



Zhouxiang Welder



CO₂ WELDING SERIES

MODEL NBC INVERTER CO₂ WELDER / NBM SERIES GAS SHIELD PULSE ARGON ARC WELDER



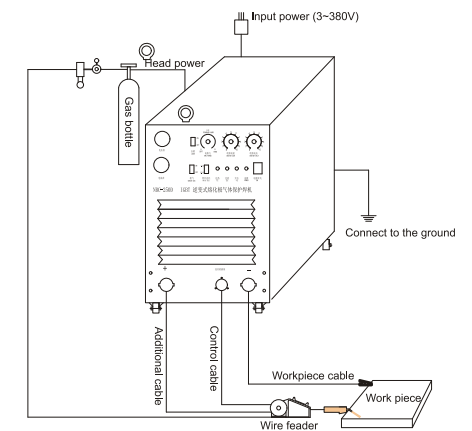
NBC-250D



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 electronic 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 alluminium alloy material welding.
(2 and 3 only suitable for NBM)



Meter

Welding gun

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		φ 0.8, φ 1.0	φ 0.8, φ 1.0, φ 1.2	φ 1.0, φ 1.2, φ 1.6
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

CO₂ WELDING SERIES

MODEL ZKR THYRISTOR CO₂ WELDER



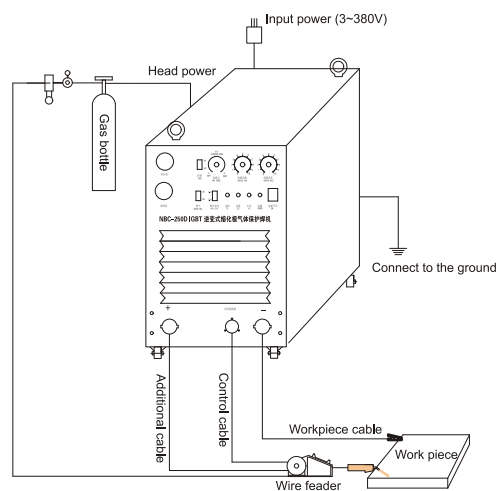
ZKR-200

ZKR-350

ZKR-500

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 voltage		24V	31.5V	39V	44V
Rated current		200A	350A	500A	630A
Working current range		50-200A	60-350A	60-500A	80-630A
Working voltage range		14-25V	15-40V	15-45V	18-44V
Max. no-load voltage		45V	50V	60V	77V
Rated load cycle		60%			
Adapted welding wire		φ 0.8 φ 1.0	φ 1.0 φ 1.2	φ 1.0 φ 1.2 φ 1.6	φ 0.8 φ 1.0
Weight		90Kg	115Kg	225Kg	260Kg
Dimension(L×W×H)		720×400×720		840×450×800	940×570×1000

PLASMA CUTTER SERIES

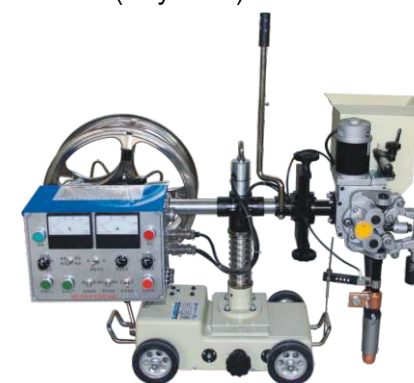
MODEL IGBT INVERTER DC MANUAL ARC WELDER



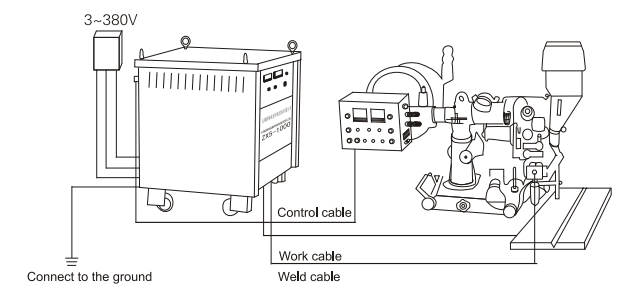
MZ-1000 (Thyristor)

MZ-1000 (Inverter)

MZ-1250 (Inverter)



Feeding cart



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

MODEL RSRJ SERIES SCREW WELDER

TECHNICAL PERFORMANCE

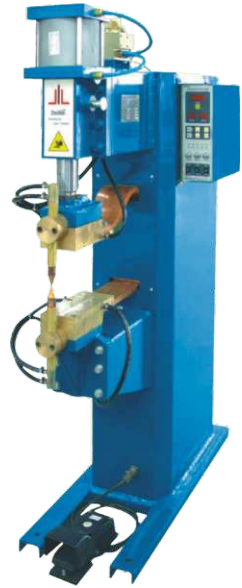
Adopting top capacitance discharge welding technology There is no impressing, discoloration and deformation on the back of the seam. Small volume, light weight and easy to carry Applied to weld bolt, screw etc. and the industry of fastening.

