SENLISWELD

Make Your Welding More Efficient

SENLISWELD TECHNOLOGY

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COMPANY PROFILE

- SENLISWELD has been China's leading **Welding Automation**, cutting machines, and welding equipment company for over two decades. We have manufactured the most reliable products for both our local and international clients.
- Along with the skills and experience, we have the trust of our loyal customers in 40 countries across all 7 continents. We put customer satisfaction at the forefront of our company's vision and mission.
- **SENLISWELD** is the ONE-STOP-SHOP to upgrade your business's welding operations. We are not merely suppliers but also your business partners.

20+
Over 20 Years Experience

24/7
Quick Response

100+
Monthly Production

40+
Export Over 40 Countries

1999
In 1999. Manufactured welding automation machines and build a local customer base in China.

2000-2010
For the next decade, worked on bringing innovation in their welding equipment .
SENLISWELD entered the international market with the highest level of motivation and commitment. We also connected our business to the digital world and established our website.

2011-2017
Stretched its supply of the three most widely demanded welding automation machines across all continents.

2018-2019
SENLISWELD put the safety and security of its workers at the forefront. We recover slowly from the virus's effect.

2020
As the world recovered from the epidemic, we have created a new website to provide the best customer services to our international clients.

2021-2022
After three years of the epidemic, 2023 has completely returned to normal. SENLISWELD began to visit customers all over the place.

2023-2025

Standard Is A Quality Not A Goal

- **SENLISWELD** ensures a high standard in all operations. We integrate our customer's specific needs into our manufacturing processes to ensure the requested quality. Never say No! Always say let's do it!
- We also provide a FREE replacement for normal wear and tear parts for 1 year! We, at **SENLISWELD**, maintain a high standard in our customers' services as well.
- No matter what the customer's requirements are, we will fully meet their needs one-to-one.
- WeWe provide one-stop project design and site planning, and we provide the highest standards for any after-sales service.

ADVANTAGES

Best After-sale Service

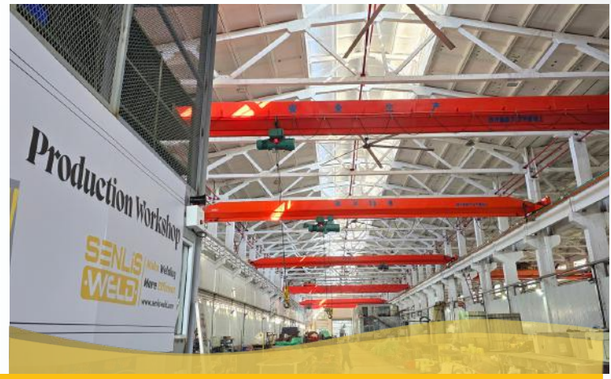
- Over many years of production & domestic business experience.
- We have a huge variety of product supplier resources & machinery & equipment procurement resources.
- We can save you more time and more money.

Factory Inspection Service

- We are in the developed Yangtze River Delta region with convenient transportation and can reach any place in the country within one day.
- Rich experience in factory inspection also saves your time.

Project Consultant

- SENLISWELD provides automatic welding center, wind tower project, oil platform project, large pressure vessel project, whole plant welding production line planning, etc.
- Our technical team will handle this and help you with them easily.



SENLISWELD IS YOUR BEST PARTENER.

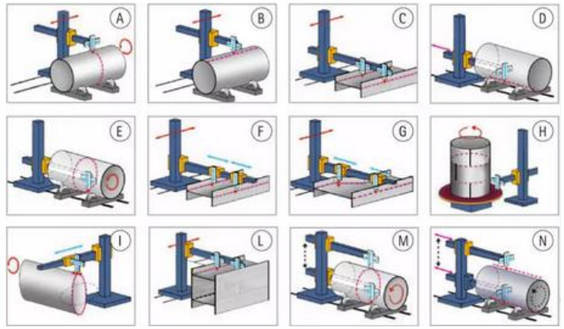
- 24/7 online quick response to solve all your questions.
- A strong & stable technical team supports your project.
- Cooperate with top 3 brand welding automation company.
- One-stop professional solution for welding automation machine.
- 12-13 months warranty, free replacement parts during the period.

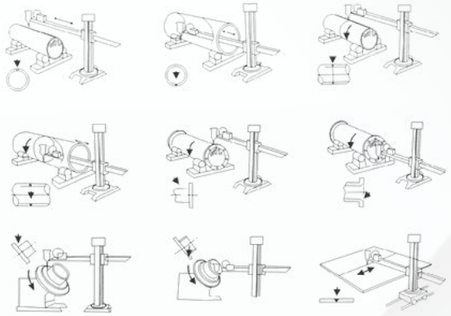
Welding Manipulator

- Romar Heavy-duty Type.
- PLC Automatic Control.
- Welding manipulator (column and boom) achieves the ideal welding position by lifting and telescoping the boom.
- The **size** can be from 1x1m to 10x10m, more than 10m can be customized.
- Usually matched with welding rotator or welding positioner for automated welding center.

