load (kg)	100	300	600	1000	3000	5000	10000	20000
Rotating speed (rpm)	0.12~1.2	0.2~2	0.09~0.9	0.05~0.5	0.05~0.5	0.05~0.5	0.017~0.17	0.015~0.15
Overturning angle (°)	0~90°	0~90°	0~90°	0~120°	0~120°	0~120°	0~120°	0~120°
Size of working table (mm)	Φ 400	Φ 600	Φ 1000	Φ 1200	Φ 1400	Φ 1500	Φ 2000	Φ 2300
Motor power (kw)	Rotating	0.18	0.37	0.75	1.1	1.5	2.2	3
	Overturning	0.18	0.37	0.75	1.5	1.5	4	5.5
Way of setting	Frequency control							

ASSISTANT
→ **WELDING MACHINE** →

▶ **WELDING POSITIONER SERIES**

▶ **HEAD AND TAIL POSITIONER (SPECIAL ORDER)**



Description	Head and tail positioner
Model	SHB2000
Rated load capacity (Kg)	2000
Table diameter (mm)	1000
Overturning speed (rpm)	0.06-0.6
Motor power (Kw)	0.75/1.1
Speed adjust way	Constant speed/ Frequency stepless speed adjust

▶ **L TYPE POSITIONER (SPECIAL ORDER)**



Description	L type positioner
Model	LHB2000
Rated load capacity (Kg)	2000
Overturning speed (rpm)	0.15-0.76
Rotating speed (rpm)	0.14-0.7
Motor power (Kw)	1.5/1.1
Speed adjust way	Frequency stepless speed adjust

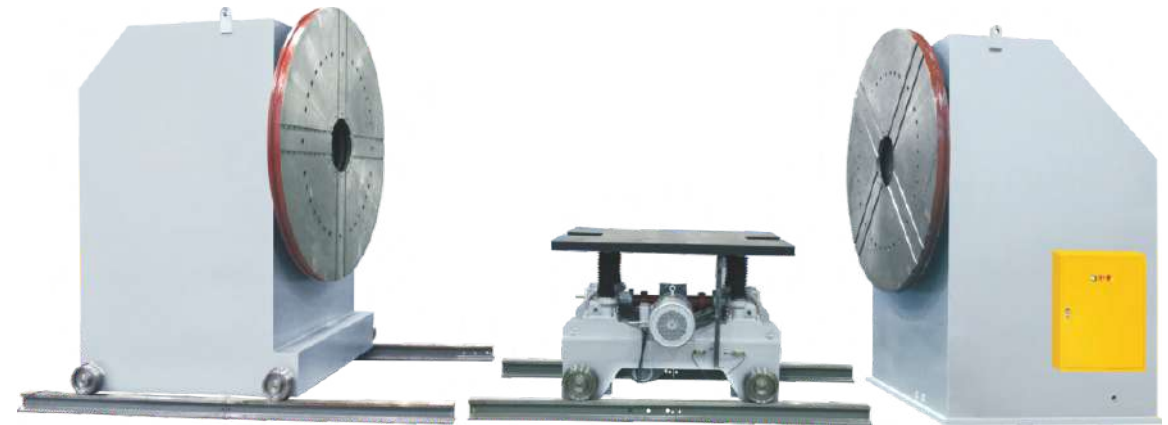
▶ **TURNING TABLE (SPECIAL ORDER)**



Description	Turning table
Model	HZT-03
Rated load capacity (Kg)	3000
Table diameter (mm)	φ 3000
Overturning speed (rpm)	0.02-0.2
Motor power (Kw)	0.75
Speed adjust way	Frequency stepless speed adjust

▶ **WELDING POSITIONER SERIES**

▶ **50T HEAD AND TAIL POSITIONER(SPECIAL ORDER)**



▶ **TECHNICAL PERFORMANCE**

This positioner is head and tail positioner adopting with fixed way. Tail frame adopts with Electric mobile way. It can suitable for different length workpiece. The workpiece can overturn by head frame driving device, so that it can make the best position to welding conveniently. Meanwhile the equipment can be combined with other welding equipment to achieve automatic welding. It can increase productive efficiency and improve quality. It is one of the necessary equipments for welding large ton workpiece.