Rated input voltage		220V / 50Hz
Rated input capacity		1kVA
Rated store power		800J
Current range		30-180V
Weld productivity		20Piece / minute
Screw Welder	Stainless steel, mild steel	φ 3-φ 10mm
Welding diameter	Copper, aluminum, alloy	φ 3-φ 8mm
Dimension(L×W×H)		535×325×255mm

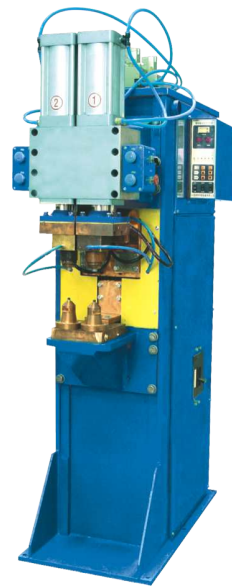




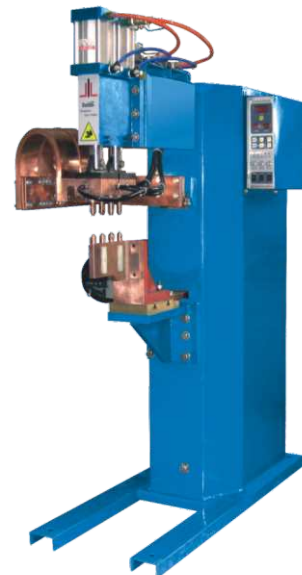
MODEL DN PNEUMATIC AC RESISTANCE WELDER



DN-75KVA



DN-100KVA



DN-150KVA

▶ TECHNICAL PERFORMANCE

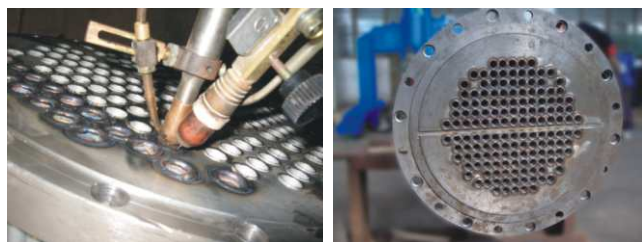
1. Adopting microprocessor control
2. Having the dual function of spot weld & convex weld
3. The output voltage can be regulated randomly
4. The welding speed is quick and the efficiency of welding is high
5. The machine itself can stand impact and shock
6. Setting a indicating light for welding state
7. According to the clients' demand, the welder can be made into a multi-spot welder.

Item	Type	DN-35	DN-55	DN-75	DN-100	DN-150
Rated input voltage		1~380V 50Hz				
Rated input capacity		35kVA	55kVA	75kVA	100kVA	150kVA
Rated input current		92A	145A	197A	263A	315A
No-load voltage		0~6.7V	0~7.2V	0~8.6V	0~9.1V	0~9.5V
Rated load cycle		20%				
Arm length		500mm Can be negotiated				
Arm distance		200mm				
Working travel of electrode		80mm				
Max.pressure of electrode		470kgf	1200kgf	1200kgf	1200kgf	1200kgf
The pressure of gas		<0.6Mpa				
Welding thickness		1~3mm	1.2~5mm	1.5~6mm	1.5~7mm	2~9mm
The flow of cooling water		6L / min			8L / min	
Dimension(L×W×H)		1080×460×1630	1190×540×1700	1270×630×1730	1320×700×1750	

