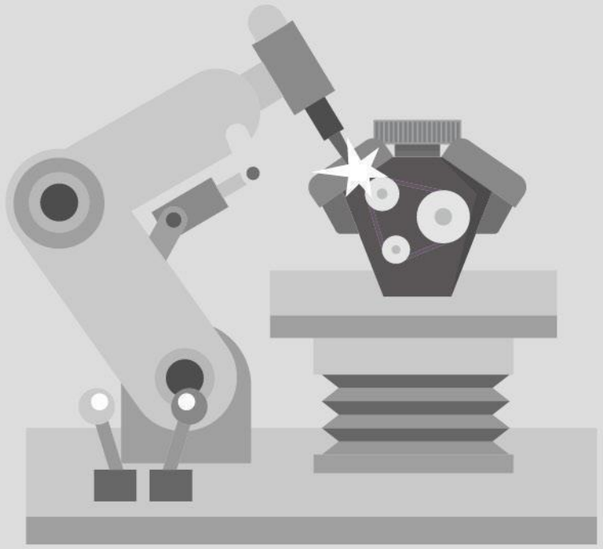

Innovation leads development, precision welding creates the future

威尔德智能机器人

WWELD INTELLIGENT ROBOT

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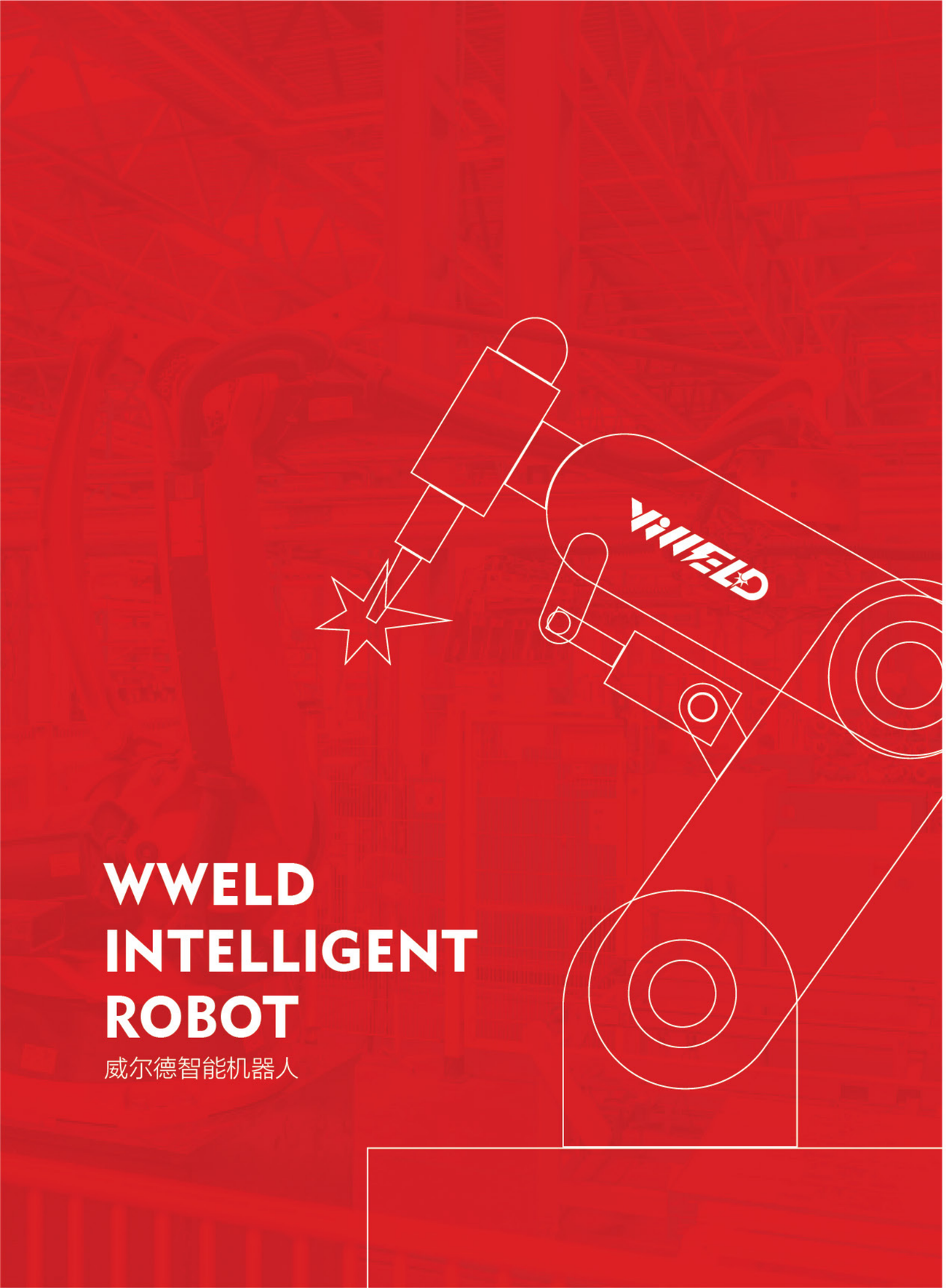

WWELD INTELLIGENT ROBOT

威尔德智能机器人

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Company Introduction

Weld Robot Co., Ltd. is located on the beautiful Tianmu Lake in Daitou Town Industrial Park, Liyang City, Jiangsu Province. It is an intelligent manufacturing company mainly engaged in automated robot welding, cutting, handling, and sorting.

After more than 30 years of accumulation and development, the company's team not only has years of welding and cutting experience, but also has the ability to integrate cutting-edge welding and cutting technology research and development.

We work together with the **Shanghai Baichu** R&D team to reach a consensus in the field of intelligent teaching-free control software.

We have joined hands with **American Lincoln**, **Shenzhen Megmeet** and **Wuxi Greeweld** to conduct in-depth discussions on mid-to-high-end welding power sources, and continue to learn and explore in various materials and scenarios;

We have joined hands with **Shanghai Chaifu Robot** to cooperate vigorously in the field of robot motion control;

We working together with **Changzhou TRM**, we can improve the stability of welding guns, consumables and gun cleaning stations for customers.

We use modern digital management software such as EPLAN/ERP/CRM/PLM/MES, combined with a comprehensive after-sales service system, to provide wholehearted service to global welding and cutting users.

Brand Story

There is a team with dreams and missions, which brings together elites in the field of welding technology and are committed to changing the world through innovative welding robot products.

The name of the WWELD brand implies multiple meanings：

"**WE**" represents the core value of the brand - we are people-oriented. The WWELD team attaches great importance to the cooperative relationship with customers and agents. We maintain an open attitude to cooperate with customers and agents to explore solutions together.

"**WW**" represents the brand's purpose - "make good products, provide good services, and ultimately achieve a win-win situation with customers." This is a principle that the WWELD team has always adhered to.

"**WELD**" stands for welding, which is the core business of the WWELD brand. Starting from welding, the WWELD team connects customers, technology and the world. Through advanced technology and excellent quality, they provide reliable welding solutions for various industries and create value for customers.

"**WILL**" represents the brand's good wishes and positive attitude. The WWELD team believes that with the continuous improvement of products and the continuous satisfaction of customers, the brand's coverage will become wider and wider, and the future is full of infinite possibilities.

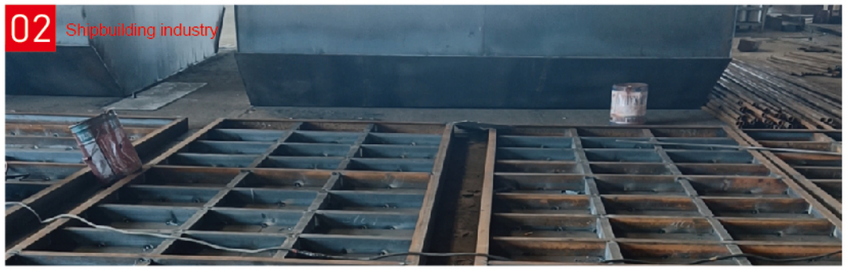
Overall, the story of the WWELD brand integrates the concepts of innovation, cooperation and sustainable development, highlighting the team's mission and values. The WWELD team is closely connected with customers, agents and the world to create a better future together.

Application area

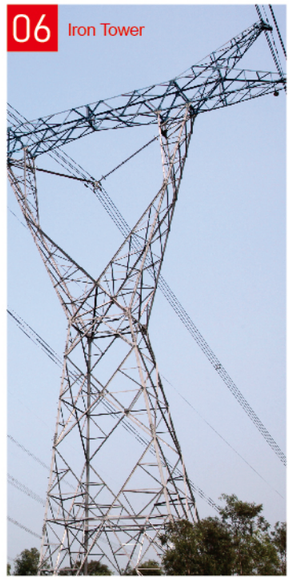
Wweld is committed to the continuous research and innovation of the latest intelligent programmable welding robot technology. Currently, it mainly targets the construction steel structure, iron towers, pressure vessels, chemical and shipbuilding industries, vigorously expanding domestic and foreign markets, and is committed to the high-end field of teaching free robots. Its strategic goal is to move towards intelligent, information-based, and unmanned welding factory solution manufacturers! WWELD is the first choice among many domestic automation equipment suppliers for teaching-free welding robots.

