PeadyOn™ 瑞缔安







Distributor:

Daonte
Tecnología Metalmecánica

EN IEC 60974-1:2022+A11: 2022
EN IEC 60974-10:2021
EN ISO 12100-2010
EN ISO 10218-1:2011

ISO9001

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2025



Makes Welding Easier

A brand of NODHA

About Us

ReadyOn established in 2019, focusing on collaborative robot automation.

Concentrate on collaborative robot welding since 2023.

Integrated into NODHA Group in 2024, operate globally under the ReadyOn brand.

Our Vision: To transform complex welding into a one-click simplicity.

Content

About Us

Certificate & Training

Exhibition

MIG/MAG Welding Cobot System 3-6

Recommended Configuration - Trolley type 7-8

Recommended Configuration - Welding Table type 9-10

Recommended Configuration - Fixed Station 11-12

MIG/MAG Configuration Selection Guide 13-14

APP: Smart Welder V1.2.3 15-16

R&D Direction and Upcoming Product 17-18

Certificate







Demonstration & Training

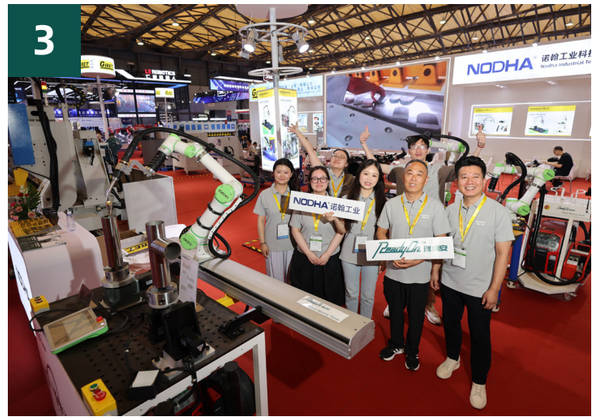
Scheduled online demonstrations and online training are always provided.

Exhibition

1. SCHWEISSEN & SCHNEIDEN 2025, Essen,Germany
2. CIIF 2025, Shanghai, China
3. BEW 2025, Shanghai, China
4. SteelFab 2025, Sharjah, UAE
5. CIIF 2024, Shanghai, China
6. BEW 2024, Shanghai, China













MIG/MAG Cobot Welding System



Cloud Service

Provide the download of the latest version of the welding package and the upload and storage of welding processes. Prevent loss of welding process due to the damage of the operation panel.

(Under Construction)

Internet



Cobot Arm

Cobot arms with payload 3-20 kgs and arm reach from 620 to 1800mm, providing more options for various applications.

RS 485



Smart Keypad - 9 keys

By communicating with the cobot via RS485 to achieve rapid dragging programming for welding path. With the function of Free-dragging, linear positioning, circular positioning, wire feed, wire extract, safety point setting, arc on, arc off and start welding.

Easy to use, free your hands from the handheld operation panel.



Welding Torch

Air cooling or water cooling and different cable length welding torch for option

Cooperative brand UK Parweld, TRM



Wire Feeder



Power Box



Controller



Operation Panel

Perform welding process settings and operations through the Android phone or tablet

Wireless operation is more convenient (Wired connection available)

Ethernat

EtherCAT
(CANopen)
(Analog)

WIFI



Industrial Router





Welding Source

Communication with MEGMEET, Panasonic welding source,

More brands communication are under developing

Smart Keypad - Smart, Easy, Quick programming





By communicating with the cobot via RS485 to achieve rapid dragging programming for welding path. With the function of Free-dragging, linear positioning, circular positioning, wire feed, wire extract, safety point setting, arc on, arc off and start welding.

Flexible and easy to use, no need to use the operation panel during programming.

Free-dragging

Using this button, you can drag the cobot arm freely without having to press and hold the “Teach” button at the end of the cobot arm, allowing the operator to easily and quickly perform drag programming.

Safety Point

Quickly set safety points. Set safety points at the beginning and end of each welding path.

The safety point is usually a safe location outside the welding path set by the operator.

Linear Positioning

Path planning is performed for all straight welding seam, whether horizontal, vertical or inclined. The welding paths can be completed by positioning two points.

Circular Positioning

Path planning for arc or full circle welding seam. Arc welding paths can be completed by positioning only three points; full circle welding paths can be completed by positioning only five points.

Arc On / Arc Off

Quickly set the arc on and off points for welding. Use this setting simultaneously when positioning a weld paths.

Different welding processes can be inserted in different welding sections according to the teaching path

When planning a weld path, the first positioning point is also the arc on point, and the last positioning point is also the arc off point.