▶ WHOLE POSITION SHALL-TUBE WELDING MACHINE

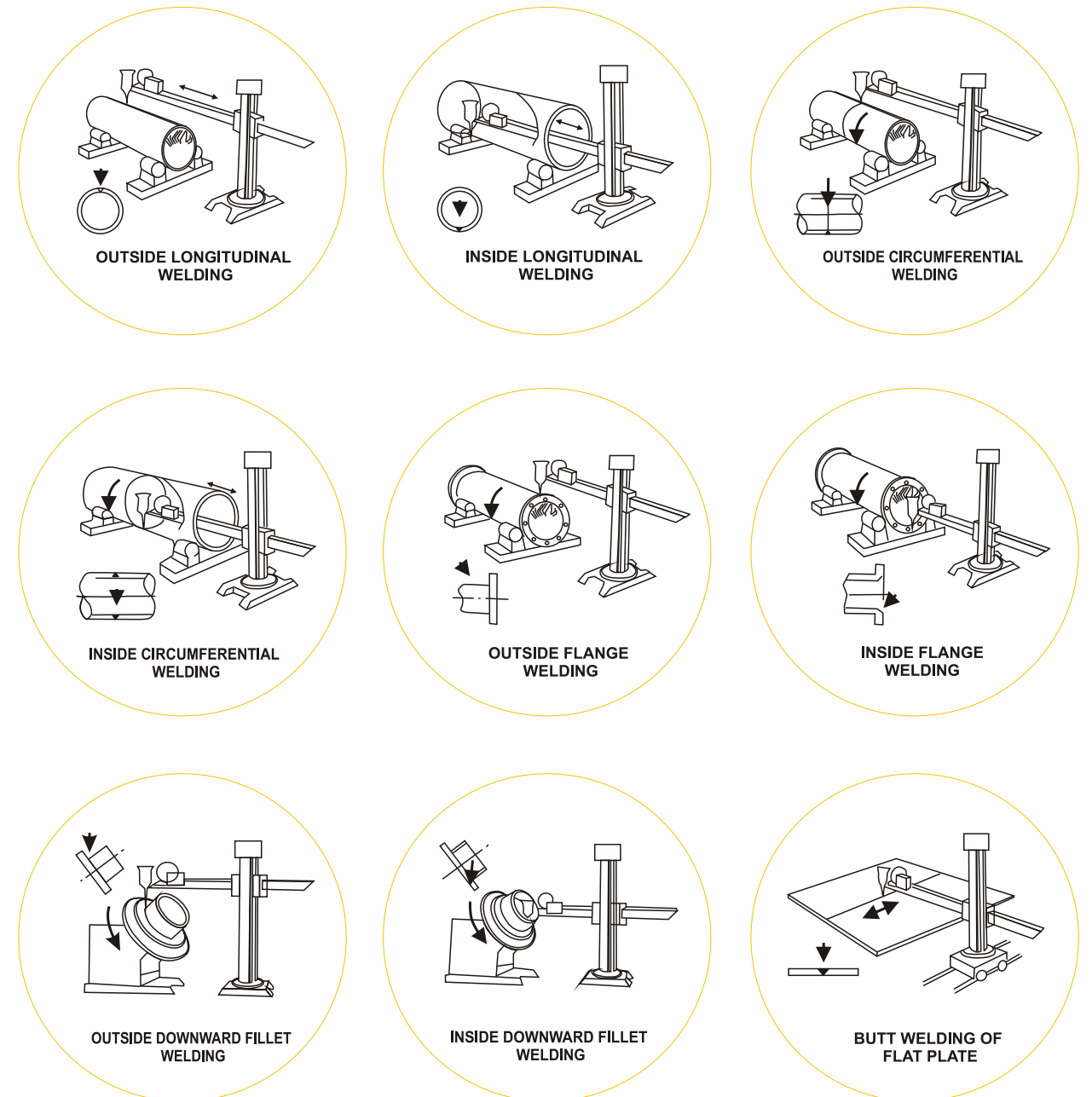
▶ TECHNICAL PERFORMANCE

Auto welding power composed of perfect pipe /plate welding system, It is suitable for welding carbon steel, stainless steel pipe outer, equal and inside. Pipe diameter range: 15-80mm, welding through wire filling method.



ASSISTANT WELDING MACHINE

AUTO-WELDING MANIPULATOR DIFFERENT KINDS OF MATING WELDING SCHEMATIC DRAWING



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 flange/ 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

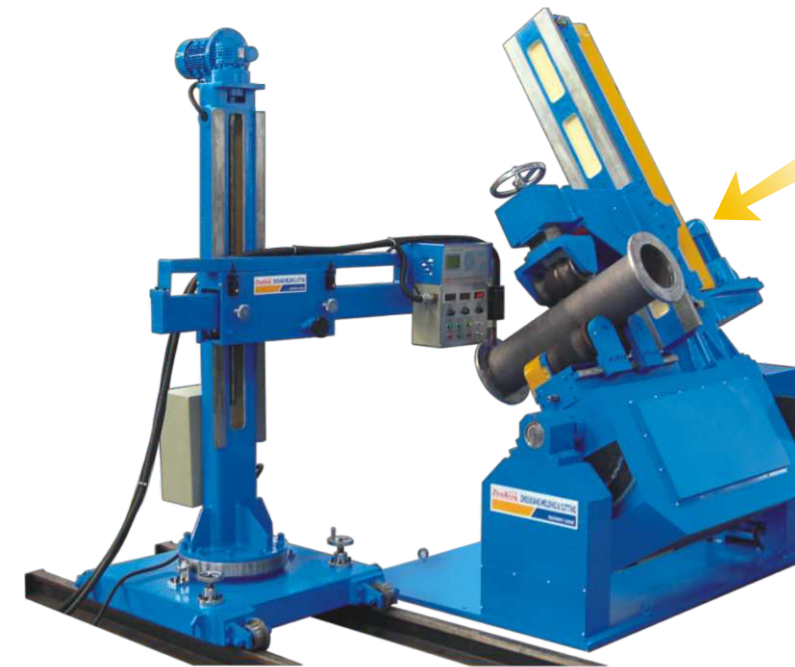
Model	SHQ-1	SHQ-2
Effective boom elevating stroke	750mm	1500mm
Effective boom expansion stroke	450mm	900mm
Elevating speed	400mm/min	400mm/min
Expansion way	manual	manual
Moving cart gauge	600mm	600mm



adjustable positioner

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

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

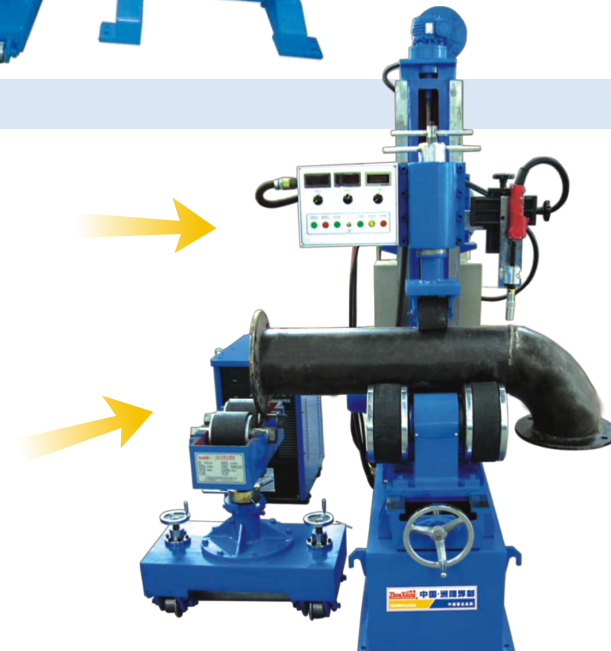
Welding oscillator

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



Pinch type rotator

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

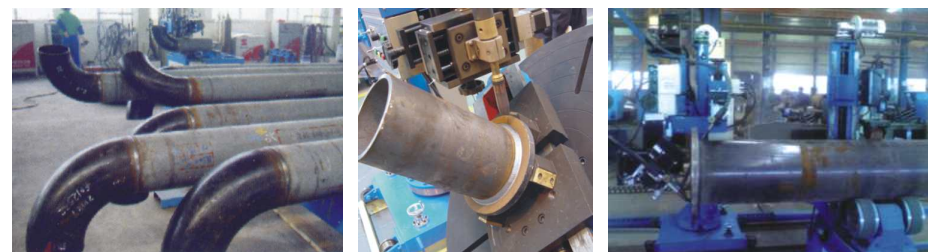


adjustable supporter

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



1T ELEVATING WELDING POSITIONER (WITH CHUCK)