01 Building steel structure

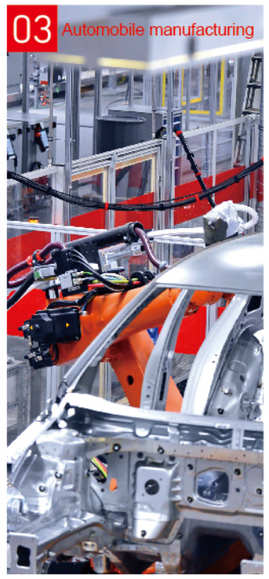
02 Shipbuilding industry



06 Iron Tower



03 Automobile manufacturing



04 Pressure vessel industry

05 Chemical industry

Scene comparison

Category	Comparison items	Manual welding	Traditional industrial robots	Teaching-free industrial robots	Human machine collaborative welding robot
Action principle	Welding action implementation	Hand	Industrial robotic arm	Industrial robotic arm	Collaborative robotic arm
	Finding the position of the weld seam	Eyes (human)	Nothing	Machine vision (3D camera or line laser)	Eye (human)/ machine vision (3D camera or line laser)
Applicable component types and programming methods	Applicability of multiple specifications of components	Highest	Not applicable	Applicable under certain rules	Most applicable
	Programming method	No need	Teaching pendant	Computer offline	Drag+ touch screen operation
	Drawing dependency	No need	Optional offline software	3D models or visual scans	No need
	Welding process selection	Relying on the experience of welders	Robot programmer settings	Process library settings	Database automatic adaptation
Environmental friendliness	Mobile flexibility	(Human) feet, high flexibility	Track, low flexibility	Track, low flexibility	Can be manually moved by Roller or track movement, Can be lifted and has high flexibility
	Land occupation area	Minimum	higher	Higher	Low
	Requirements for work environment (High and low temperatures, high altitude, etc.)	High	low	Low	Lower
	Environmental protection (smoke and dust treatment)	Difficult to remove dust	Can concentrate dust removal	Can concentrate dust removal	Can concentrate dust removal
Related to operators	Skill requirements	Skilled welder (High, requires long-term practice)	Robot technician (In Chinese, computer skills are required)	Robot technician (In Chinese, computer skills are required)	Ordinary operator or junior welder (Low, no need to understand computers or Welding process
	Labour intensity	Highest	Higher	Lower	Secondary
	Security	Low	Higher	Higher	Highest (capable of human-machine collaboration)
Quality and efficiency	Welding quality	Unstable (dependent on people)	Stable	Stable	Stable
	Homework preparation time	Minimum	Longest	Longer	Shorter
	Sustainability of homework	Short term assignments	Long term assignments	Long term assignments	Long term assignments
	Full cycle work efficiency	Highest	Minimum	higher	High
Investment income	Investment return ratio	Less investment at once High long-term expenses	Less investment at once High long-term expenses	A large investment at once Low long-term expenses	Less investment at once Low long-term expenses

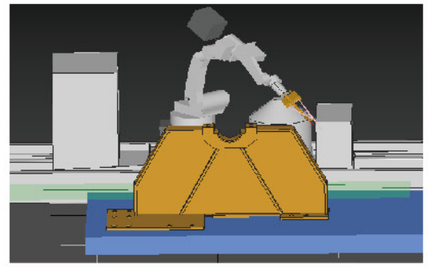
Product advantages

Welding technology

Professional process personnel are deeply involved in function development, tailor-made for welding automation.

Welding path planning

Select welding edges and generate welding paths automatically.



Robot motion control

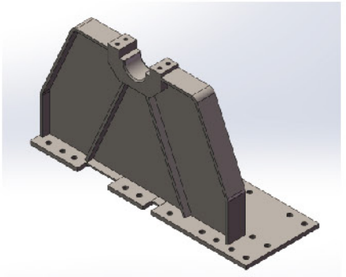
Starting from the bottom layer, the development of robot control algorithms for welding process actions will not be limited by robot motion, and the robot drive control will be integrated.

Visual technology recognition technology

Implement welding seam positioning/tracking technology based on structured light vision for locating and correcting workpiece cutting and assembly deviations. Real time positioning of workpiece position coordinates, achieving single batch multi workpiece welding.

Graphics processing technology

Ability to read and analyze models, automatically extract welds, and perform collision detection
Recognized format: Supports file formats exported from mainstream design software such as Tekla, NX, AutoDeskREVIT, AUTOdesk FUSION 360, CATIA, Solid-Works, etc .STEP、. IFC、. IGES……



Product composition——Integrated software and hardware

FSWeld2800 Intelligent Welding Control System

Product Name	Quantity
CypTronic_Pro-EW bus CNC host	1
WKB SW Welding Handheld Box	1
BCW600 laser seam finder	1
BCW020 adapter box	1
Wire, calibration parts, fixtures	1

Seam finder

Control System and Control Software

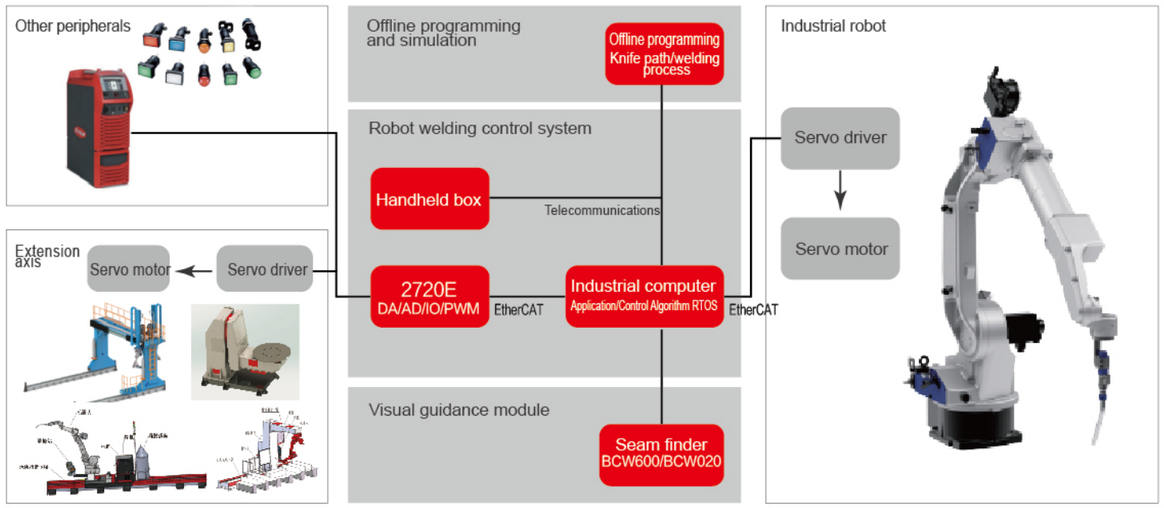

CypWeld


Control host

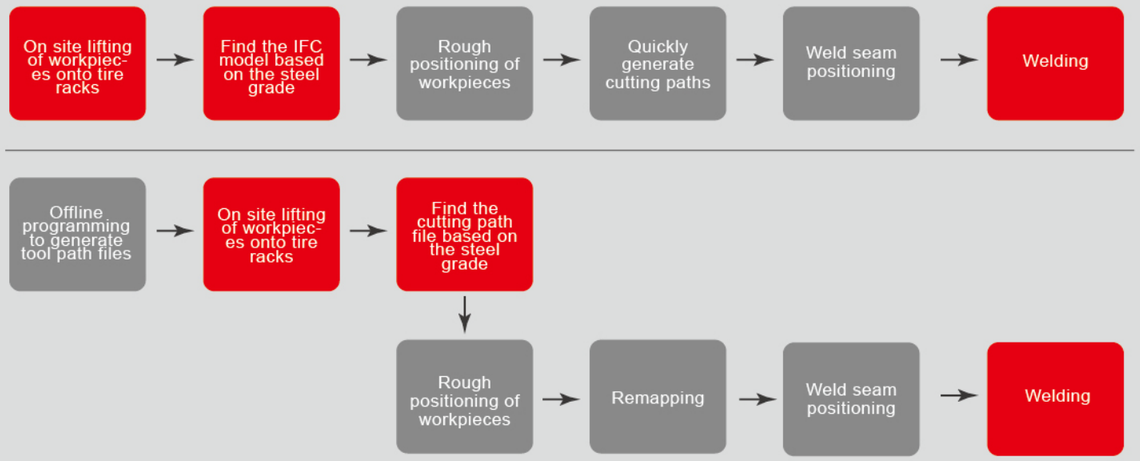

Adapter board


Handheld box

Intelligent welding scheme for eye brain integration

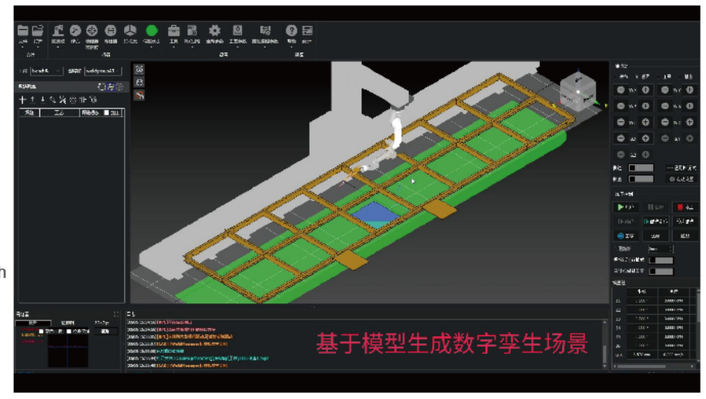


Basic processing flow of steel structures



Offline programming module

- Digital twin workstation
- Model analysis of weld seam extraction
- Automatic adjustment of welding gun posture
- Automatic generation of obstacle avoidance airborne path
- Remote generation of welding programs