This machine has two functions: one is elevating, another is moving. Elevating adopts four screws to lift the synchro lifting. Moving adopts motor reducer driving roller to move freely on track. It features stable elevating, flexible moving and so on. It is one of the installation and the operation of the necessary equipment.

▶ **50T HEAD AND TAIL POSITIONER(SPECIAL ORDER) TECHNICAL PARAMETER**

Model	HBT-500
Rated load capacity	50T
Rotary eccentricity	200mm
Rotary center distance	2280mm
Table diameter(mm)	2500mm
Overturning speed(rpm)	0.04-0.4 rpm
Table rotary power	15kw
Table rotary torque	110000N · m
Tail frame movement speed	1000mm/min
Tail frame shift motion	5500mm
Gauge	2000mm

▶ **50T ELEVATING AND MOVING PLATFORM TECHNICAL PARAMETER**

Model	SJPT-500
Rated load capacity	50T
Elevating route	500mm
Table length and width (mm)	1500mm*1800mm
Elevating motor power	11kw
Elevating platform speed of travel	1000 mm/min
Elevating platform inside gauge	1250mm

HEAVY INDUSTRY MACHINE

W12NC 4-ROLLER ROLLING MACHINE

TECHNICAL PERFORMANCE

Convenient centring and widely used, the 4-roller rolling machine can straighten skew and mismatch deformations while rolling. And it can finish pre-bending and roll plate by feeding once. With little straight flange left, it is ideal equipment for rolling round-shaped and arc-shaped plate.



TECHNICAL PARAMETER

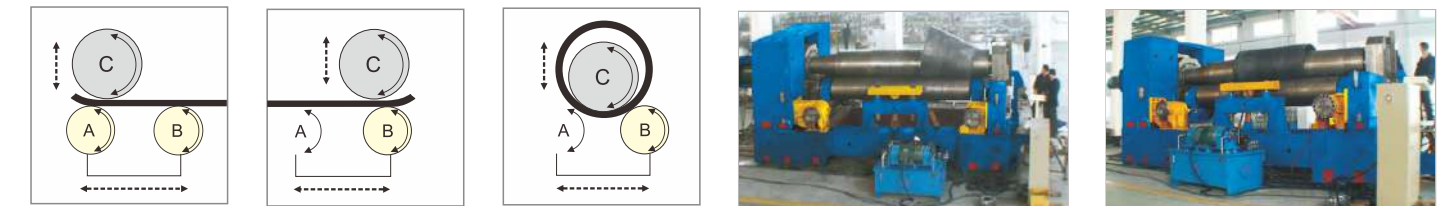
Technical Parameter	Specification												
	W12NC-12X2000	W12NC-12X2500	W12NC-16X2000	W12NC-16X2500	W12NC-20X2000	W12NC-20X2500	W12NC-25X2500	W12NC-20X3000	W12NC-25X3000	W12NC-30X3000	W12NC-40X3000	W12NC-50X3000	W12NC-60X3000
Max Thickness of Rolling Plate(mm)	12	12	16	16	20	20	25	20	25	30	40	50	60
Max Pre-bending Thickness(mm)	10	10	12	12	16	16	20	16	20	25	32	40	50
Max Width of Rolling Plate(mm)	2000	2500	2000	2500	2000	2500	2500	3000	3000	3000	3000	3000	3000
Plate yield Limit(MPa)	245	245	245	245	245	245	245	245	245	245	245	245	245
max spec. min bending diameter(mm)	600	800	700	800	800	900	1000	1100	1200	1300	1300	1800	2000
Dia.of Upper Roller(mm)	300	330	330	350	350	400	430	450	480	480	560	650	680
Dia.of Lower Roller(mm)	280	300	300	320	320	360	400	400	430	460	520	580	620
Dia.of Side Roller(mm)	200	220	230	260	260	300	320	320	340	360	420	480	520
Rolling speed(m/min)	5.5	5	5	4.5	4.5	4.5	4.5	4	4	4	3	3	3
Main Motor Power(kw)	15	15	18.5	22	15	22	30	30	37	37	45	55	55