SSH double chuck positioner

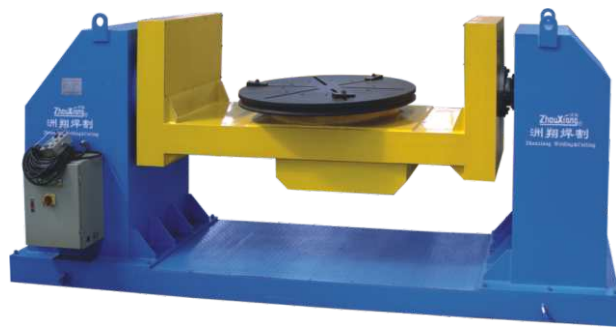
model	SSH-1
max load capacity	100kg
pipe diameter	10 ~ 315mm
rotating speed	0.4 ~ 4rpm

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)

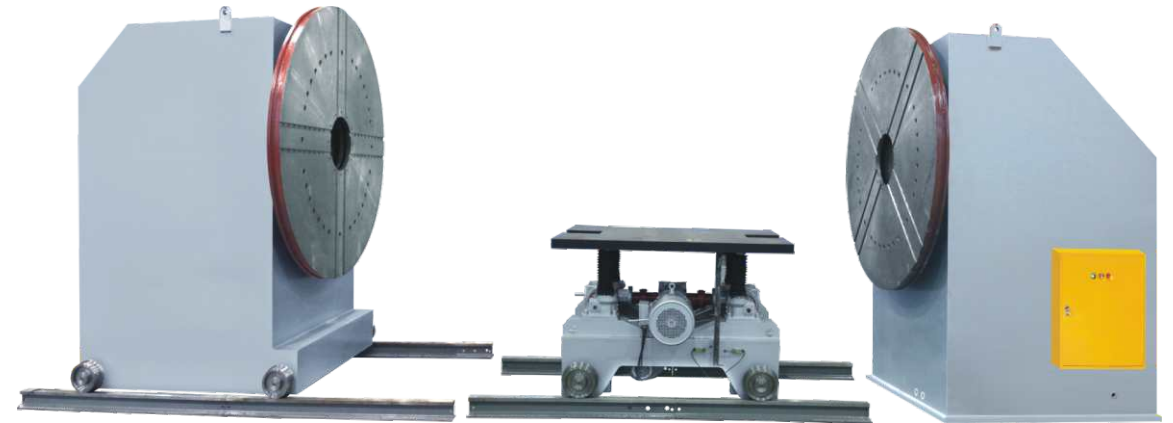


Description	Turning table
Model	HZT-03
Rated load capacity (Kg)	3000
Table diameter (mm)	φ 3000
Overturning speed (rpm)	0.02-0.2
Motor power (Kw)	0.75
Speed adjust way	Frequency stepless speed adjust

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 positon 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 guage	1250mm

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

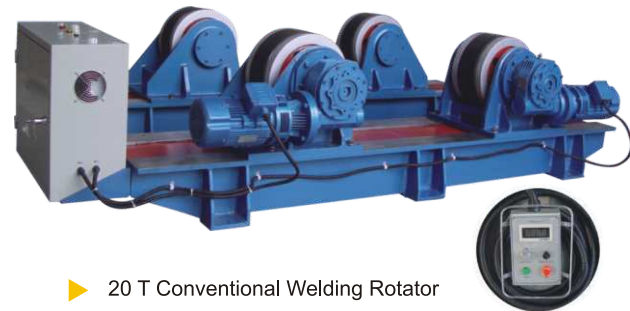
Type	Rated Load (kg)	Rotating speed (rpm)	Overturning angle (°)	size of working table (mm)	Motor power (kw)		Way of setting
					Rotating	Overturning	
HBZ-1	100	0.12-1.2	0-90°	φ400	0.18	0.18	Frequency control
HBZ-3	300	0.2-2	0-90°	φ600	0.37	0.37	
HBZ-6	600	0.09-0.9	0-90°	φ1000	0.75	0.75	
HBZ-10	1000	0.05-0.5	0-120°	φ1200	1.1	1.5	
HBZ-30	3000	0.05-0.5	0~120°	φ1400	1.5	1.5	
HBZ-50	5000	0.05-0.5	0~120°	φ1500	2.2	4	
HBZ-100	10000	0.017-0.17	0~120°	φ2000	3	5.5	
HBZ-200	20000	0.015-0.15	0~120°	φ2300	5.5	7.5	



ASSISTANT WELDING MACHINE



CONVENTIONAL WELDING ROTATOR



▶ 20 T Conventional Welding Rotator



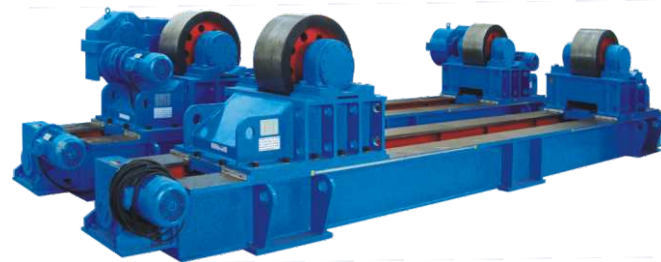
▶ Screw Type Welding Rotator



▶ 250 T Conventional Welding Rotator



▶ 630 T Conventional Welding Rotator



▶ 300t Motorized Screw Type Conventional 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.

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	6~60	2×0.37	
GLHK-10	10000	Φ320~Φ2800	Φ300×120	2×Φ290×25	6~60	2×0.55	
GLHK-20	20000	Φ500~Φ3500	Φ350×120	2×Φ340×30	6~60	2×1.1	
GLHK-40	40000	Φ600~Φ4200	Φ400×120	2×Φ390×40	6~60	2×1.5	
GLHK-60	60000	Φ750~Φ4800	Φ450×120	2×Φ440×50	6~60	2×2.2	
GLHK-80	80000	Φ850~Φ5000	Φ500×120	2×Φ490×60	6~60	2×3	
GLHK-100	100000	Φ1000~Φ5500	Φ500×120	2×Φ490×70	6~60	2×3	
GLHK-160	160000	Φ1100~Φ6000	—	Φ620×220	6~60	2×4	
GLHK-250	250000	Φ1200~Φ7000	—	Φ700×280	6~60	2×5.5	
GLHK-500	500000	Φ1500~Φ8000	—	Φ850×350	6~60	2×7.5	
GLHK-630	630000	Φ1500~Φ9000	—	Φ900×380	6~60	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.