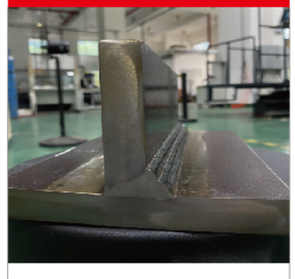
automatic calibration

- TCP automatic calibration
- Automatic calibration of laser tracker
- Hand eye automatic calibration

Advantages and features

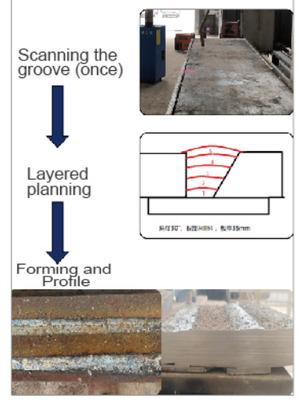
- Corner welding, continuous welding,waist round welding
- Small swing arc tracking
- Integrated coarse and fine positioning

Multi layer and multi-channel



- Expert process library
- Digital regulation
- Adapt to multiple materials and scenarios

Adaptive full penetration welding (with backing)



ARC series welding robots
SF6-C1400X

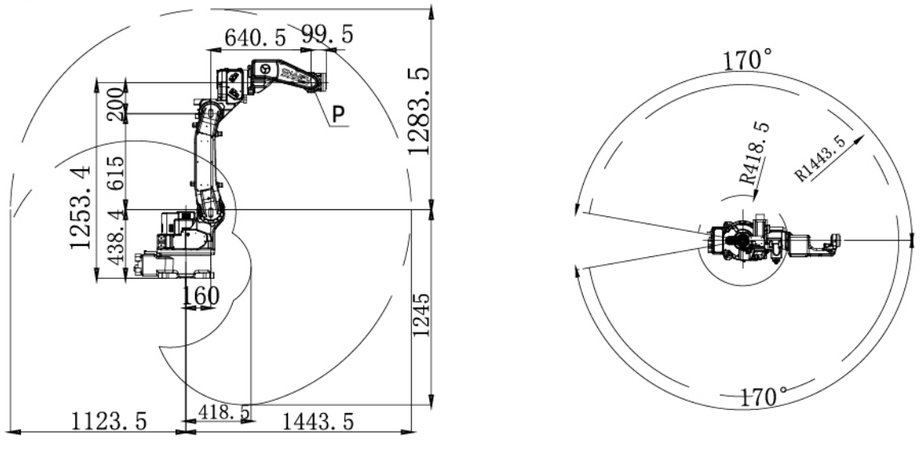
Market applications

Arc welding | Cutting | Transport | Machine tool loading & unloading | Pick up packaging | Assembly & packaging

Technical parameter

Model		SF6-C1400X
Structure type		Vertical multi joint type
Number of joint axes		6
Maximum activity radius		1440mm
Maximum hand load		6kg
Repetitive positioning accuracy		±0.05mm
Driving method		Using AC servo motor drive
Maximum action speed	J1Axis	240° /s
	J2Axis	240° /s
	J3Axis	260° /s
	J4Axis	400° /s
	J5Axis	400° /s
	J6Axis	700° /s
Maximum action range	J1Axis	±170°
	J2Axis	+90° /-155°
	J3Axis	+169° /-86°
	J4Axis	±155°
	J5Axis	+134° /-137°
	J6Axis	±220°
Maximum allowable torque	J4Axis	15.6N.m
	J5Axis	15.6N.m
	J6Axis	8.5N · m
Allowable moment of inertia	J4Axis	0.43kg.m²
	J5Axis	0.43kg.m²
	J6Axis	0.13kg.m²
Installation environment	Temperature	0℃-45℃
	Humidity	95%RHBelow(No condensation)
	Vibration	4.9m/s² Below
	Other	Do not have corrosive or flammable gases or liquids, stay away from electrical noise sources
Base size		355*355mm
Body height		1375mm
Body weight		150KG
Placement method		Any angle
Power capacity		3kVA

Range of Motion Chart



ARC series welding robots
SF6-C2080X

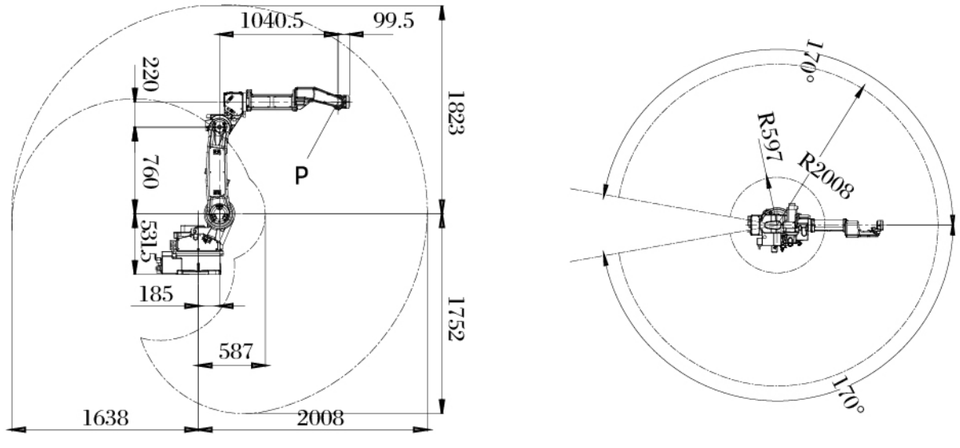
Market applications

Arc welding | Cutting | Transport | Machine tool loading & unloading | Pick up packaging | Assembly & packaging

Technical parameter

Model		SF6-C2080X
Structure type		Vertical multi joint type
Number of joint axes		6
Maximum activity radius		2008mm
Maximum hand load		6kg
Repetitive positioning accuracy		±0.08mm
Driving method		Using AC servo motor drive
Maximum action speed	J1Axis	190° /s
	J2Axis	190° /s
	J3Axis	190° /s
	J4Axis	400° /s
	J5Axis	400° /s
	J6Axis	700° /s
Maximum action range	J1Axis	±170°
	J2Axis	+100° /-157°
	J3Axis	+90° /-80°
	J4Axis	±155°
	J5Axis	+134° /-137°
	J6Axis	±220°
Maximum allowable torque	J4Axis	10N.m
	J5Axis	10N.m
	J6Axis	5.5N · m
Allowable moment of inertia	J4Axis	0.28kg.m²
	J5Axis	0.28kg.m²
	J6Axis	0.06kg.m²
Installation environment	Temperature	0℃-45℃
	Humidity	95%RHBelow(No condensation)
	Vibration	4.9m/s² Below
	Other	Do not have corrosive or flammable gases or liquids, stay away from electrical noise sources
Base size		396*396mm
Body height		1640mm
Body weight		280KG
Placement method		Any angle
Power capacity		3.8kVA

Range of Motion Chart

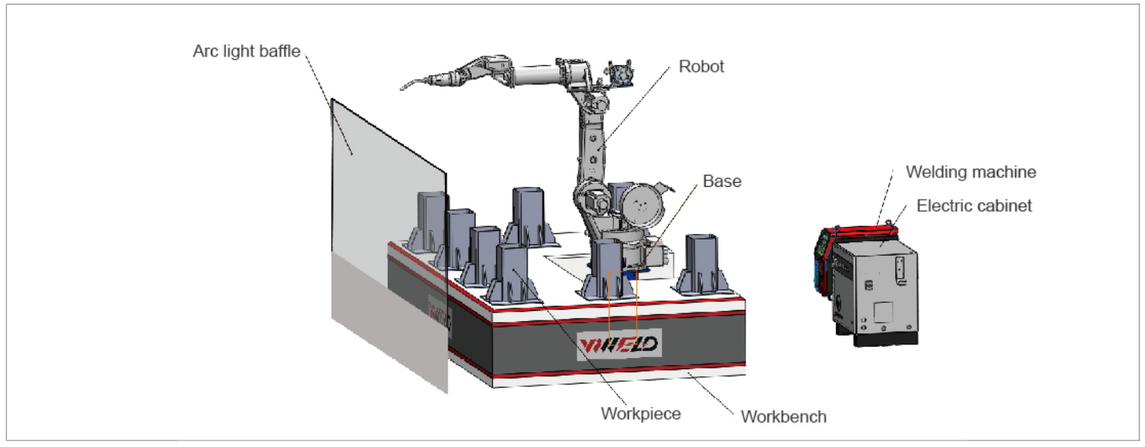


6-axis teaching-free welding robot

- Suitable for various small components, such as large corbel, tower base, etc;
- The workpiece can be flexibly shifted, and ship-shaped welding can be used to achieve one-time welding of large welding legs;
- Foolproof operation software: operators can start operating after 1-2 days of training. No manual intervention is required during the entire process, which greatly reduces the skill requirements for operators.