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W11XNC HORIZONTAL DOWN ROLLER ADJUST 3-ROLLER ROLLING MACHINE

TECHNICAL PERFORMANCE

- The upper roller can move vertically. The lower rollers can move horizontally. It has double functions of pre-bending and roll. And it can finish pre-bending and roll steel plate by feeding once.
- The three rollers are driving-roller. It can prevent skidding while rolling thin plates and enlarge the rolling scope.
- The three rollers have brake devices installed while revolving. It can make sure precise position and safe operation while rolling.
- The upper roller can tilt to one end. And both ends of the upper roller can move up and down at the same time when it's tilted. It is benefit for rolling tapered workpiece.
- The main driver of the upper driver is supplied by multi-motor. It can reduce occupying area of the equipment because of compact structure.
- It's controlled by micro-machine and has digital display, simply operation and high efficiency.
- With reasonable structure and reliable working performance, it fits to roll medium and thick steel plates.



TECHNICAL PARAMETER

Spec	Max Thickness of Rolling Plate (mm)	Max Pre-bending Thickness (mm)	Max Width of Rolling Plate (mm)	Plate yield Limit (Mpa)	max spec. min bending diameter (mm)	Dia. Of Upper Roller (mm)	Dia. Of Lower Roller (mm)	center distance of lower roller (mm)	Rolling Speed (m/min)	Main Motor Power (kw)
W11XNC-60×2500	60	50	2500	245	1800	640	520	650	3.5	2×22
W11XNC-60×3200	60	50	3200	245	2000	700	560	700	3.5	2×22
W11XNC-60×4000	60	50	4000	245	2500	760	600	850	3	2×30
W11XNC-70×2500	70	60	2500	245	2000	700	560	700	3	2×30
W11XNC-70×3200	70	60	3200	245	2000	720	600	900	3	2×30
W11XNC-70×4000	70	60	4000	245	2500	820	630	900	3	2×30
W11XNC-80×3000	80	70	3000	245	2000	770	600	900	3	2×30
W11XNC-80×4000	80	65	4000	245	3000	900	700	1000	3	2×30
W11XNC-100×3000	100	85	3000	245	2800	900	680		3	4×22
W11XNC-100×4000	100	85	4000	245	3500	980	500	500	3	4×30
W11XNC-120×3000	120	100	3000	245	3000	950	720		3	4×30
W11XNC-120×4000	120	100	4000	245	4000	1020	550	550	3	4×30
W11XNC-140×3500	140	120	3500	245	3500	1020	520	550	3	4×30
W11XNC-140×4000	140	120	4000	245	4000	1100	600	650	3	4×45
W11XNC-160×4000	160	140	4000	245	4000	1280	650	650	3	4×55
W11XNC-180×4000	180	160	4000	245	4000	1350	1100		2.5	4×55

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HEAVY INDUSTRY → MACHINE

▶ W11SNC UPPER ROLLER MULTI-FUNCTION 3-ROLLER ROLLING MACHINE

▶ TECHNICAL PERFORMANCE

- **High precision end pre-bending** The straight edge length can be set freely, the upper roller press to pre-bend.
- **NC control, high productivity** Parameters are controlled by NC, easy for operation, improve the productivity greatly.
- **Good accuracy** The upper roller is like a drum, the lower rollers assorted with it through support rollers. Bend continuously, can roll ideal products from thin to thick plates widely.
- **Safety** The lower rollers are fixed, the upper roller move vertically and horizontally. The job does not move with the working rollers.
- **Complete structure, simple foundation, convenient move.** The machine has unitary basement, does not need earth bolts, has simple foundation, can move conveniently.