▶ 100 T SELF-ALIGNED WELDING ROTATOR



▶ 500 T 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	1.5	
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

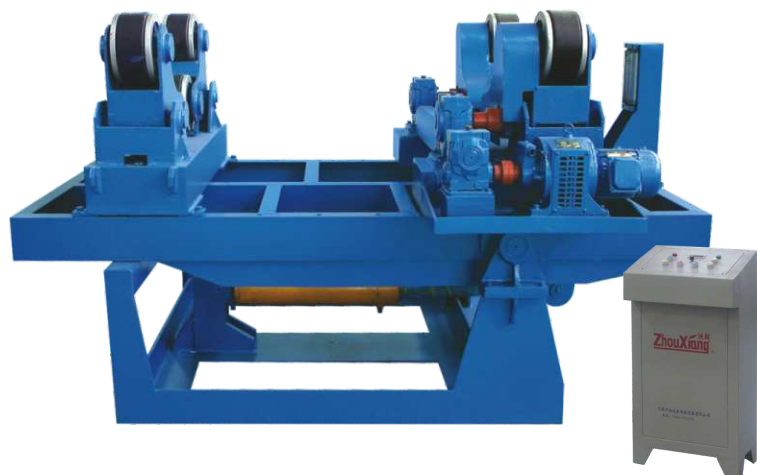
▶ TECHNICAL PERFORMANCE

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 requitement on presision of welding seam position and stability of welding speed.



▶ TILTING ROTATOR

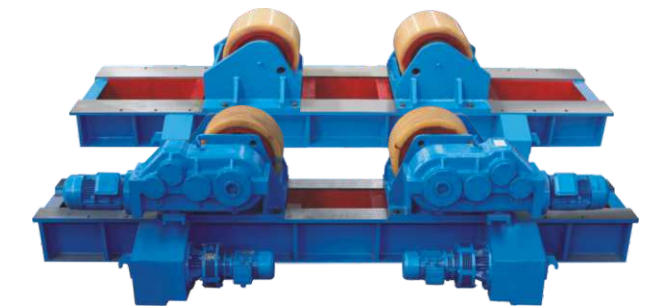
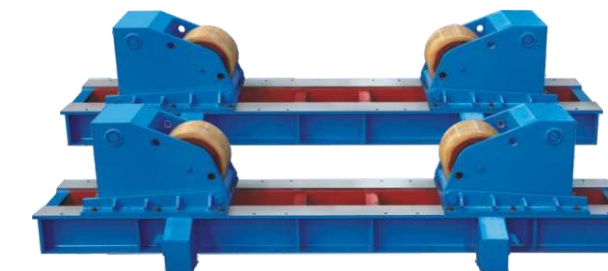
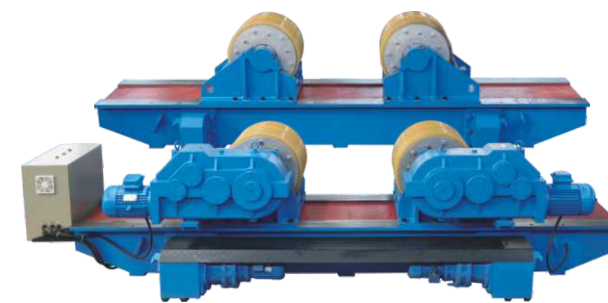


▶ technical parameter of hydraulic Fit-up roll

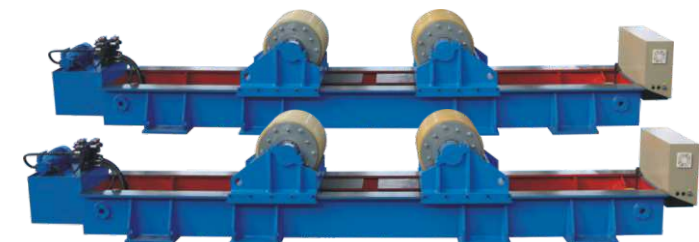
Description		Tilting rotator	
Model	QGLJ10	Roller linear speed (m/h)	6-60 m/h
Rated load capacity (Kg)	10000 kg	Motor power (Kw)	1.1 kw
Vessel diameter (mm)	φ 320-φ 2800 mm	Speed adjust way	Frequency stepless speed adjust

FIT-UP ROTATOR

▶ HYDRAULIC FIT-UP ROTATOR



▶ HYDRAULIC FIT-UP ROTATOR (HORIZONTAL MOVING TYPE)



▶ 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.

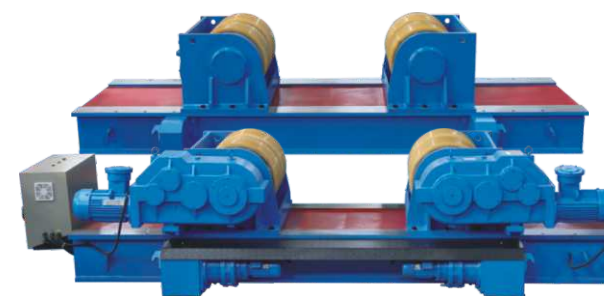
▶ Technical parameter of hydraulic Fit-up rotator

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	Φ 2000 ~ Φ 4800	Φ 400 × 210	6 ~ 60	2 × 1.5	1700	AC converter stepless speed adjust or electro-magnetic speed adjust
ZHGK-60	60000	Φ 2500 ~ Φ 5000	2 × Φ 520 × 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 kg
Vessel diameter (mm)	2000-5000 mm
Roller linear speed (m/h)	6-60 m/h
Motor power (Kw)	2 × 3 kw
Speed adjust way	Frequency stepless speed adjust
Inner distance of rail(mm)	1700 mm

ASSISTANT WELDING MACHINE

CIRCUMFERENTIAL WELDING CENTER

► TECHNICAL PERFORMANCE

This circumferential welding center is composed of welding manipulator, positioner and TIG welder. The advanced TIG welding can make the seam with high intensity and nice appearance; it can be widely used for pressure vessel, petrol chemistry and aerospace industry.