Technical parameter

Name	6-axis teaching-free welding robot	Installation environment	Temperature	-10-45℃
Structure	Stand-alone		Shock	4.9m/s² Below
Positioning accuracy	±0.5		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Number of axes	6			
End load	6KG			



Products suitable for welding

Corbel

Purlin support plate

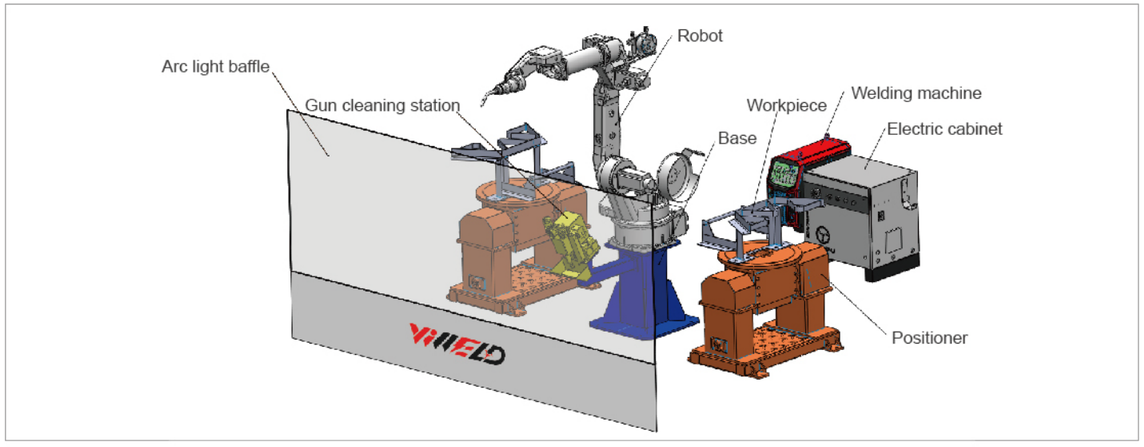
Tower base

6+2 positioner teaching-free welding robot

- Suitable for various small components, such as large corbel, tower base, etc;
- The workpiece can be flexibly shifted, and ship-shaped welding can be used to achieve one-time welding of large welding legs;
- Foolproof operation software: operators can start operating after 1-2 days of training. No manual intervention is required during the entire process, which greatly reduces the skill requirements for operators.

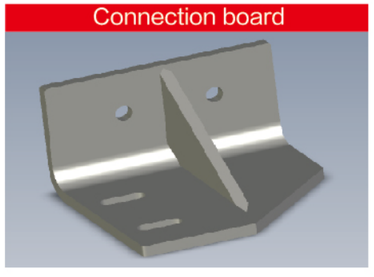
Technical parameter

Name	6-axis teaching-free welding robot	Installation environment	Temperature	-10-45℃
Model	WELD-1000		Shock	4.9m/s² Below
Structure	Stand-alone		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Positioning accuracy	±0.5			
Number of axes	6			

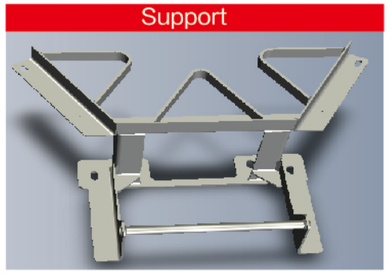


Products suitable for welding

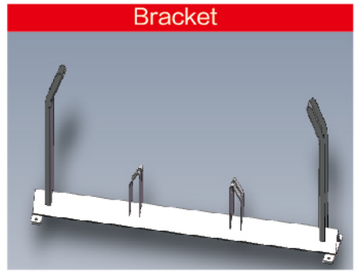
Connection board



Support



Bracket

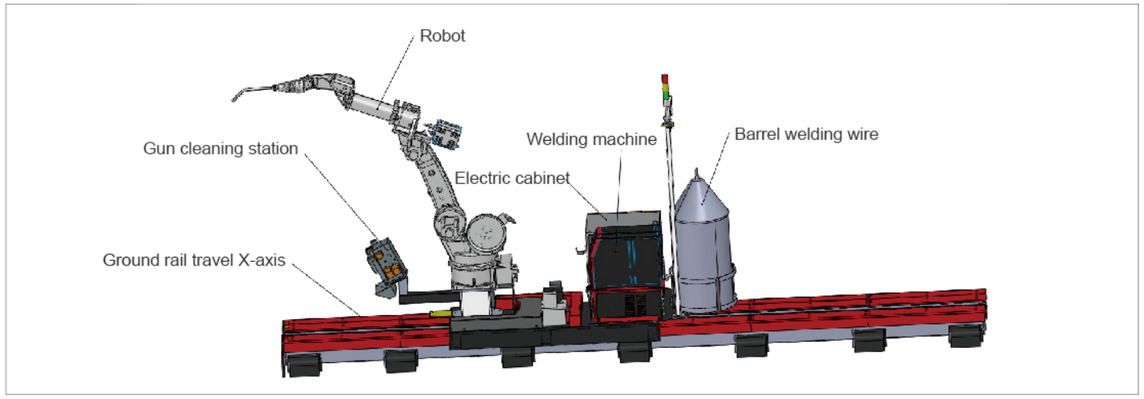


Ground rail type teaching-free welding robot

- Welding of open components, such as H-beams, roof beams, box columns, and other corner welded components;
- Add the 7th axis, robot and track follow-up control, and expand the working area;
- Work areas can be set up on both sides of the track, or work areas can be arranged in sections for small piece welding;
- Welding and handling work can be carried out simultaneously, effectively improving production efficiency.

Technical parameter

Name	Ground rail walking system	Installation environment	Temperature	-10-45℃
Model	WELD-1000-6/9/12/24X		Humidity	20-80%
Structure	Ground rail single machine		Workpiece width	≤1.2m
Load	1000 kg		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Positioning accuracy	±0.5mm			
Number of axes	6+1			
Length of X-axis track	6m/9m/12m/15m/24m		Maximum walking speed	40m/min

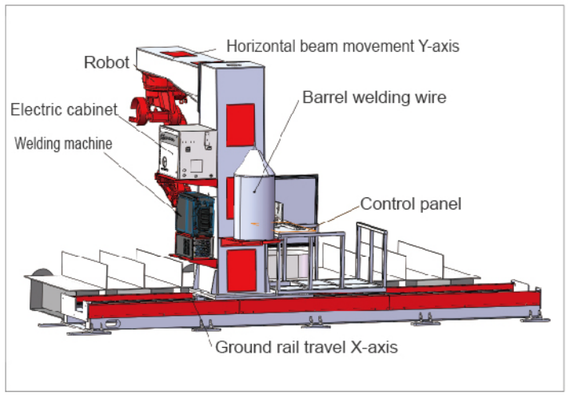


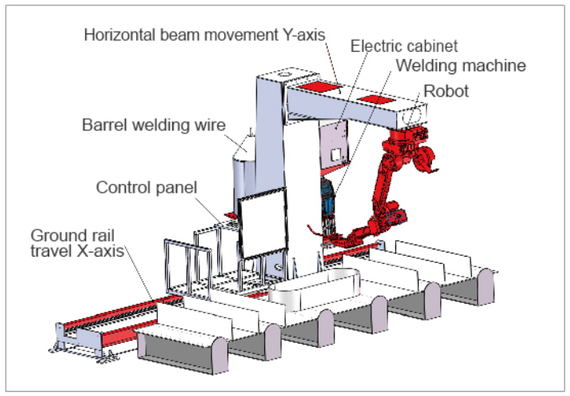
Cantilevered teaching-free welding robot (7-axis)

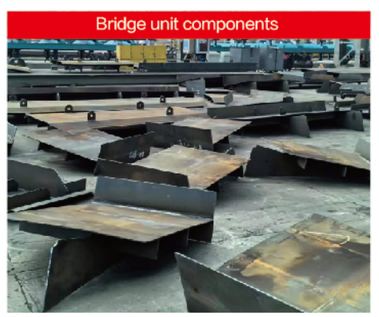
- Welding of open components, such as H-beams, roof beams, box columns, bridge internal partitions, etc;
- Add the 7th axis, robot and track follow-up control, and expand the working area;
- Suitable for workpieces with large aspect ratios， Workpiece width ≤ 2.4 m.

Technical parameter

Name	Cantilever walking system	Installation environment	Temperature	-10-45℃
Model	WELD-XB-2000-6/9/12X		Humidity	20-80%
Structure	7-axis cantilever		Workpiece width	≤2.4m
Load	2000KG		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Positioning accuracy	±1			
Number of axes	6+1			
Additional X-axis	Track length 6/9/12/24m		Walking speed	8m/min
Additional Y-axis	Effective travel distance of 2m			





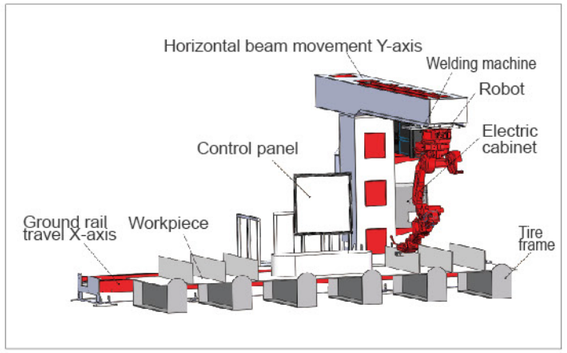


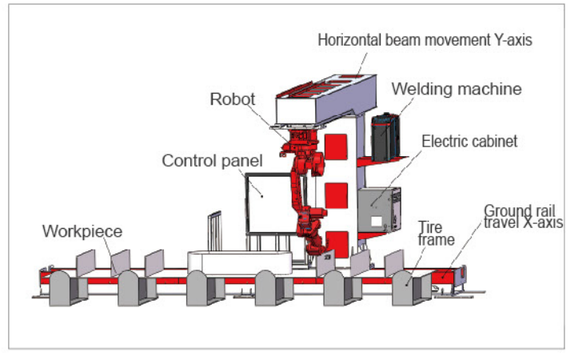
Cantilevered teaching-free welding robot (8-axis)

- Welding of open components, such as H-beams, roof beams, box columns, bridge internal partitions, etc;
- Add the 8th axis, robot and track follow-up control, and expand the working area;
- Suitable for workpieces with large aspect ratios,Workpiece width ≤ 3.4 m.