Pictures

Welding Automation Center





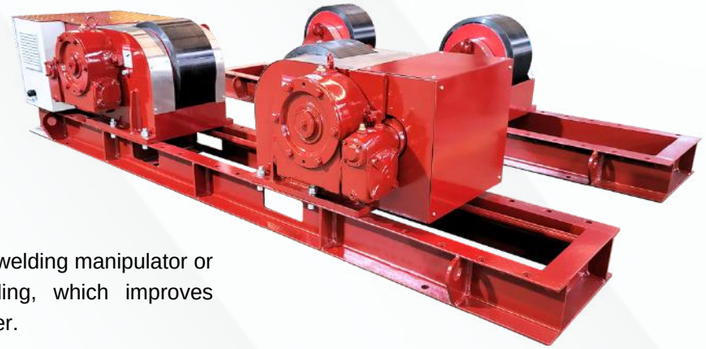
Technical Parameters

Model	LH1515	LH2020	LH3030	LH3040	LH4040	LH4050	LH5050	LH5060	LH6060	LH7060	LH8060	LH80100
Boom Vertical Stroke A (mm)	1.5	2.0	3.0	3.0	4.0	4.0	5.0	5.0	6.0	7.0	8.0	8.0
Boom Horizontal Stroke B (mm)	1.5	2.0	3.0	4.0	4.0	5.0	5.0	6.0	6.0	6.0	6.0	10.0
Elevation Speed (m/min)	0.3	0.3	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Traverse Speed (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	0.12~1.2	0.12~1.2	0.12~1.2	0.12~1.2	0.12~1.2	0.12~1.2
Max Load At Extremity (kg)	100.0	100.0	200.0	200.0	200	200	300	300	300	300	300	300
Column Rotation Angle (±180°)	Manual	Manual	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized	Manual Or Motorized
Column Total Height C (m)	2.9	3.4	5.5	5.5	6.5	6.5	7.8	7.8	9.7	10.7	11.7	11.7

Welding Rotator

Types of Welding Rotators

- Conventional Rotator
- Self-aligning Rotator
- Fit Up Rotator
- Lead Screw Rotator
- Anti-drift Turning Roller
- Pipe Tilting Rotator



It can be controlled by PLC. Operating with welding manipulator or welding robot to realize automatic welding, which improves welding efficiency, reduces labor, and is safer.

Application Areas

Pressure Vessels

Pipeline Welding

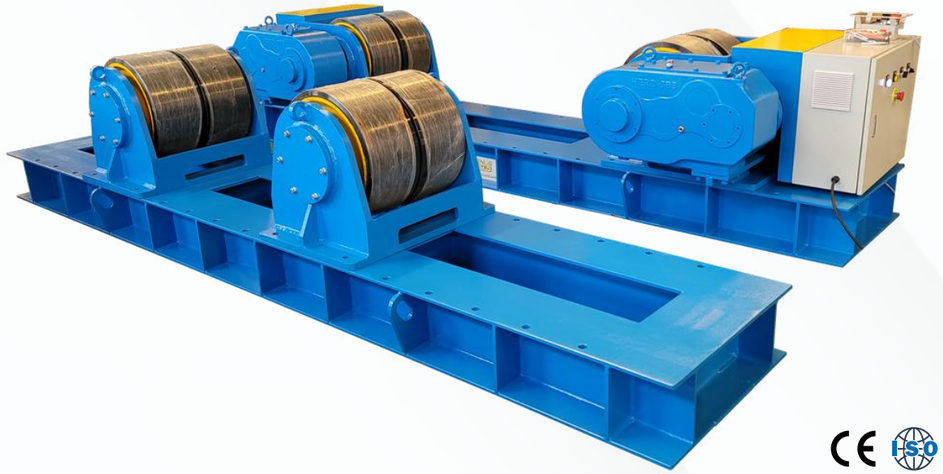
Wind Turbine Tower

Key Features

1. Two operate modes
   - Self-adjusting Welding Rotator: The roller can automatically adjust the angle according to the workpiece diameter without manual adjustment, which is suitable for conical and round workpieces.
   - Conventional Welding Rotator: The center distance of the roller frame can be adjusted manually or electrically, suitable for various workpiece diameters.
2. Drive mode
   - Single drive: One roller group provides power and is suitable for smaller workpieces.
   - Dual drive: Both roller groups provide power to ensure smooth workpiece rotation, suitable for larger workpieces.
3. Stability and safety
   - The structure is strong and the base is designed to be stable to prevent the workpiece from shifting during rotation.
   - Equipped with overload protection function to ensure the safety of equipment and workpieces.

Hot Products

Conventional Rotator



- **Chenta Warm Gear Reducer.**
- **Normal Type Reducer.**
- Conventional rotator adjusts the distance between the rollers by bolts, thus adapting to workpieces of different diameters.
- Loads up to 2000 tons or more. It is the most widely used type of welding rotator.
- SENLISWELD can supply different motor brands and could select ABB, Siemens, or Mitsubishi.
- Servo motor could be used as well for precise operating or synchronization.