▶ TECHNICAL PARAMETER

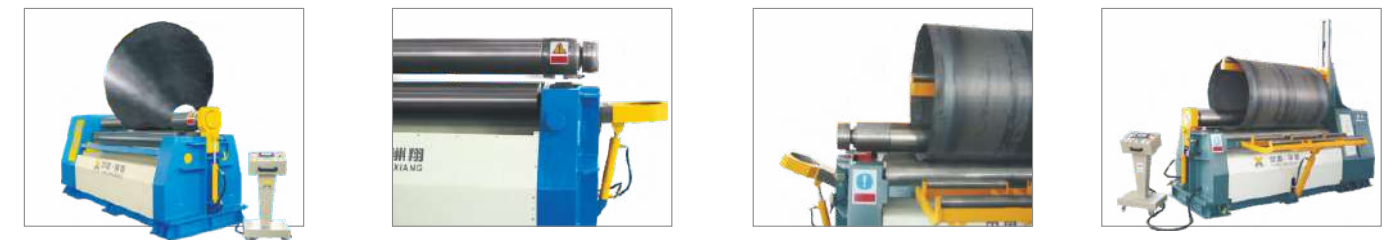
Spec	Pressure of Upper roller (Tons)	Max thickness		Max width (mm)	Plate yield Limit (Mpa)	max spec. min bending diameter (mm)	Dia. of upper roller (mm)	Dia. of lower roller (mm)	center distance of lower roller (mm)	Rolling Speed (M/min)	Main Motor power (KW)
		End (mm)	middle (mm)								
W11SNC-15×2000	75	12	15	2000	245	600	255	150	245	4	7.5
W11SNC-20×2000	100	16	20	2000	245	800	320	180	300	4	15
W11SNC-20×2500	160	16	20	2500	245	800	330	180	300	4	15
W11SNC-20×3000	200	16	20	3000	245	800	380	220	360	4	22
W11SNC-25×2500	190	20	25	2500	245	900	380	220	360	4	22
W11SNC-25×4000	270	20	25	4000	245	1400	490	250	400	4	30
W11SNC-30×2500	240	25	30	2500	245	1100	430	235	380	4	30
W11SNC-30×3000	320	25	30	3000	245	1200	480	260	420	4	37
W11SNC-30×4000	380	25	30	4000	245	1400	550	275	460	4	45
W11SNC-40×2500	380	32	40	2500	245	1400	520	290	500	4	55
W11SNC-40×3000	430	30	40	3000	245	1600	560	290	500	4	55
W11SNC-40X4000	540	30	40	4000	245	2000	630	340	610	3.5	75
W11SNC-45X4000	610	35	45	4000	245	2000	660	360	650	3.5	75
W11SNC-50X4000	690	40	50	4000	245	2000	700	380	700	3.5	75
W11SNC-60X3000	690	50	60	3000	245	2000	700	410	700	3.5	90
W11SNC-70X3000	850	60	70	3000	245	2200	740	420	780	3.5	90

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▶ W11HNC ARC DOWN-ADJUSTING 3-ROLLER ROLLING MACHINE

▶ TECHNICAL PERFORMANCE

- The upper roller is fixed. The two lower rollers can move up and down in arc way around fixed roller. It can finish pre-bending and rolling by feeding once.
- The three rollers are driving-roller. It can prevent skidding while rolling thin steel plate.
- It's controlled by micro-machine and has digital display, simply operation and high efficiency.
- With compact structure, it is economical and practical and fit for rolling thin and medium plates.



▶ TECHNICAL PARAMETER

Spec	Max Thickness of Rolling Plate (mm)	Max Pre-bending Thickness (mm)	Max Width of Plate (mm)	Plate yield Limit (Mpa)	max spec. min bending diameter (mm)	Dia. Of Upper Roller (mm)	Dia. Of Lower Roller (mm)	Rolling Speed (m/min)	Main Motor Power (kw)
W11HNC-6×2000	6	4	2000	245	600	220	210	5.5	5.5
W11HNC-8×2500	8	6	2500	245	650	240	240	5	11
W11HNC-12×2000	12	8	2000	245	700	250	250	5	11
W11HNC-15×2000	15	10	2000	245	700	300	300	5	15
W11HNC-16×2500	16	12	2500	245	800	330	320	5	18.5
W11HNC-20×2000	20	16	2000	245	800	320	320	4.5	22
W11HNC-20×2500	20	16	2500	245	900	350	340	4.5	22
W11HNC-25×2000	25	20	2000	245	850	330	330	4.5	22
W11HNC-25×3000	25	20	3000	245	1300	460	460	4	30
W11HNC-30×2000	30	25	2000	245	1300	420	420	4	30
W11HNC-40×2000	40	32	2000	245	1500	550	550	3	37

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HEAVY INDUSTRY MACHINE

▶ JW PROFILE BENDING MACHINE

▶ TECHNICAL PERFORMANCE

- The two lower rollers can elevate around the fixed axis. This machine can bend and rectify all kinds of profile by feeding once.
- The three rollers are driving-roller. So it can prevent skidding while bending profile with thin wall and big section.
- It has support rollers and rotating device. So it's convenient to bend unsymmetrical profile.
- It has reasonable structure, complete functions and takes up a small area.
- It has digital display, convenient operation and high efficiency.
- It's economical and practical as this machine can bend various of profile with different section only by changing relative mould.