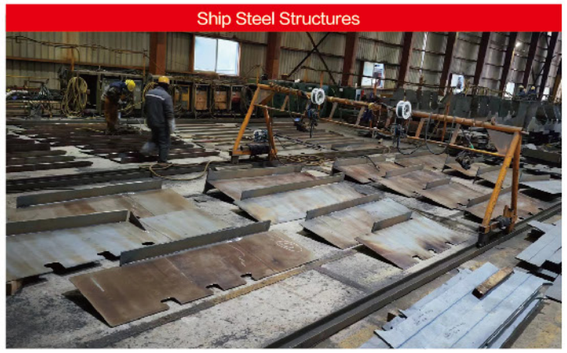
Technical parameter

Name	Cantilever walking system	Installation environment	Temperature	-10-45℃
Model	WELD-XB-2000-6/9/12X-2Y		Humidity	20-80%
Structure	Single axis 8--axis cantilever		Workpiece width	≤3.4m
Load	2000KG		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Positioning accuracy	±1			
Number of axes	6+2			
Additional X-axis	Track length 6/12m		Walking speed	8m/min
Y-axis additional axis	Effective travel distance of 2m			

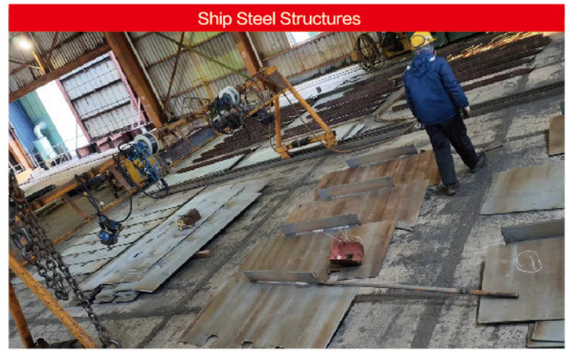




Ship Steel Structures



Ship Steel Structures

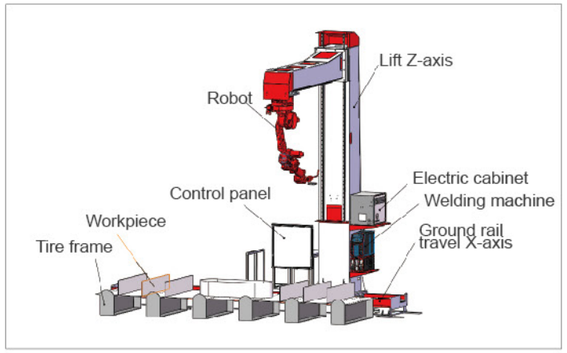


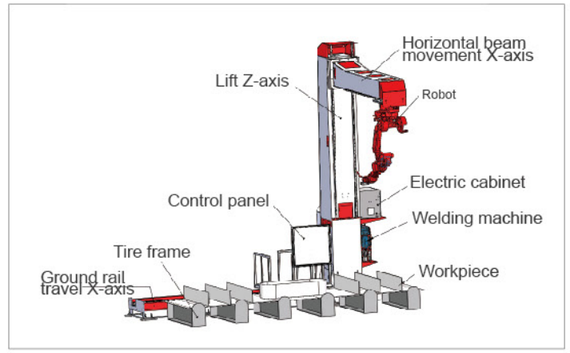
Cantilevered teaching-free welding robot (9-axis)

- Suitable for large-sized workpieces that require single axis flipping, such as box welding;
- Add the 9th axis all position intelligent welding robot has a super large arm span, which can achieve precise control of multiple degrees of freedom and achieve all position welding in both horizontal and vertical directions.

Technical parameter

Name	Cantilever walking system	Installation environment	Temperature	-10-45℃
Model	WELD-XB-2000-6/9/12X-2Y-2.5Z		Humidity	20-80%
Structure	Single axis 9--axis cantilever		Workpiece width	≤3.4m
Load	2000KG		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.
Positioning accuracy	±1			
Number of axes	6+3			
Additional X-axis	Customization		Walking speed	8m/min
Y-axis additional axis	Effective travel distance of 2m		Y-axis additional axis	Effective travel distance of 1.5~2.5m





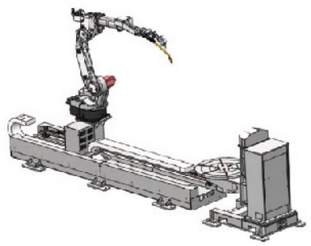
Building steel structure

Ship Steel Structures

Customized scenarios for teaching-free

Mobile welding robot

Composite welding robot with ground rail and displacement machine

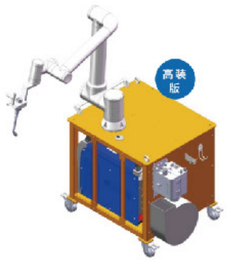


Imported brand mobile collaborative welding robot

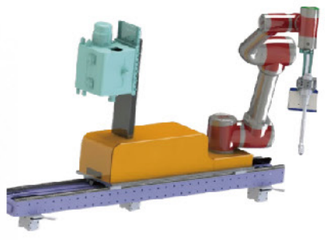
AGV+Collaborative Welding Robot

Low end collaborative welding robot

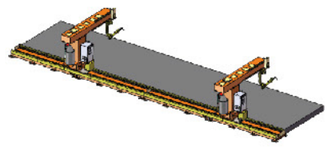
High end collaborative welding robot



Light rail collaborative welding robot



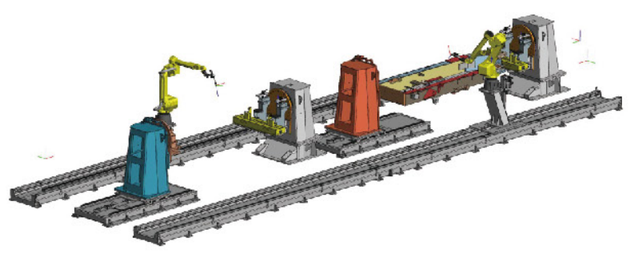
Multi machine rail welding robot



Gantry fixed beam welding robot

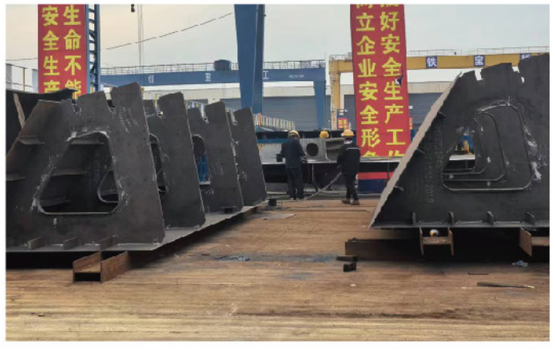
Cantilevered rotatable dual station welding robot

Customized multi machine collaborative welding and cutting production line



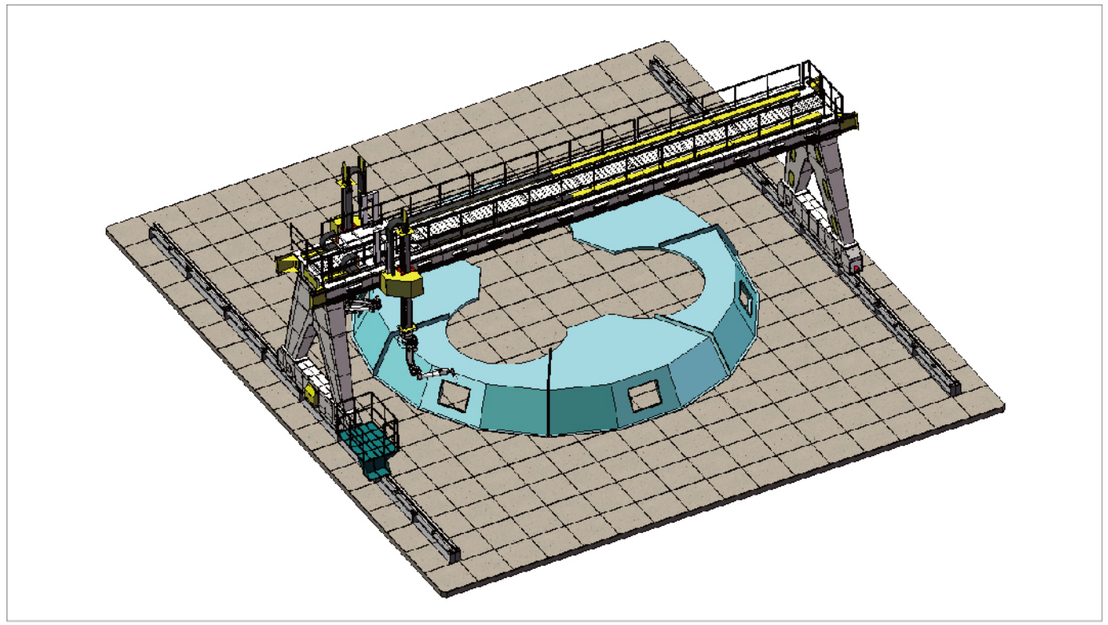
LM series teaching-free welding robot (7~8axis)

- Strong applicability, capable of welding large components such as U-rib plates and bridge slab units;
- Wide work area, capable of welding various long and curved welds;
- Dual robot collaborative operation effectively improves welding efficiency while reducing welding deformation and ensuring welding quality;
- By cooperating with the gantry walking track, it is possible to achieve simultaneous welding and handling of workpieces, thereby improving production efficiency.