Technical Parameters

Model		HGK-2	HGK-5	HGK-10	HGK-20	HGK-30	HGK-40	HGK-60	HGK-80	HGK-100	HGK-160	HGK-200	HGK-250	HGK-300	HGK-400	HGK-500	HGK-630	HGK-800
Loading Capacity (T)		2	5	10	20	30	40	60	80	100	160	200	250	300	400	500	630	800
Workpiece Diameter	Min Diameter (mm)	200	250	320	500	550	600	700	700	700	1000	1000	1000	1000	1000	1000	1000	1500
	Max Diameter (mm)	1800	2300	2800	3500	3800	4200	5000	5500	6000	6000	6000	7500	7500	7500	8000	8500	9000
Rubber Roller	Diameter (mm)	200	250	300	350	350	400	450	500	500	—	—	—	—	—	—	—	—
	Width (mm)	80	100	120	120	120	120	120	120	120	—	—	—	—	—	—	—	—
Metal Roller	Diameter (mm)	190	240	290	340	340	390	440	490	490	550	550	700	700	800	800	850	1000
	Width (mm)	15	20	25	30	35	45	60	70	80	260	260	260	260	300	300	350	350
Linear Speed (m/h)		6-60																
Speed Control		VFD Speed Control																
Motor Power (KW)		2x0.18	2x0.37	2x0.55	2x0.75	2x1.1	2x1.5	2x2.2	2x2.2	2x3	2x4	2x4	2x5.5	2x5.5	2x5.5	2x5.5	2x7.5	2x7.5
Dimension	Drive Roller Length (mm)	1950	2090	2770	3150	3150	3300	4170	4370	4670	4900	4950	6500	6550	6600	6850	7200	7700
	Drive Roller Width (mm)	460	500	670	680	680	710	870	900	960	1000	1000	1000	1200	1280	1280	1450	1500
	Idler Roller Length (mm)	1460	1800	2300	2450	2450	2900	3500	3700	4000	4000	4100	5500	5500	5500	5800	6000	6500
	Idler Roller Width (mm)	280	300	400	520	520	530	650	700	760	800	800	920	950	1000	1000	1260	1260
	Height (mm)	350	430	510	680	680	680	830	890	960	1060	1080	1100	1300	1350	1350	1350	1550

Pictures

Self-aligning Rotator

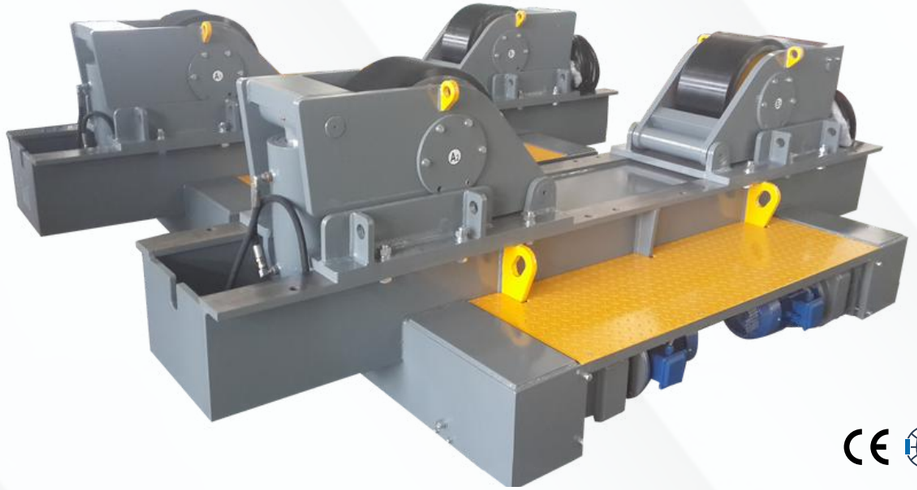
- **Motorized Travel.**
- **Fixed Type.**
- Self-aligning rotator for different diameter workpieces by automatic adjustment. The drive unit and idler unit wheels have 2 rollers on one side.
- Loads up to 2000 tons or more. Four wheels will be more stable and safe, while reducing the time to adjust and easy to operate.

Technical Parameters

Model			HGZ-5	HGZ-10	HGZ-20	HGZ-30	HGZ-40	HGZ-60	HGZ-80	HGZ-100	HGZ-150	HGZ-200
Loading Capacity (T)			5	10	20	30	40	60	80	100	150	200
Workpiece Diameter		Min Diameter (mm)	250	320	450	450	600	750	850	1000	1000	1500
		Max Diameter (mm)	2300	2800	3500	3500	4200	4800	5000	5500	6500	6500
Rubber Roller		Diameter (mm)	250	300	350	350	400	450	500	500	500	600
		Width (mm)	100	120	120	120	120	120	120	120	260	300
Metal Roller		Diameter (mm)	240	290	340	340	390	440	490	490	500	600
		Width (mm)	15	25	30	30	40	50	60	70	260	250
Linear Speed (m/h)			6-60									
Speed Control			VFD Speed Control									
Motor Power (KW)			0.75	1.1	1.5	2.2	3	4	4	5.5	5.5	7.5
Dimension	Drive Roller	Length (mm)	1500	1800	2180	2180	2500	2780	3040	3450	3950	4300
		Width (mm)	800	830	960	960	1150	1240	1170	1400	1700	1800
	Idler Roller	Length (mm)	1350	160	1910	1910	2170	2400	2670	2930	3480	3800
		Length (mm)	420	420	490	490	530	590	620	730	900	930
	Height (mm)		650	800	940	940	1030	1140	1200	1320	1550	1700