LONGITUDINAL WELDING CENTER

► TECHNICAL PERFORMANCE

This longitudinal welding center is composed of welding manipulator, rotator and SAW welder. SAW welding with high efficiency and nice appearance; it suitable for middle and heavy plate welding. It can be widely used for petrol chemistry pipe welding, shipbuilding, metallurgy, boiler industries.



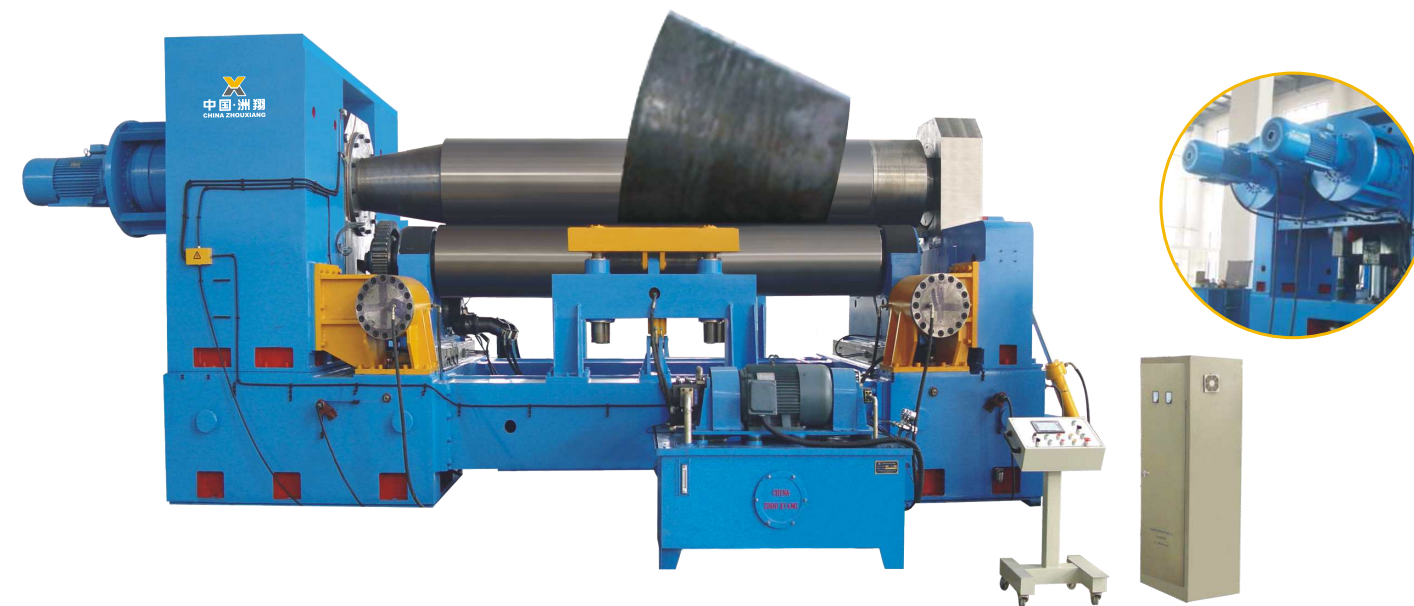
► TECHNICAL PARAMETER OF AUTO-WELDING

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.



WIIXNC HORIZONTAL DOWN ROLLER ADJUST 3-ROLLER ROLLING MACHINE

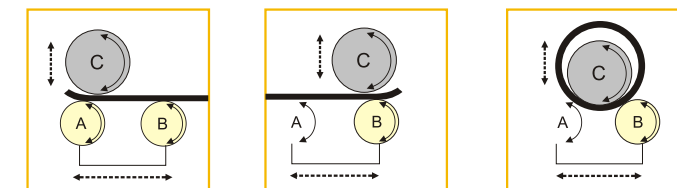


Zhouxiang Heavy Industry



TECHNICAL PERFORMANCE

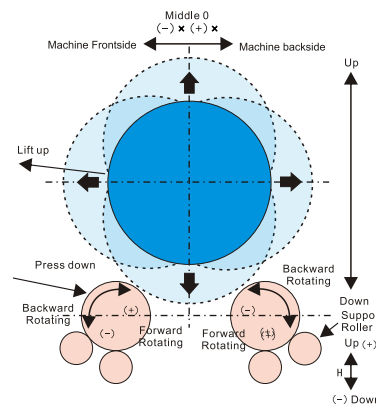
- The upper roller can move vertically. The lower rollers can move horizontally. It has double functions of pre-bending and roll. And it can finish pre-bending and roll steel plate by feeding once.
- The three rollers are driving-roller. It can prevent skidding while rolling thin plates and enlarge the 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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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 uper 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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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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HYDRAULIC SYMMETRICAL
3-ROLLER ROLLING MACHINE