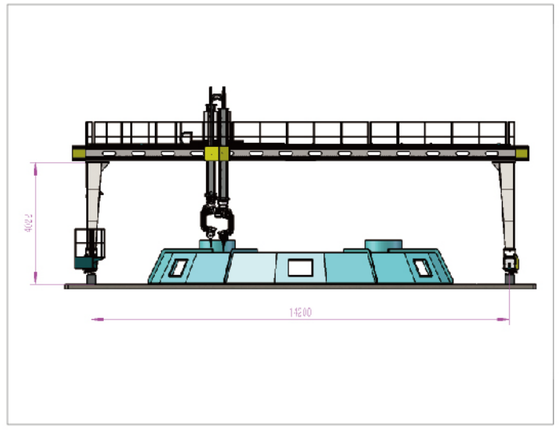
LM series teaching-free welding robot (9-axis)

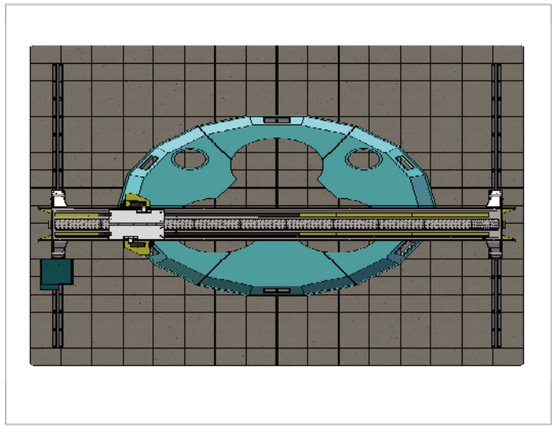
- Strong applicability, capable of welding large components such as U-rib plates and bridge slab units;
- Wide work area, capable of welding various long and curved welds;
- Dual robot collaborative operation effectively improves welding efficiency while reducing welding deformation and ensuring welding quality;
- By cooperating with the gantry walking track, it is possible to achieve simultaneous welding and handling of workpieces, thereby improving production efficiency.

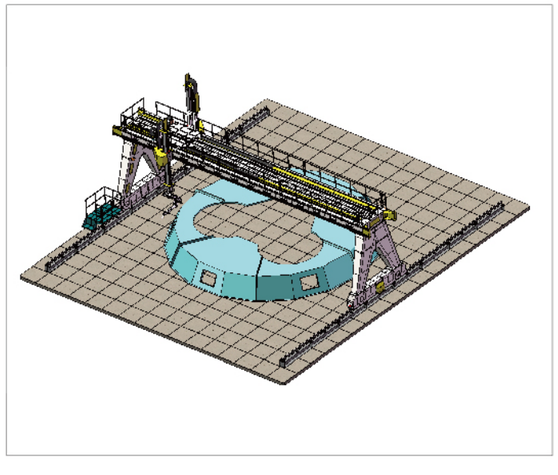


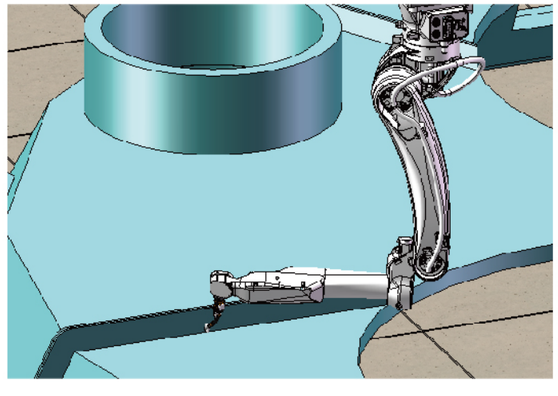
Technical parameter

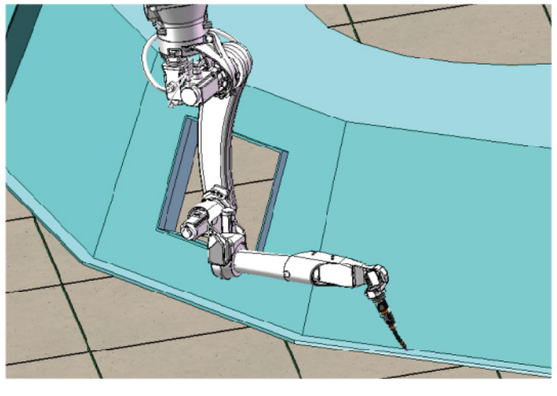
Name	Cantilever walking system	Installation environment	Temperature	-10-45℃	
Model	WELD-XB-LM-*Y-*X-*Z		Humidity	20-80%	
Structure	Double machine inverted gantry		Shock	4.9m/s² Below	
Load	Customization		Other	There must be no flammable and corrosive gases or liquids, no water, oil, etc., and no close proximity to high-intensity interference sources.	
Positioning accuracy	±1				
Number of additional axes	3+3				
X-direction walking length	Rail length of 12/24 meters/optional	Effective stroke of 2m	Walking speed	8m/min	
Y-axis walking length	4-12 meter optional	Z-direction walking length	1.5~2.5m		



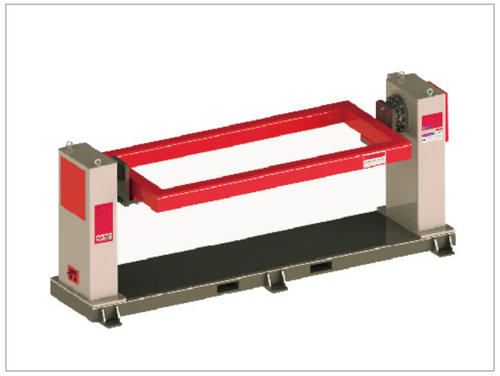






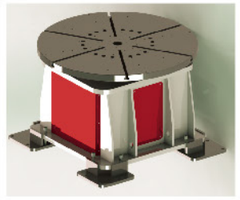


SINGLE AXIS HEAD AND TAIL FRAME POSITIONER



Model	Load	Disc diameter
WELD-4030A-180	300	1800*800*90
WELD-4030A-220		2200*800*90
WELD-4030A-250		2500*800*90
WELD-4050A-180	500	1800*780*90
WELD-4030A-220		2200*800*90
WELD-4050A-250		2500*800*90
WELD-4100A-180	1000	1800*800*110
WELD-4100A-250		2500*800*110
WELD-4200A-250	2000	2500*1000*160

SINGLE AXIS HORIZONTAL ROTARY POSITIONER

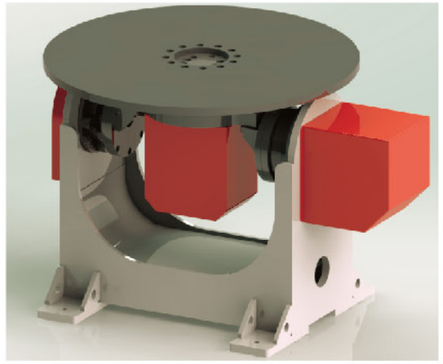


Model	Load	Disc diameter
WELD-4030D-080	300	Φ800*23H
WELD-4050D-080	500	
WELD-4100D-120	1000	Φ1200*28H
WELD-4200D-120	2000	Φ1200*38H

SINGLE AXIS HEAD POSITIONER

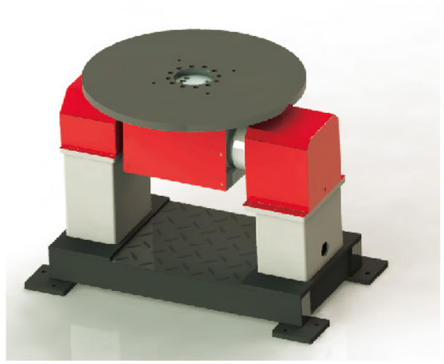
Model	Load	Disc diameter
WELD-4030T-050	300	Φ500*23H
WELD-4050T-050	500	Φ500*23H
WELD-4100T-080	1000	Φ800*28H

DOUBLE AXIS U-SHAPED POSITIONER



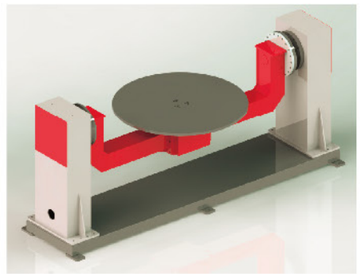
Model	Load	Disc diameter
WELD-4030P-050	300	Φ500*23H
WELD-4050P-050	500	Φ500*23H

DUAL AXIS P-TYPE POSITIONER



Model	Load	Disc diameter
WELD-4030P-080	300	Φ800*28H
WELD-4050P-080	500	Φ800*28H

DOUBLE AXIS U-SHAPED POSITIONER

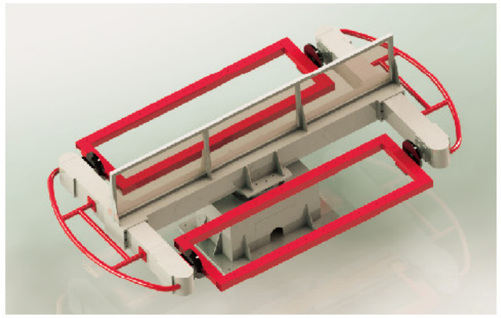


Model	Load	Disc diameter
WELD-4030U-050	300	Φ500*23H
WELD-4050U-050	500	Φ500*23H
WELD-4100U-080	1000	Φ800*28H