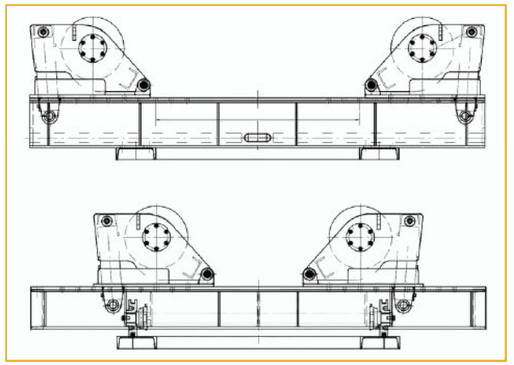
Pictures

Fit Up Welding Rotator

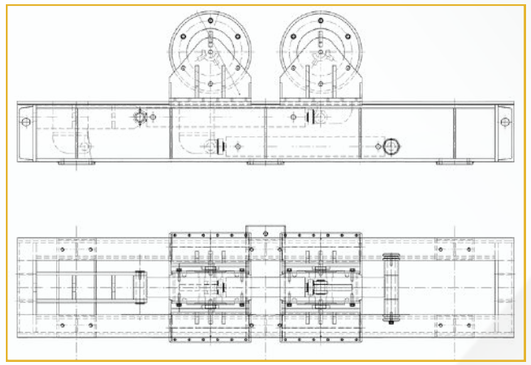


- **Vertical Hydraulic Type**
- **Horizontal Hydraulic Type**
- Fit up rotator adjusts the position of the workpiece by lifting up the rollers with vertical or horizontal hydraulics on both sides, in conjunction with conventional or self-aligning rotators to pipe connection welding.
- According to the customer's needs, SENLISWELD supplies bolts adjustment to adjust the roller center distance, self-adjusting automatic adjustment, or horizontal hydraulic system translation to adjust.

Vertical Hydraulic Drawing



Horizontal Hydraulic Drawing



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Lead Screw Rotator

- **Manual Control.**
- **Electric Contol.**
- Lead screw rotator is to adjust the center distance of the roller by screw, so as to adapt to different diameters of the workpiece.
- The screw can be adjusted manually or electrically by motor drive.

Technical Parameters

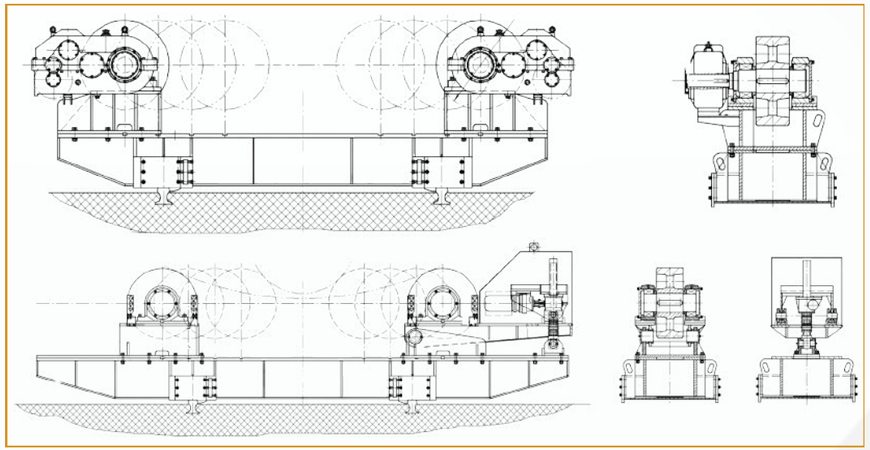
Model			HGKS-2	HGKS-5	HGKS-10	HGKS-20	HGKS-30	HGKS-40	HGKS-60
Loading Capacity (T)			2	5	10	20	30	40	60
Workpiece Diameter		Min Diameter (mm)	200	250	320	500	550	600	700
		Max Diameter (mm)	1800	2300	2800	3500	3800	4200	5000
Rubber Roller		Diameter (mm)	200	250	300	350	350	400	450
		Width (mm)	80	100	120	120	120	120	120
Metal Roller		Width (mm)	190	240	290	340	340	390	440
		Width (mm)	15	20	25	30	35	45	60
Linear Speed (m/h)			6-60						
Speed Control			VFD Speed Control						
Motor Power (KW)			2x0.18	2x0.37	2x0.55	2x0.75	2x1.1	2x1.5	2x2.2
Dimension	Drive Roller	Length (mm)	1500	2200	2500	2400	2500	3000	3500
		Width (mm)	420	500	570	620	650	740	850
	Idler Roller	Length (mm)	1500	2200	2500	2400	2500	3000	3500
		Width (mm)	350	380	400	520	520	530	650
	Height (mm)		460	480	590	680	700	750	830
Roller Center Distance (mm)			280-950	400-1300	480-1400	600-1800	600-1800	800-2200	900-2100

Pictures

Anti-drift Turning Roller

- Anti-drift turning rolls use the detection device to achieve the purpose of anti-drift, high-precision linear displacement sensor to transmit the movement of information to the control system in the electronic control box.
- By adjusting the lifting stroke and lifting speed of the driven roller to achieve the purpose of anti-drift. The anti-drift accuracy of the workpiece can be controlled within ±2mm.

Drawing

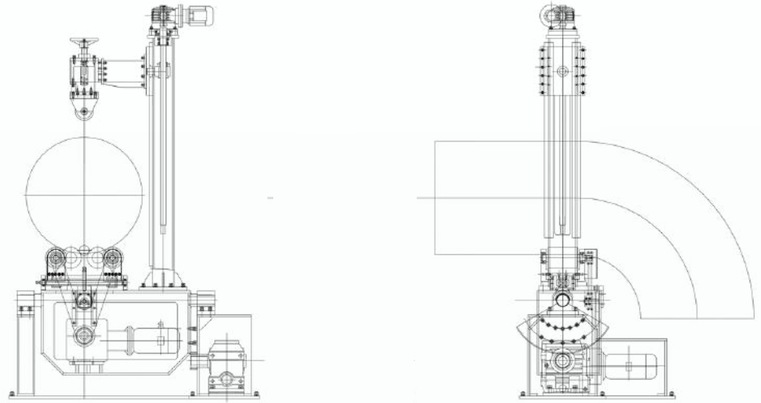


Pictures

Pipe Tilting Rotator

- Used for clamping, rotating, and tilting of pipes with round profiles in manual and automatic welding
- Easy operation, different solutions can be provided according to requirements
- Loading Capacity according to your request, normally from 200kg to 20 tons

Drawing



Pictures

Welding Positioner

Types of Welding Positioner

- 2-axis Positioner
- 3-axis Positioner
- Skyhook Positioner
- Horizontal Turntable
- Headstock Tailstock Positioner

Welding positioner achieves the ideal welding position by rotating, lifting, and tilting. It is suitable for various shapes and sizes of workpieces.