TECHNICAL PERFORMANCE

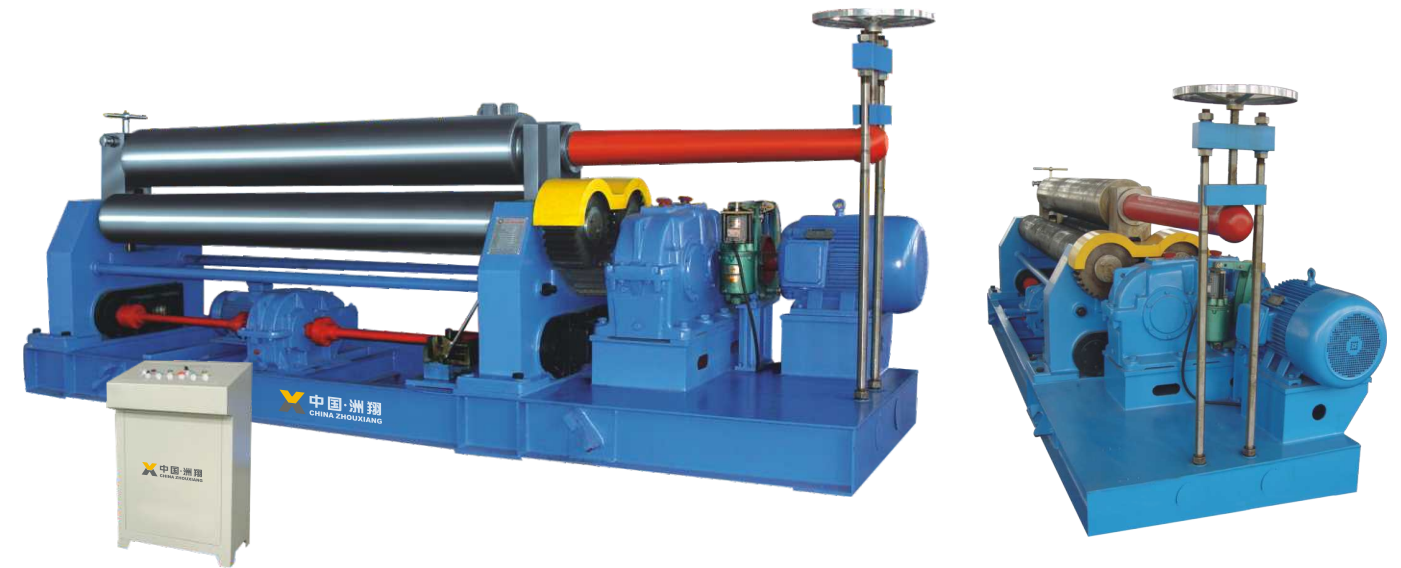
This is hydraulic upper roller symmetrical adjust 3-roller rolling machine, upper roller elevating vertically at the center symmetry position of two lower roller, that through hydraulic oil act on piston to get hydraulic driving; the two lower roller rotating, joggle with lower roller gear through output gear of speed reducer, to provide torque for plate rolling. The shortage of this machine is the end of plate should be prebended by other machines.

TECHNICAL PARAMETER

Spec	Max Thickness (mm)	Max Width (mm)	Plate Yield Limit (mpa)	Min diameter in full load	Dia.of Upper Roller (mm)	Dia.of Lower Roller (mm)	Center Distance Of Lower Roller (mm)	Rolling Speed (m/min)	Main Motor power (kw)
W11NC-30×2000	30	2000	245	1200	360	290	480	4	22
W11NC-25×2500	25	2500	245	1200	370	300	480	4	22
W11NC-30×2500	30	2500	245	1200	420	360	550	4	30
W11NC-25×3000	25	3000	245	1200	430	370	550	4	30
W11NC-30×3000	30	3000	245	1200	450	390	600	4	30
W11NC-40×2500	40	2500	245	1400	500	400	600	3.5	37
W11NC-40×3000	40	3000	245	1600	540	440	600	3.5	45
W11NC-50×3000	50	3000	245	2000	580	480	750	3.5	55
W11NC-60×3000	60	3000	245	2400	660	560	800	3.5	75
W11NC-70×3000	70	3000	245	2800	710	620	850	3.5	90
W11NC-80×3000	80	3000	245	3200	770	680	900	3.5	90
W11NC-90×3000	90	3000	245	3600	820	730	950	3.5	110
W11NC-100×3000	100	3000	245	4000	860	770	1000	3.5	110
W11NC-110×3000	110	3000	245	4400	900	810	1080	3.5	132
W11NC-120×3000	120	3000	245	4800	950	860	1160	3.5	132

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W11 MECHANICAL SYMMETRIC 3-ROLLER ROLLING MACHINE



TECHNICAL PERFORMANCE

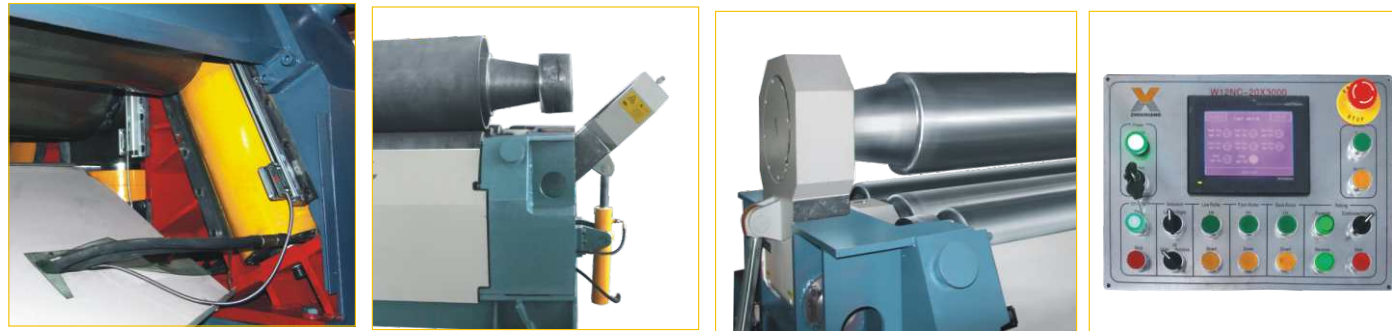
This series structure is designed as mechanical symmetrical up-adjusting 3-roller plate rolling machine, upper roller do vertical elevating moving at the center position of two down roller, elevating of upper roller is realized through motor, speed reducer, worm gear and worm. The two lower rollers are driving-roller. The upper roller is driven-roller. This machine can be used widely in shipbuilding, boilers, aviation, hydroelectric industry, metal structure and machinery industry.