▶ TECHNICAL PARAMETER

Model	JW-50S	JW-75S	JW-89S	JW-115S	JW-159S	
Max Section Modulus of Elasticity(cm ³)	6	16	30	45	100	
Profile yield Limit(MPa)	δ S=245					
Steel Pipe	Max Section	42X3	76X3	89X5	114X5	159X5
	Min Bending Dia.	500	800	1000	1250	1600
	Min Section	14X2	20X2	25X2	25X2	28X2.3
Angle Iron Incurvature	Max Section	45X45X5	70X70X8	75X75X10	100X100X12	110X110X14
	Min Bending Dia.	700	1200	1200	1300	1600
	Min Section	20X20X3	30X30X3	35X35X3	36X36X3	40X40X4
Angle Iron Excurvature	Max Section	50X50X6	75X75X10	90X90X10	100X100X16	120X120X16
	Min Bending Dia.	700	1000	1150	1300	1600
	Min Section	20X20X3	30X30X3	35X35X3	36X36X3	40X40X4
Channel Steel Incurvature	Model	5	8	12.6	16	22
	Min Bending Dia.	560	1000	1000	1350	1500
Channel Steel Excurvature	Model	8	14	16	18	22
	Min Bending Dia.	500	800	800	1300	1400
Flat Steel Bend In Ease Way	Max Section	100X18	150X25	180X25	220X30	250X40
	Min Bending Dia.	500	700	900	1000	1200
Flat Steel Bend In Hard Wa	Max Section	50X12	75X16	90X20	95X30	120X40
	Min Bending Dia.	500	900	900	1000	1200
Round Steel	Max Section	30	50	65	75	90
	Min Bending Dia.	450	600	700	800	1000
Dia. of Standard Module (mm)		220	350	360	385	460
Rolling Speed (m/min)		5.5	5	5	5	4.5
Main Motor Power(kw)		2.2	7.5	11	11	15

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▶ JW PROFILE BENDING MACHINE

▶ TECHNICAL PERFORMANCE

- Processes hydraulic transmission with compact form and high reliability.
- Do not skid easily with three rollers drive and can roll material with thin wall thickness.
- Can feed in both sides.
- This machine drives stably and can processing different round, arc and spire.
- It can process different profiles like angle iron, flat iron, round pipe and other different sections.
- It can produce profiles with large radius without making super size moulds.



▶ TECHNICAL PARAMETER

Model	JW-168S	JW-180S	JW-219S	JW-245S	JW-273S	
Max Section Modulus of Elasticity(cm ³)	140	180	280	320	500	
Profile yield Limit(MPa)	δ S=245					
Steel Pipe	Max Section	168X6	180X8	219X8	245X8	273X10
	Min Bending Dia.	2000	2400	2600	3500	5000
	Min Section	32X3	35X3	42X3	76X4	89X4
Angle Iron Incurvature	Max Section	140X140X10	150X150X12	160X160X12	180X180X14	200X200X20
	Min Bending Dia.	2500	2700	3000	3600	4200
	Min Section	45X45X5	50X50X6	60X60X6	70X70X5	75X75X10
Angle Iron Excurvature	Max Section	140X140X16	150X150X16	160X160X16	180X180X16	200X200X24
	Min Bending Dia.	2300	2600	2800	3500	4200
	Min Section	45X45X5	50X50X6	60X60X6	70X70X5	75X75X10
Channel Steel Incurvature	Model	28	30	32	36	40
	Min Bending Dia.	1700	2000	3000	3500	4000
Channel Steel Excurvature	Model	28	30	32	36	40
	Min Bending Dia.	1600	1800	3000	3500	4000
Flat Steel Bend In Ease Way	Max Section	280X50	280X60	320X60	350X60	500X75
	Min Bending Dia.	1300	1400	2000	2400	4800
Flat Steel Bend In Hard Wa	Max Section	150X35	180X32	190X45	190X50	200X60
	Min Bending Dia.	1300	1400	2000	2400	4800
Round Steel	Max Section	105	110	140	145	160
	Min Bending Dia.	1100	1200	2000	1600	1800
Dia. of Standard Module (mm)		500	550	600	650	800
Rolling Speed (m/min)		4	4	3	3	3
Main Motor Power(kw)		15	18.5	18.5	30	22