The loading capacity can be from 10kg to 50 tons or even larger, and customized according to the size and weight of the workpiece.

Key Features

The welding positioner can be PLC controlled automatically with other welding equipment or welding robots. Efficient and safe.

1. Structural Form
   - Single column type: Suitable for welding smaller workpieces.
   - Double column type: Suitable for large or heavy workpieces.
   - Head and tail frame type: Used for long or irregular shaped workpieces, the head and tail frames can be driven independently or synchronously.

2. Workbench Features
   - Rotating worktable: Usually equipped with 360° rotation function, which is convenient for continuous welding of symmetrical workpieces.
   - Tilting worktable: Supports tilt angle adjustment from 0° to 135° or 180° to optimize welding posture.
   - T-slot design: Convenient for installing fixtures or directly fixing workpieces, improving operational stability.

Application Areas

Shipbuilding

Boiler Manufacturing

Aircraft Component Welding

Hot Products

2-axis Welding Positioner

- **Light-duty Type.**
- **Heavy-duty Type.**
- 2-axis welding positioner reaches the welding position by rotating and tilting the worktable. The workpiece is fixed to the table by welding chuck.
- Loading capacity from 100kg to 50 tons, Larger loads can be customized.
- It usually has to be customized according to the workpiece, eccentricity, size, and weight.

Technical Parameters

Model		HBJ-1	HBJ-3	HBJ-6	HBJ-10	HBJ-20	HBJ-30	HBJ-50	HBJ-80	HBJ-100	HBJ-150	HBJ-200	HBJ-300	HBJ-500
Loading Capacity (kg)		100	300	600	1000	2000	3000	5000	8000	10000	15000	20000	30000	50000
Revolving Speed (rpm)		0.3-3	0.15-1.5	0.1-1	0.1-1	0.1-1	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.05-0.5	0.04-0.4	0.04-0.4
Tilting Speed (rpm)		Manual		0.7	1	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Workbench Diameter (mm)		Φ400	Φ600	Φ1000	Φ1200	Φ1300	Φ1400	Φ1500	Φ1800	Φ2000	Φ2500	Φ2500	Φ3000	Φ4000
Max Eccentricity Distance (mm)		100	100	150	150	150	200	200	200	200	200	200	200	200
Max Gravity Center Distance (mm)		150	150	200	200	250	300	300	400	400	400	630	630	800
Workbench Tilting Angle (°)		0-90	0-90	0-90	0-105	0-105	0-120	0-120	0-120	0-120	0-120	0-120	0-120	0-120
Revolving Motor Power (KW)		0.09	0.18	0.37	0.75	0.75	1.5	2.2	2.2	3	3	4	7.5	11
Tilting Motor Power (KW)		—	—	0.37	0.75	1.5	1.5	1.5	3	4	5.5	7.5	11	18.5
Revolving Diameter At 90° (KW)		⩽600	⩽1000	⩽1200	⩽1500	⩽1500	⩽1600	⩽1800	⩽2200	⩽2500	⩽3400	⩽3400	⩽4200	⩽5700
Speed Control		VFD Control For Rotation Speed												
Tilting Center Height (mm)		370	560	720	835	832	1037	1185	1100	1550	1800	2000	2600	2250
Dimension	Length (mm)	750	860	1200	1300	1570	1920	2200	2280	2660	2780	2900	4200	5600
	Height (mm)	500	700	900	1000	1000	1240	1400	1500	1850	2100	2350	3000	3600
	Width (mm)	430	670	860	1040	1090	1300	1430	1430	2000	1910	1960	3300	4400

Pictures

3-axis Hydraulic Positioner

- **Normal Type.**
- **PLC Automatic Control.**
- The 3-axis hydraulic positioner combines 3-axis rotation and tilt functions to achieve precise angle adjustment during welding, ensuring that the welding point is always in the best position.
- Equipped with an advanced control system, it adapts to various welding methods such as TIG, MIG/MAG, and meets all your needs for high-quality welding

Technical Parameters

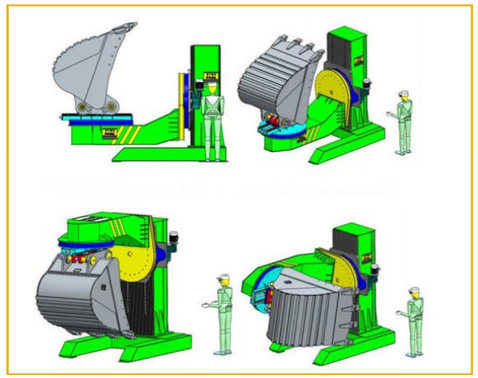
Model	GWP-10	GWP-20	GWP-30	GWP-50
Load Capacity	1000kg maximum	2000kg maximum	3000kg maximum	5000kg maximum
Table Diameter	1200mm	1300mm	1400mm	1500mm
Tilting Angle	0-120°	0-120°	0-120°	0-120°
Tilting Speed	0.3 rpm	0.23 rpm	0.2 rpm	0.2 rpm
Tilting Power	1.1 kw	1.5 kw	2.2 kw	4 kw
Rotation Speed	0.05-0.5 rpm	0.05-0.5 rpm	0.05-0.5 rpm	0.05-0.5 rpm
Rotation Power	0.75 kw	1.1 kw	1.5 kw	3 kw
Comtrolo Way	Remote Hand Control + Foot Pedal			
Input Voltage	110V~575V Single/3 Phase 50/60Hz			