TECHNICAL PARAMETER

Spec	Max Thickness of Plate (mm)	Max Width of Plate (mm)	Plate Bending Limit (Mpa)	Max spec. min bending diameter (mm)	Dia. Of Upper Roller (mm)	Dia. Of Lower Roller (mm)	Centre Distances Of Lower Roller (mm)	Rolling Speed (m/min)	Main Motor Power (kw)
W11-6×2000	6	2000	245	380	180	170	250	5.5	5.5
W11-8×2000	8	2000	245	450	190	170	260	5.6	7.5
W11-8×2500	8	2500	245	500	240	200	280	5.5	7.5
W11-12×2000	12	2000	245	500	240	200	310	5.5	7.5
W11-12×2500	12	2500	245	650	260	220	340	5.8	11
W11-16×2000	16	2000	245	650	260	220	340	5.8	11
W11-12×4000	12	4000	245	900	360	240	360	5.5	22
W11-16×2500	16	2500	245	700	280	240	360	5.8	11
W11-16×3000	16	3000	245	950	340	280	440	5.5	22
W11-20×2000	20	2000	245	750	280	240	360	5.3	11
W11-20×2500	20	2500	245	850	340	280	440	4	15
W11-25×2000	25	2000	245	850	330	270	440	4	15

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► 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 PERFORMANCE

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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► TECHNICAL PERFORMANCE

Wind power is a kind of clean and circulation energy source accepted on international. And it is spread by a lot of countries. In recent year, our government also adopts powerful measurement to advance energy source saving generally, and develop reproducible energy source vigorously to building a energy source supply system which is stable, economic and clean.

Wind tower is an important part in wind power machines. A complete wind tower is composed of two or three pieces tower vessel, the total height can be get to 120m.

Wuxi Zhouxiang Complete Set of Welding Equipemnt Co.,Ltd. is one of the earliest manufacturers produced wind tower equipment, the products export to many countries such as India, Iran and so on.



■ wind tower products



■ cutting and feeding

■ Rolling equipment

■ Longitudinal seam welding



■ Flange welding

■ Circumferential seam welding

■ Circuferential seam welding



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
	Min Bending Dia.	500	800	1000	1250
Angle Iron Incurvature	Min Section	14X2	20X2	25X2	25X2
	Min Bending Dia.	280	420	500	600
Angle Iron Excurvature	Max Section	45X45X5	70X70X8	75X75X10	100X100X12
	Min Bending Dia.	700	1200	1200	1300
	Min Section	20X20X3	30X30X3	35X35X3	36X36X3
Channel Steel Incurvature	Min Bending Dia.	400	600	560	600
	Max Section	50X50X6	75X75X10	90X90X10	100X100X16
	Min Bending Dia.	700	1000	1150	1300
Channel Steel Excurvature	Min Section	20X20X3	30X30X3	35X35X3	36X36X3
	Min Bending Dia.	400	500	500	560
	Model	5	8	12.6	16
Flat Steel Bend In Ease Way	Min Bending Dia.	560	1000	1000	1350
	Model	8	14	16	18
Flat Steel Bend In Hard Wa	Min Bending Dia.	500	800	800	1300
	Max Section	100X18	150X25	180X25	220X30
Round Steel	Min Bending Dia.	500	700	900	1000
	Max Section	50X12	75X16	90X20	95X30
Dia. of Standard Module (mm)	Min Bending Dia.	500	900	900	1000
	Max Section	30	50	65	75
Rolling Speed (m/min)	450	600	700	800	1000
Main Motor Power(kw)	220	350	360	385	460
	5.5	5	5	5	4.5
	3	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
	Min Bending Dia.	2000	2400	2600	3500
Angle Iron Incurvature	Min Section	32X3	35X3	42X3	76X4
	Min Bending Dia.	700	750	800	900
Angle Iron Excurvature	Max Section	140X140X10	150X150X12	160X160X12	180X180X14
	Min Bending Dia.	2500	2700	3000	3600
	Min Section	45X45X5	50X50X6	60X60X6	70X70X5
Channel Steel Incurvature	Min Bending Dia.	1000	1200	1350	1500
	Max Section	140X140X16	150X150X16	160X160X16	180X180X16
	Min Bending Dia.	2300	2600	2800	3500
Channel Steel Excurvature	Min Section	45X45X5	50X50X6	60X60X6	70X70X5
	Min Bending Dia.	800	1000	1300	1500
	Model	28	30	32	36
Flat Steel Bend In Ease Way	Min Bending Dia.	1700	2000	3000	3500
	Model	28	30	32	36
Flat Steel Bend In Hard Wa	Min Bending Dia.	1600	1800	3000	3500
	Max Section	280X50	280X60	320X60	350X60
Round Steel	Min Bending Dia.	1300	1400	2000	2400
	Max Section	150X35	180X32	190X45	190X50
Dia. of Standard Module (mm)	Min Bending Dia.	1300	1400	2000	2400
	Max Section	105	110	140	145
Rolling Speed (m/min)	1100	1200	2000	1600	1800
Main Motor Power(kw)	500	550	600	650	800
	4	4	3	3	3
	15	22	22	30	30

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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.