Wire Feed / Wire Extract

Quickly adjust the welding wire, saving adjustment time

Start Welding

Clear All

When need to quickly re-positioning the points, you can choose to perform a one-button clear

Wire feeding Cable fixture: Sliding ball bracket





Material: modified Nylon and stainless steel

Performance: Lock the cobot arm with a stainless steel clamp and secure the corrugated hose with a bracket

Ensure the wire feeding cable can adapt to the changes of the cobot arm posture to ensure smooth wire feeding

Magnetic Pedestal

magswitch®

The magnetic base is a crucial accessory that enables cobot to move more flexibly.

It allows the cobot to attach to large workpieces for welding.



Safety is the first

safety™

Design complies with ASME BTH-1 and B30.20 standards

Magnet holding force up to 1200 lbs (543 kgs)

Triangular stable structure design, uniform force distribution in all directions

Trolley type Welding Cobot Unit

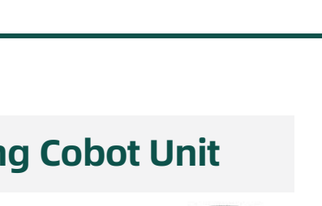


• Available options

Cobot: G4a, G6a

Welding Power: MEGMEET Dex 2 M Series, Dex2 L Series







Features

Exceptional mobility to handle diverse terrains.	Well-organized cable layout with integrated cable management.
Cobot arm can magnetically attach to large workpieces.	Open frame design for easy maintenance
Compact structure with a small footprint.	Durability ensured by high-quality sheet metal fabrication.

Standard Supply Scope

Cobot System	1	Wire Feeding Cable Fixture	3
Welding System	1	Movable Trolley	1
Smart Keypad	1	Magnetic Pedestal	1
Electric Cabinet	1	Ground Wire Clamp	1
Software -Smart Welder	1	Allen Wrench	1

Recommended Configuration

Model	G43W	G45W	G63W	G65W
Product Code	G4a350MDR502TE	G4a500MPR502TE	G6a350MDR502TE	G6a500MPR502TE
Cobot System - CGXi				
Cobot / Arm Reach	G4a / 1300mm	G4a / 1300mm	G6a / 924mm	G6a / 924mm
Payload	4 KGS	4 KGS	6 KGS	6 KGS
Cobot Controller	MK-302S-W	MK-302S-W	MK-302S-W	MK-302S-W
Cobot Power box	PS-1000-48	PS-1000-48	PS-1000-48	PS-1000-48
Teach Pendant	O	O	O	O
Welding System - MEGMEET				
Welding Power	Dex2 350MDR	Dex2 500MPR	Dex2 350MDR	Dex2 500MPR
Wire Feeder	WF2-50PW	WF2-50PW	WF2-50PW	WF2-50PW
Welding Torch	RW502X/D22-5000E		TRM605WHD-22-167-5M or RW502X/D22-5000E	
Communication Mode	EtherCAT	EtherCAT	EtherCAT	EtherCAT
Cooling	Water	Water	Water	Water
Cooler	Anycool-66	Anycool-66	Anycool-66	Anycool-66
Operation - ReadyOn				
Smart Keypad	S	S	S	S
Operation Tablet - (Android)	User Self-purchase	User Self-purchase	User Self-purchase	User Self-purchase
Software - ReadyOn				
Smart Welder V1.2.3	S	S	S	S
Language	Chinese / English	Chinese / English	Chinese / English	Chinese / English
Cloud Storage	O	O	O	O
Update for lifetime	S	S	S	S
Control Cabinet				
Industrial Router	S	S	S	S
Electrical components	Schneider Electric, ABB			
Hardware				
Movable Trolley	S	S	S	S
Wire Feeding Fixture	S	S	S	S
Trolley Lifting Ring	S	S	S	S
Ground Wire Clamp	S	S	S	S
Allen wrench	S	S	S	S
Distance of Cobot apart from Trolley				
Standard	6.5 M			
Optional Length	9M / 14 M			

S: Standard Supply; O: Optional

Based on the actual welding requirements, new configuration demands can be proposed.

Welding Table type Welding Cobot Unit



- **Available options**

Cobot: G4a, G6a

Welding Power:MEGMEET Dex 2 M Series, Dex2 L Series



Features

Ideal for welding small workpieces.	Multi-station welding is available
Welding table size: 1200 x 800mm; 16mm holes for clamps and fixtures	Well-organized cable layout
Can be fixed in place or moved around for maximum convenience.	Open frame design for easy maintenance
Equip a built-in, retractable drawer for collecting welding dust and debris.	Durability ensured by high-quality sheet metal fabrication.
Optional magnetic pedestal available for enhanced mobility.	