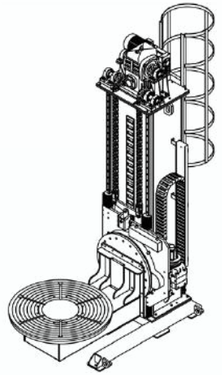
Pictures

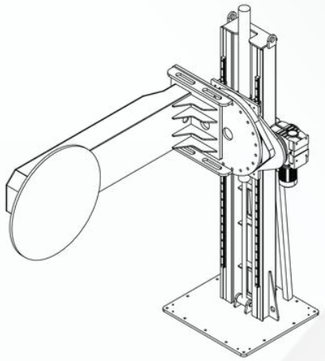
Skyhook Positioner

- Skyhook positioner is also a kind of 3-axis positioner with the function of rotation, tilt, and lift. But the structure is different, this model can be raised higher and the workpiece can face down 180° to achieve a better welding position.
- Load from 500kg to 15 tons or larger capacity.
- PLC control allows automation to reach the welding position, or linkage with robots for automated welding.

Application & Drawing







Pictures

Horizontal Turntable

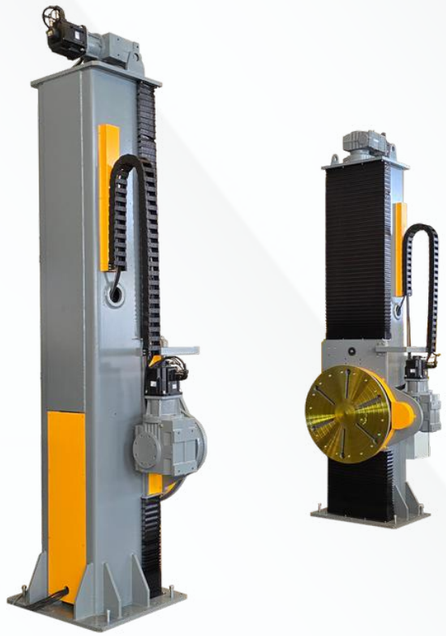
- ***Round Workbench.***
- ***Customized Workbench.***
- The main function of the horizontal turntable is that the workbench is rotating horizontally and can be set at different speeds according to the requirements.
- Loading capacity could range from 500kg to 100 tons. It can be made larger.
- It is possible to automate welding with welding robots or other production needs.

Technical Paramete

Model	HB-3	HB-5	HB-10	HB-20	HB-30	HB-50	HB-100	HB-200
Max Loading Capacity (kg)	300	500	1000	2000	3000	5000	10000	20000
Work Table Size (mm)	Φ600	Φ800	Φ1000	Φ1200	Φ1400	Φ1500	Φ1800	Φ2000
Max Eccentricity (mm)	100.0	100.0	200	200	200	200	200	200
Swing Speed (rpm)	0.1~1	0.1~1	0.05~0.5	0.05~0.5	0.05~0.5	0.05~0.5	0.05~0.5	0.05~0.5
Rotating Power (kw)	0.18	0.37	0.75	0.75	0.75	0.75	1.1	1.5
Speed Mode	Rotary frequency conversion stepless speed regulation							
Voltage	380V-50HZ-3PH(Other voltages can be customized)							

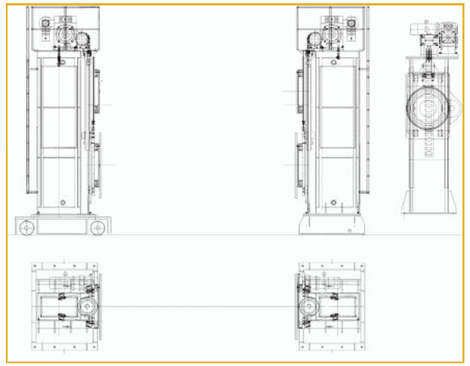
Pictures

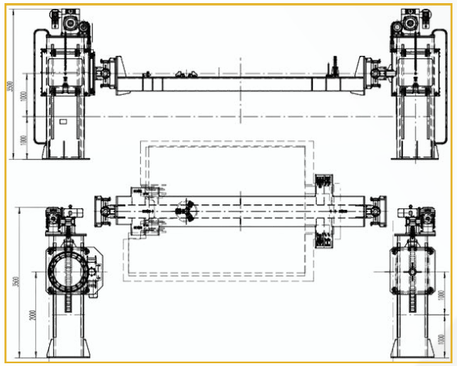
Headstock Tailstock Positioner



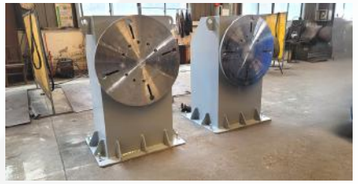
- ***Crossbar Bracket.***
- ***Dual Side Drive.***
- Headstock tailstock positioner brings the workpiece to the desired working position by lifting and lowering and rotating the workbench. The crossbar bracket could support the workpiece more stable.
- The loading capacity: 500kg ~ 20 tons.
- It could be controlled by PLC to realize automatic welding process and memorize the last working position and achieve one-touch reach.