DUAL AXIS L-SHAPED POSITIONER

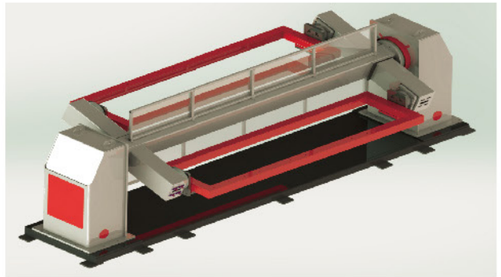
Model	Load	Disc diameter
WELD-4030L-050	300	Φ500*23H
WELD-4050L-080	500	Φ800*23H
WELD-4100L-120	1000	Φ1200*28H
WELD-4200L-120	2000	Φ1200*38H

THREE AXIS HORIZONTAL ROTARY POSITIONER



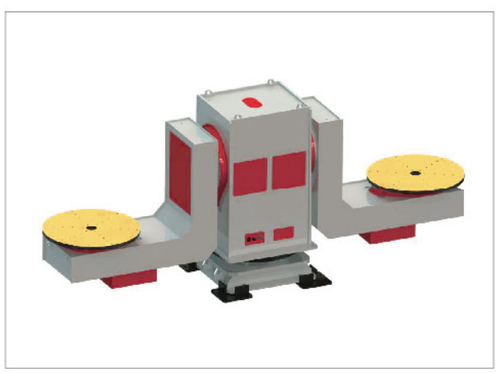
Model	Load	Disc diameter
WELD-4050SP-180	300	1780*780*90
WELD-4050SP-250		2480*780*90
WELD-4050SP-180	500	1780*780*90
WELD-4050SP-250		2480*780*90
WELD-4100SP-180	1000	1780*780*110
WELD-4100SP-250		2480*780*110

THREE AXIS VERTICAL ROTARY POSITIONER

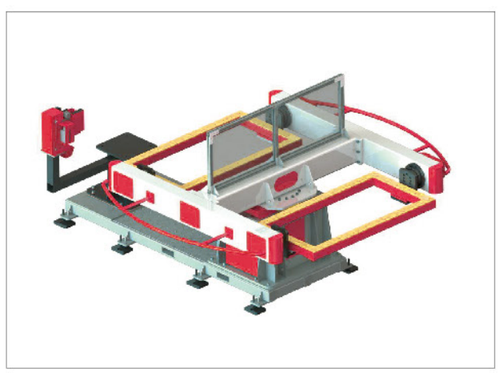


Model	Load	Disc diameter
WELD-4050SZ-180	300	1780*780*90
WELD-4050SZ-250		2480*780*90
WELD-4050SZ-180	500	1780*780*90
WELD-4050SZ-250		2480*780*90
WELD-4100SZ-180	1000	1780*780*110
WELD-4100SZ-250		2480*780*110

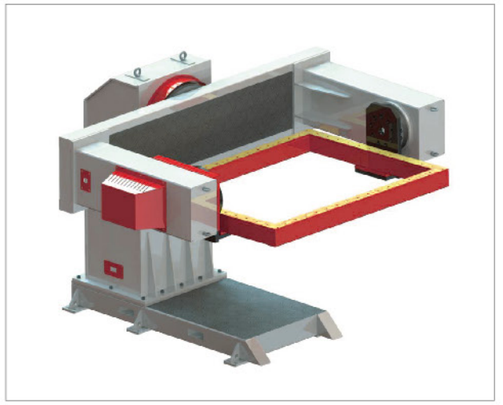
FIVE AXIS L-TYPE DUAL STATION POSITIONER



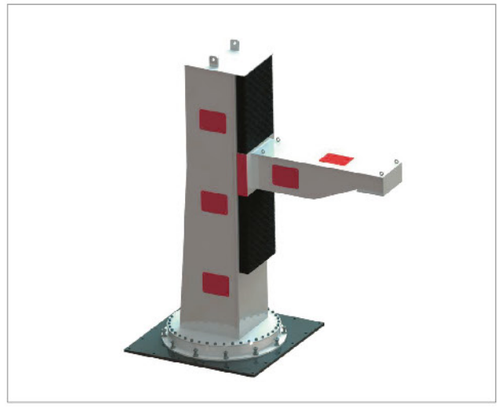
INTEGRATED THREE-AXIS HORIZONTAL ROTARY POSITIONER



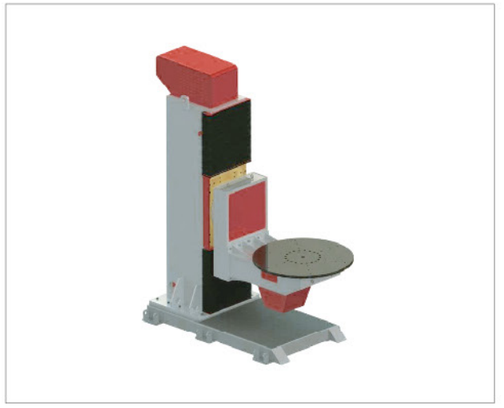
DUAL AXIS C-TYPE POSITIONER



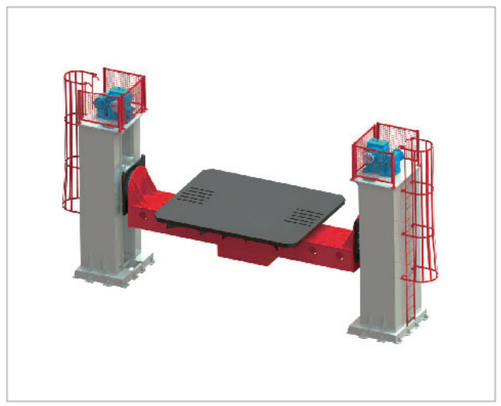
TWO AXIS C-TYPE ROTATING LIFTING CANTILEVER



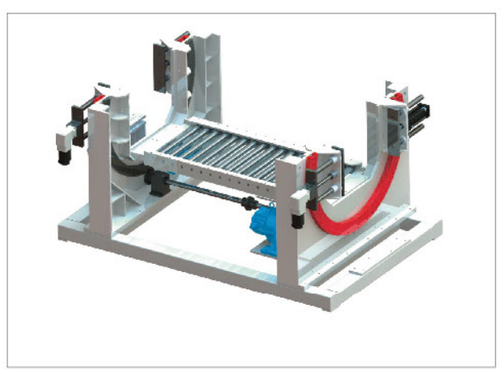
LIFTING DOUBLE-AXIS L-SHAPED POSITIONER



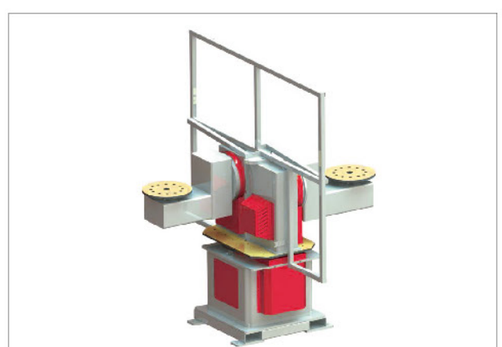
LIFTABLE DOUBLE-AXIS U-SHAPED POSITIONER



C-TYPE FLIP POSITIONER

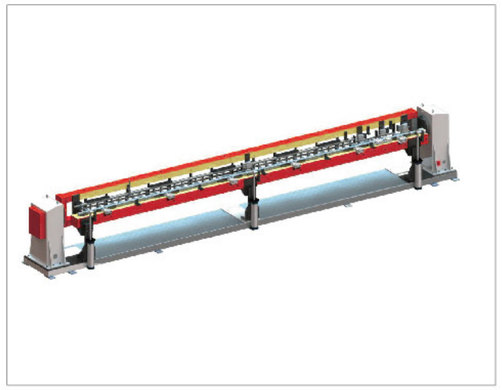


SMALL 5-AXIS L-TYPE DUAL STATION POSITIONER



CUSTOMIZED POSITIONER

CONSTRUCTION CLIMBING FRAME GUIDE RAIL WELDING POSITIONER

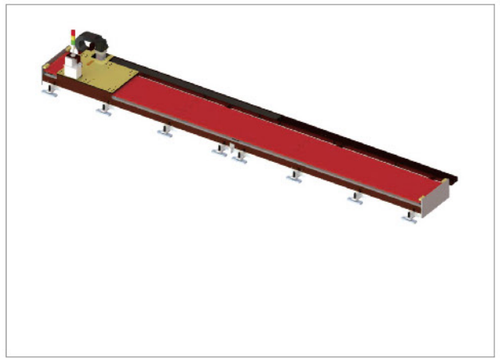


TWO AXIS SKY RAIL

THREE AXIS TRUSS

FOUR AXIS CANTILEVER WALKING GROUND RAIL

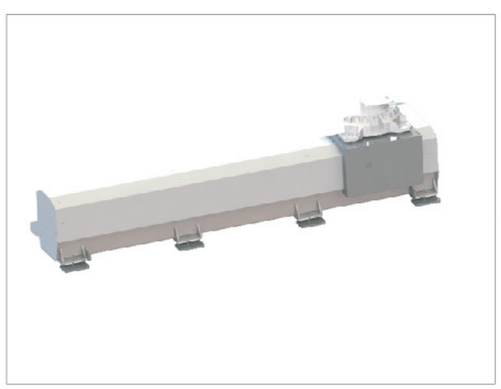
SEMI ENCLOSED GROUND TRACK



THREE AXIS SKY RAIL

DOUBLE MACHINE INVERTED GANTRY

CLOSED GROUND TRACK



FULLY ENCLOSED GROUND TRACK (ORGAN COVER TYPE)