1. product is always improved, if technical parameter on catalogue is different from real product data, that will according to technical agreement.
2. the specification list on catalogue is our standard product, customer can order special product according to requirements.

COMPONENTS OF NC PIPES

➔ PREFABRICATE PRODUCTION LINE

▶ **SHORT PIPE FLANGE WELDING CENTER**

▶ **TECHNICAL PERFORMANCE**

According to production technology, main equipments including raw material feeding frame (prepared by user), raw material auto feeding, roller auto conveyor, lifting and transferring roller, NC double shaft CNC flame/ plasma cutting machine (including cutting elevating slewing roller and auto cutting cart), products auto output roller, products auto blanking roller, products blanking frame, GPK-630 type high speed beveling machine, hydraulic control part and electrical control part.

The pipe auto combination machine including 1T adjustable positioner, cantilever welding machine, elevating support frame and electrical control part for each machine.

SHQ mini manipulator

Model	SHQ-1	SHQ-2
Effective boom elevating stroke	750mm	1500mm
Effective boom expansion stroke	450mm	900mm
Elevating speed	400mm/min	400mm/min
Expansion way	manual	manual
Moving cart gauge	600mm	600mm



Adjustable positioner

Model	SHB-10
Load capacity	1000kg
Rotating speed	0.12 ~ 1.2rpm
Overturning speed	0.34rpm
Overturning angle	0 ~ 120°



Welding oscillator

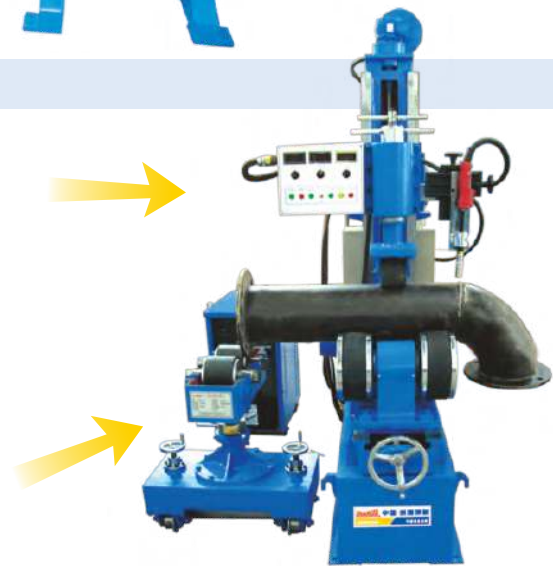
model	WOS-3000
swing range	± 25mm
frequency	0 ~ 120 times/min
left-right time delay	0.2 ~ 2S



1T ELEVATING WELDING POSITIONER (WITH CHUCK)

Pinch type rotator

model	PPAW-05
load capacity	5000 kg
suitable workpiece range	φ 80 ~ φ 610mm
roller linear speed	120 ~ 1200mm/min