Drawings

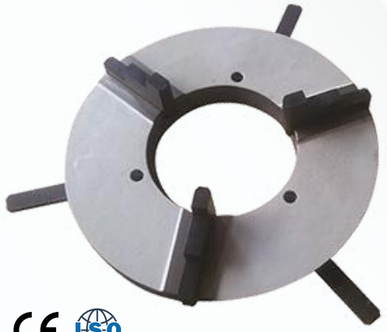


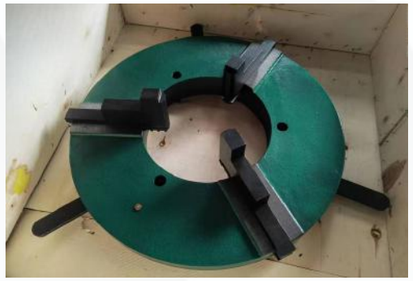


Pictures



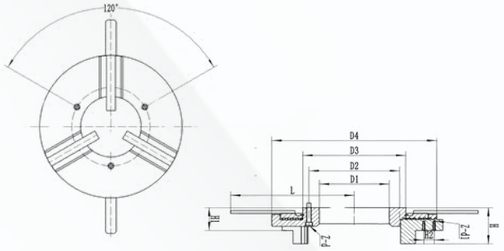
WP Series Welding Chuck





- ✓ Clamping Force: 1 meter
- ✓ Convenient Operation
- ✓ Large Through Hole
- ✓ Cheap

Drawing

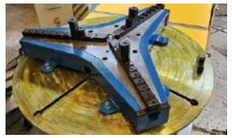


Technical Parameters

Connection Size Parameters										
Model	D1	D2(H7)	D3	D4	H	H1	H2	L	Z-d1	Z-d
WP200	Φ80	Φ100	Φ120	Φ200	67.5	39	21	200	6-M6	3-M8×35
WP300	Φ100	Φ120	Φ150	Φ300	67.5	39	21	240	6-M6	3-M8×35
WP400	Φ170	Φ220	Φ250	Φ400	95	45	25	300	6-M6	3-M10×40
WP500	Φ240	Φ280	Φ320	Φ500	110	60	25	350	6-M6	3-M12×55
WP600	Φ360	Φ395	Φ425	Φ600	170	105	40	425	6-M12	6-M12×110
WP750	Φ490	Φ530	Φ570	Φ750	170	105	40	500	6-M12	6-M12×110
WP900	Φ580	Φ640	Φ680	Φ900	170	105	40	600	6-M12	6-M16×110

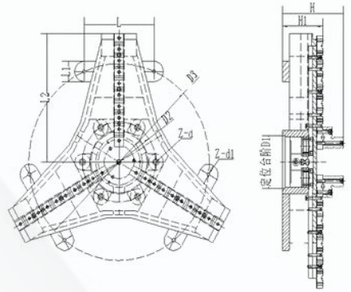
Performance Parameters					
Model	Allowable Clamping Force	Load Capacity	Reverse Jaw Clamping Range	Positive Jaw Clamping Range	Remark
WP200	200 kg	30 kg	Φ110--210	Φ20--130	1. The clamping jaws can be customized to increase the clamping range accordingly 2. Four-jaw, six-jaw and irregular multi-jaw chucks can be customized 3. If the workpiece clamping part exceeds the chuck body, the clamping load capacity will be weakened
WP300	250 kg	120 kg	Φ170--300	Φ20--190	
WP400	350 kg	240 kg	Φ250-400	Φ120--250	
WP500	600 kg	600 kg	Φ360--500	Φ200--340	
WP600	1200 kg	1000 kg	Φ400--700	Φ60--410	
WP750	1400 kg	1000 kg	Φ550--850	Φ25 0--580	
WP900	1500 kg	1000 kg	Φ550--950	Φ400--700	

WPT Series Welding Chuck



- ✓ Strong Clamping Force
- ✓ 2m Working Range
- ✓ Affordable Price
- ✓ Widely Applicable

Drawing

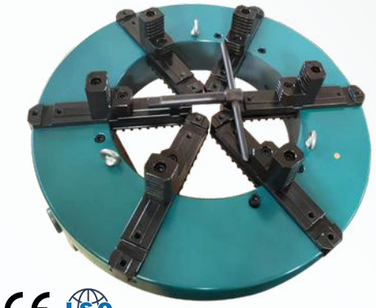


Technical Parameters

Connection Size Parameters									
Model	D1(H7)	D2	D3	H1	H	L2	L1	L	Z-d1	Z-d
WPT600	Φ205*10	Φ275		175	260	345	60	175	6-M12×150	
WPT1000	Φ254*10	Φ350		175	260	558	80	300	6-M16×150	6-M16×50
WPT1200	Φ254*10	Φ350		175	260	658	80	300	6-M16×150	6-M16×50
WPT1500	Φ405*10	Φ515		230	350	800	120	500	6-M20×200	6-M20×60
WPT1600	Φ405*10	Φ515		230	350	850	120	500	6-M20×200	6-M20×60
WPT1800	Φ405*10	Φ515		230	350	900	120	500	6-M20×200	6-M20×60
WPT2000	Φ505*10	Φ625		230	350	900	120	500	6-M20×200	6-M20×60