THREE AXIS SMALL TRUSS

SIDE MOUNTED GANTRY

COLLABORATIVE WELDING ROBOT

Equipment characteristics

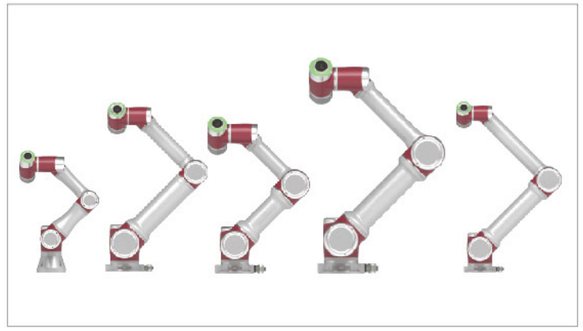
Easy to operate	Graphical Guided Programming
Quick programming	Easy drag and drop programming
High precision	Precision ± 0.02, precise point to point alignment
Lightweight	The robot weighs 12kg and is easy to move
Compatibility	Multiple communication methods, supporting secondary development
Reliable	MTBF 80000 hour certification
Security	Collision protection, safe and reliable
Fast and lightweight	Low resistance casters, fast, lightweight, and easy to understand

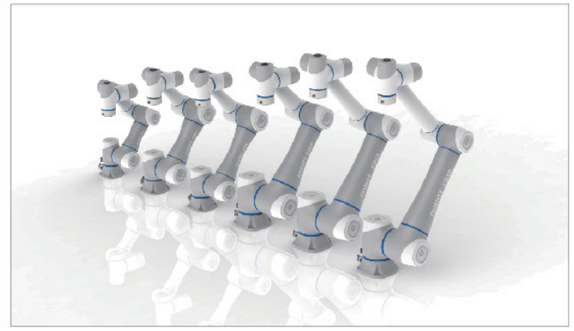








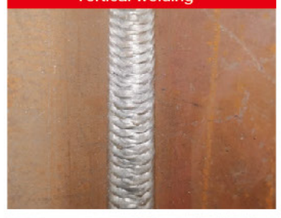




Standard configuration and optional items

Name	Standard configuration	Optional configuration
Welding the car body	Portable robot specific car	--
Portable robots	WWELD-JK 3	WWELD-JK 5
Welding machine brand	Otto, Megmeet, etc	Funeng Shi, Kenbei, Lincoln, etc
Welding machine specifications	500A	350A
Wire feeder interface	European style	Japanese, Other
Cooling water tank	Consistent with the welding machine brand	No cooling water tank
Welding gun brand	TRM, Rihao	Binzel and others
Welding gun interface	Consistent with the interface of the wire feeder	Consistent with the interface of the wire feeder
Welding gun cooling method	water-cooling	Air cooling
Welding gun angle	36 degrees	0 degrees, 22 degrees, 45 degrees

Vertical welding



Flat welding

Wrapping angle

Multi layer and multi pass welding

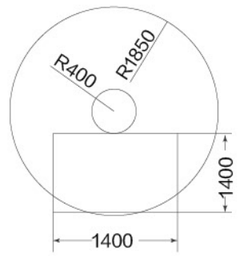
ROBOT SECONDARY BEVEL CUTTING

Equipment characteristics

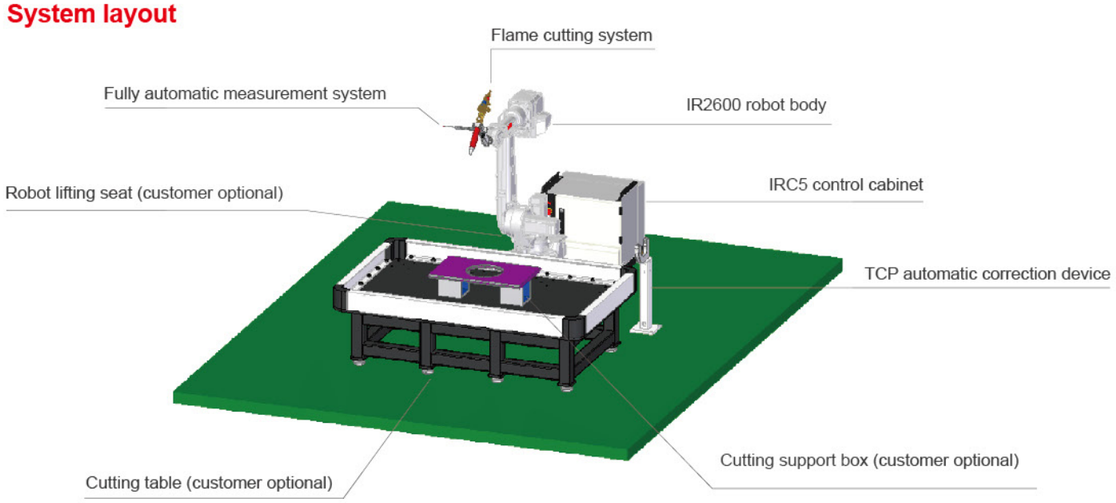
Save labor	One person operating multiple machines simultaneously
Save time	Faster cutting speed
No polishing required	High precision, smooth cutting surface

Technical parameter

Cutting range	X ≤ 1400mm Y ≤ 2200mm, see Figure 1 for details	Figure 1
Slope type	V. Y, X, K-shaped grooves	
Slope angle	25° ~55°	
Blunt edge of groove	⩾2mm	
Angle error	±1°	
Blunt edge error	±1mm	
Cutting type	Straight lines and arcs	
Cutting ability	Flame ≤ 300mm Plasma ≤ 75	

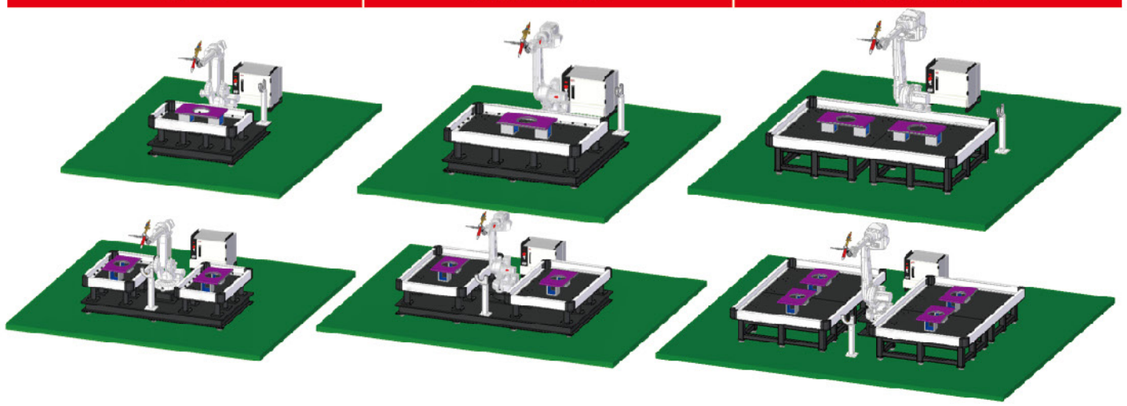


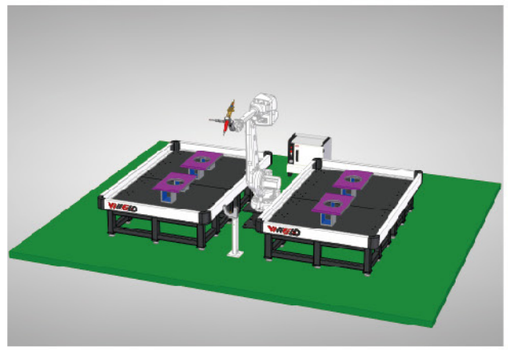
System layout

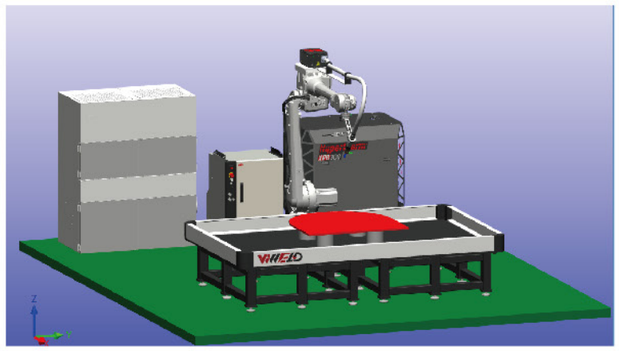


3D diagram

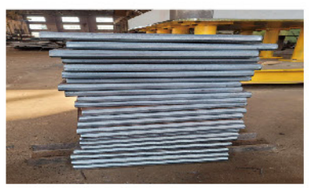
IRB1410	IRB2600-12/1.85	IRB4600-40/2.55

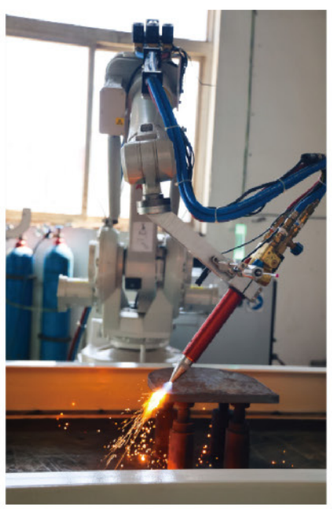






Physical display image





PARTNERS

CASE PRESENTATION