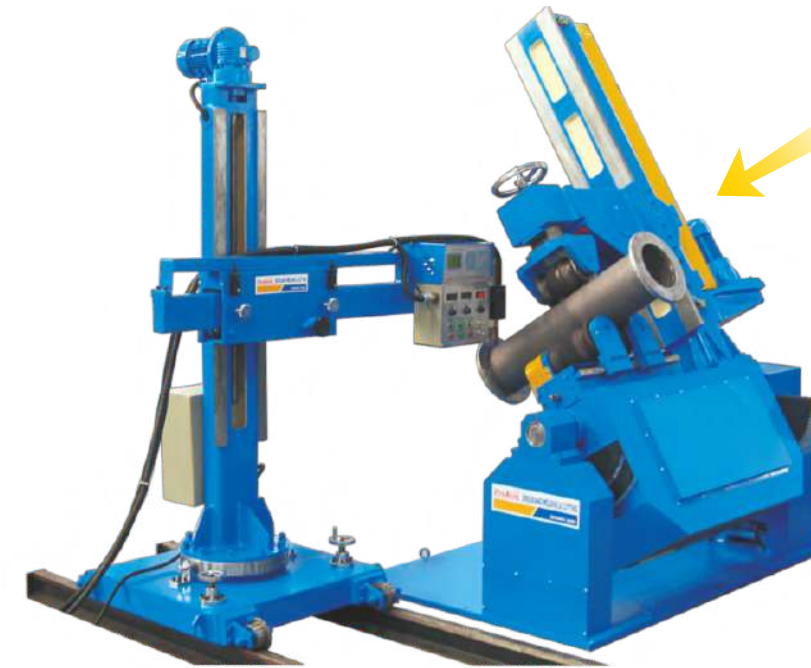


Adjustable supporter

model	SZJ-1
load capacity	5000kg
elevating stroke	280mm



▶ **SHORT PIPE FLANGE WELDING CENTER**



Pinch and turning rotator

Model	GGLJ-1000	GGLJ-600
Suitable pipe diameter	φ 160 ~ φ 1000mm	φ 60 ~ φ 600mm
Load capacity	3000KG	2000KG
Roller linear speed	100 ~ 1000mm/min	120 ~ 1200mm/min
Elevating speed	430mm/min	300mm/min

Short pipe auto welding combination

- Adjustable welding positioner
- microminiature welding manipulator
- welding oscillator
- kemppi multi-function welder



Middle pipe auto welding combination

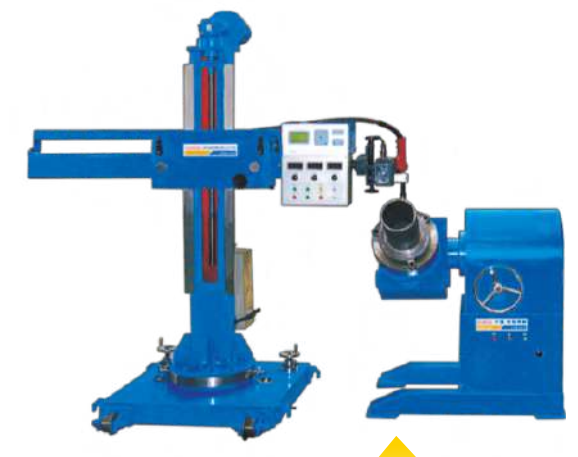
- press rotary rotator
- microminiature welding manipulator
- conventional rotating support frame
- welding oscillator
- kemppi multi-function welder



Long pipe auto welding combination

- press rotary rotator
- microminiature welding manipulator
- conventional rotating support frame
- welding oscillator
- kemppi multi-function welder

▶ **PRECISION TYPE WELDING MANIPULATOR AND DOUBLE CHUCK WELDING POSITIONER**



SSH B double chuck positioner

model	SSH B-1
max load capacity	100kg
pipe diameter	10 ~ 315mm
rotating speed	0.4 ~ 4rpm

ZHOUXIANG WELDER

CO₂ WELDING SERIES

PLASMA CUTTER SERIES

▶ MODEL NBC INVERTER CO₂ WELDER



NBC-500D

▶ TECHNICAL PERFORMANCE

1. Adopting IGBT power module, amorphous alloy magnetic core and fast return power diode as power inverter and transfer key component.
2. Adopting high performance 16 bit DSP chip as main control chip, high controlling precision and fast response speed.
3. Having the function of parameter preset function and can save current parameter calling preset parameter.
4. Adopting new technology, like wave control and elect ronical reactor.
5. Wire feeding circuit adopting PWM speed adjustment, stable wire feeding and low welding spatter.
6. Suitable for mild carbon steel, stainless steel, aluminium and all unium alloy material welding.(2 and 3 only suitable for NBM)