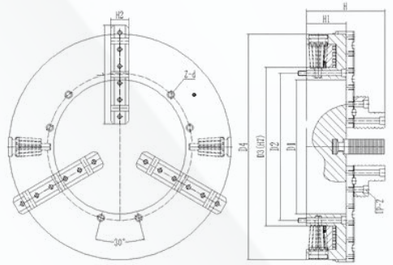
Performance Parameters					
Model	Max Input Torque	Max Clamping Force	Load Capacity	Clamping Range	Remark
WPT600	250Nm	35KN	1000 kg	Φ100-600	The safety factor of the chuck's clamping workpiece weight and clamping force is 0.1-0.2. Users must fully consider the safety factor to avoid danger. When used in a flipped state, the clamping capacity will be weakened due to the change in the center of gravity distance.
WPT1000	300Nm	45KN	1500 kg	Φ200-1000	
WPT1200	300Nm	45KN	1500 kg	Φ200-1200	
WPT1500	400Nm	65KN	2000 kg	Φ300-1500	
WPT1600	500Nm	65KN	2000 kg	Φ300-1600	
WPT1800	500Nm	65KN	2000 kg	Φ300-1800	
WPT2000	600Nm	70KN	2000 kg	Φ300-2000	

WPS Series Welding Chuck



- ✓ Upgraded Version of WP Series Chuck
- ✓ Larger Clamping Force
- ✓ Large Through Hole
- ✓ Convenient to Adjust

Drawing



Technical Parameters

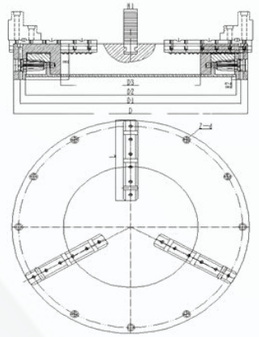
Connection Size Parameters										
Model	D1	D2	D3（H7）	D4	H	H1	H2	L	Z-d1	Z-d
WPS600	Φ360	Φ395	Φ425	Φ605	235	108	50	265	6-M12	6-Φ14
WPS700	Φ410	Φ455	Φ500	Φ705	235	115	50	265	6-M12	6-Φ14
WPS750	Φ490	Φ530	Φ570	Φ755	235	120	50	325	6-M12	9-Φ14
WPS900	Φ600	Φ650	Φ700	Φ905	250	120	60	360	6-M12	9-Φ18
WPS960	Φ630	Φ680	Φ735	Φ960	260	120	60	400	6-M16	9-Φ18
WPS1100	Φ760	Φ810	Φ860	Φ1100	260	120	60	400	6-M16	9-Φ18
WPS1250	Φ900	Φ955	Φ1010	Φ1300	260	120	60	400	6-M16	9-Φ18

Performance Parameters					
Model	Maximum Input Torque	Maximum Clamping Force	Positive Jaw Clamping Range	Reverse Jaw Clamping Range	Remark
WPS600	400NM	65KN	Φ100-600	Φ200--600	1. Customizable extended jaws, increased clamping range 2. Customizable four-jaw, six-jaw and irregular multi-jaw chucks. The workpiece clamping area exceeds the chuck body, and the clamping load capacity will be weakened accordingly.
WPS700	400NM	70KN	Φ100--700	Φ200--700	
WPS750	400NM	72KN	Φ200--750	Φ300--750	
WPS900	500NM	75KN	Φ200--900	Φ300--900	
WPS960	500NM	80KN	Φ300--960	Φ400--960	
WPS1100	500NM	90KN	Φ400--1100	Φ500--1100	
WPS1250	500NM	100KN	Φ400--1250	Φ500--1250	

K11/12/13 Series Welding Chuck

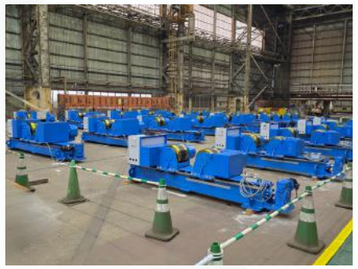
- ✓ Best and Largest Clamping Force
- ✓ Higher Precision
- ✓ Larger Through Hole
- ✓ 3 Jaw, 4 Jaw, 6 Jaw, 12 Jaw Types

Drawing



Technical Parameters

Connection Size Parameters									
Model	D	D1	D2(H7)	D3	H	H1	H2	L	Z-d
K11400	Φ400	Φ368	Φ340	Φ170	100	40	6	125	3-M16
K11 500	Φ500	Φ465	Φ440	Φ240	115	45	6	185	6-M16
K11 630	Φ630	Φ590	Φ560	Φ320	125	50	12	250	6-M16
K11 800	Φ800	Φ760	Φ730	Φ480	130	50	12	320	6-M16
K11 1000	Φ1000	Φ950	Φ902	Φ642	150	60	15	350	6-M20
K11 1200	Φ1200	Φ1140	Φ1080	Φ850	150	60	15	350	9-M20
K11 1500	Φ1500	Φ1440	Φ1380	Φ1100	150	80	15	425	9-M20

Performance Parameters					
Model	Maximum Input Torque	Maximum Clamping Force	Reverse Jaw Clamping Range	Positive Jaw Clamping Range	Remark
K11 400 500	500NM	60KN	Φ100--400/Φ100--500	Φ50--400/Φ100--500	1. Customization of non-standard self-centering chucks of various sizes and forms can be accepted 2. Customization of jaw length, four-jaw, six-jaw, eight-jaw and various styles of non-standard chucks can be accepted
K11 630	800NM	72KN	Φ200--630	Φ100--600	
K11 800	900NM	80KN	Φ100--800	Φ200-800	
K11 1000	1000NM	90KN	Φ300-1000	Φ200-1000	
K11 1200	1000NM	100KN	Φ400--1200	Φ300--1000	
K11 1500	1000NM	120KN	Φ500--1500	Φ400--1500	

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