Item	Type	NBC-250D	NBC-350D	NBC-500D
Rated input voltage		3~380V 50Hz		
Rated input current		13A	25A	43A
Rated input capacity		9KVA	14kVA	23.5kVA
No-load voltage		60V		
No-load loss		65W		80W
Voltage range		16±1V-40±2V		16±1V-46±2V
Current output range		40-250A	50-350A	50-500A
Adapted welding wire		φ0.8、φ1.0	φ0.8、φ1.0、φ1.2	φ1.0、φ1.2、φ1.6
Rated load cycle		X=60%		
Efficiency		η ≥ 0.85		
Power factor		λ ≥ 0.7-0.9		
Cover protective degree		Ip21		
Cooling mode		Wind cooling		
Weight		35kg	45kg	70kg
Dimension(L×W×H)		590×310×540mm		650×310×540mm

▶ MODEL ZKR THYRISTOR CO₂ WELDER



ZKR-350

▶ TECHNICAL PERFORMANCE

1. Adopt import thyristor module and integrated circuit control technology.
2. Welding arc is stable, good adjust capacity, it can suit all direction welding: it has little spatter.
3. Wire diameter select and arc holding selector "yes/no".
4. Solid / flux cored welding.
5. Easy to increase function and extend length of cable.
6. The machine is strong, reliable and wearable. It can suitable for adverse circumstances.
7. Comparing with welding rod welding, the efficiency improved three times.

Item	Type	ZKR-200	ZKR-350	ZKR-500	ZKR-630
Rated input voltage		3~380V 50Hz			
Rated input capacity		7.6kVA	18.1kVA	32kVA	46kVA
Rated load volt age		24V	31.5V	39V	44V
Rated current current		200A	350A	500A	630A
Working curent range		50-200A	60-350A	60-500A	80-630A
Working curent range		14-25V	15-40V	15-45V	18-44V
Max.no-load voltage		45V	50V	60V	77V
Rated load cycle		60%			
Adapted welding wire		φ0.8 φ1.0	φ1.0 φ1.2	φ1.0 φ1.2 φ1.6	φ0.8 φ1.0
Weight		90Kg	115Kg	225Kg	260Kg
Dimension(L×W×H)		720×400×720		840×450×800	940×570×1000

▶ MODEL IGBT INVERTER DC MANUAL ARC WELDER



ZD5-1250 (Thyristor)



MZ-1000 (Inverter)



MZ-1250 (Inverter)

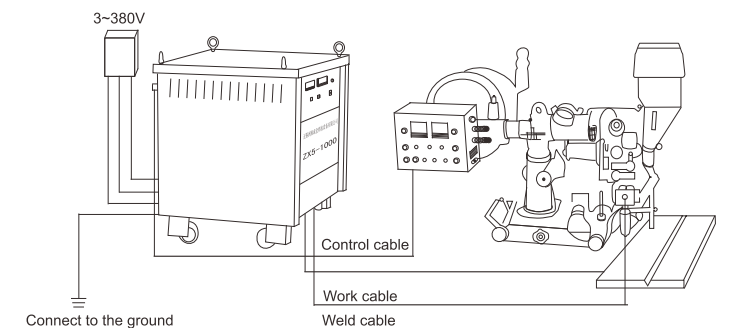
▶ TECHNICAL PERFORMANCE

1. Adopting IGBT inverter technology and advanced control circuit
2. Featuring excellent quiet & active character,easy arc starting & Stable welding
3. Set a function of current preplacement for easy operation
4. Having fine protecting functions including overcurrent, overheating and undervoltage
5. Can be used as Submerge welding Power

Item	Type	MZ-800	MZ-1000	MZ-1250
Rated input voltage		3~380V 50Hz		
Rated input capacity		42KVA	52KVA	66KVA
No-load voltage		72V	80V	80V
Rated load cycle		60%	100%	80%
Rated current		800A	1000A	1250A
Current range		80~800A	100~1000A	150~1250A
Weight		72KG	110KG	120KG
Dimension(L×W×H)		750×360×770		750×360×810



Feeding cart





Customer list



You satisfaction is our forever pursuing!



Improving Pursue perfecting

From time to space, from history to modernity and from the outside to the inside, The new century belongs to Zhouxiang People in the continuous innovating and seeking perfection.