Standard Supply Scope

Cobot System	1	Wire Feeding Cable Fixture	3
Welding System	1	Welding Table	1
Smart Keypad	1	Ground Wire Clamp	1
Electric Cabinet	1	Gas Cylinder Hold Fixture	1
Software -Smart Welder	1	Allen Wrench	1

Recommended Configuration

Model	G43W	G45W	G63W	G65W
Product Code	G4a350MDR502TB	G4a500MPR502TB	G6a350MDR502TB	G6a500MPR502TB
Cobot System - CGXi				
Cobot / Arm Reach	G4a / 1300mm	G4a / 1300mm	G6a / 924mm	G6a / 924mm
Payload	4 KGS	4 KGS	6 KGS	6 KGS
Cobot Controller	MK-302S-W	MK-302S-W	MK-302S-W	MK-302S-W
Cobot Power box	PS-1000-48	PS-1000-48	PS-1000-48	PS-1000-48
Teach Pendant	O	O	O	O
Welding System - MEGMEET				
Welding Power	Dex2 350MDR	Dex2 500MPR	Dex2 350MDR	Dex2 500MPR
Wire Feeder	WF2-50PW	WF2-50PW	WF2-50PW	WF2-50PW
Welding Torch	RW502X/D22-5000E		TRM605WHD-22-167-5M or RW502X/D22-5000E	
Communication Mode	EtherCAT	EtherCAT	EtherCAT	EtherCAT
Cooling	Water	Water	Water	Water
Cooler	Anycool-66	Anycool-66	Anycool-66	Anycool-66
Operation - ReadyOn				
Smart Keypad	S	S	S	S
Operation Tablet - (Android)	User Self-purchase	User Self-purchase	User Self-purchase	User Self-purchase
Software - ReadyOn				
Smart Welder V1.2.3	S	S	S	S
Language	Chinese / English	Chinese / English	Chinese / English	Chinese / English
Cloud Storage	O	O	O	O
Update for lifetime	S	S	S	S
Control Cabinet				
Industrial Router	S	S	S	S
Electrical components	Schneider Electric, ABB			
Hardware				
Welding Table	Welding table size: 1200 X 800 mm; 16mm holes for clamps and fixtures			
Magnetic Pedestal	O	O	O	O
Wire Feeding Fixture	S	S	S	S
Ground Wire Clamp	S	S	S	S
Gas Cylinder Hold Fixture	S	S	S	S
Allen wrench	S	S	S	S

S: Standard Supply; O: Optional

Based on the actual welding requirements, new configuration demands can be proposed.

Fixed-station welding workstation

- **Available options**

Cobot: G4a, G9a, G12a, G20a

Welding Power:MEGMEET Dex 2 M Series, Dex2 L Series



Features

Multi-station welding is available	Well-organized cable layout with integrated cable management.
Can replace industrial robots in some scenarios.	Open frame design for easy maintenance
Easier operation than industrial robots	Durability ensured by high-quality sheet metal fabrication.

Standard Supply Scope

Cobot System	1	Wire Feeding Cable Fixture	4
Welding System	1	Movable Trolley	1
Smart Keypad	1	Cobot mounting post	1
Electric Cabinet	1	Ground Wire Clamp	1
Software -Smart Welder	1	Allen Wrench	1

Recommended Configuration

Model	G95W	G95W	G205W	G205W
Product Code	G9a500MDR502MP	G9a500MPR502MP	G20a500MDR502MP	G20a500MPR502MP
Cobot System - CGXi				
Cobot / Arm Reach	G9a / 1500mm	G9a / 1500mm	G20a / 1800mm	G20a / 1800mm
Payload	9 KGS	9 KGS	20 KGS	20 KGS
Cobot Controller	MK-302S-W	MK-302S-W	MK-302S-W	MK-302S-W
Cobot Power box	PS-2000-48	PS-2000-48	PS-3000-48	PS-3000-48
Teach Pendant	O	O	O	O
Welding System - MEGMEET				
Welding Power	Dex2 500MDR	Dex2 500MPR	Dex2 500MDR	Dex2 500MPR
Wire Feeder	WF2-50PW	WF2-50PW	WF2-50PW	WF2-50PW
Welding Torch		TRM605WHD-22-167-5M or RW502X/D22-5000E		
Communication Mode	EtherCAT	EtherCAT	EtherCAT	EtherCAT
Cooling	Water	Water	Water	Water
Cooler	Anycool-66	Anycool-66	Anycool-66	Anycool-66
Operation - ReadyOn				
Smart Keypad	S	S	S	S
Operation Tablet - (Android)	User Self-purchase	User Self-purchase	User Self-purchase	User Self-purchase
Software - ReadyOn				
Smart Welder V1.2.3	S	S	S	S
Language	Chinese / English	Chinese / English	Chinese / English	Chinese / English
Cloud Storage	O	O	O	O
Update for lifetime	S	S	S	S
Control Cabinet				
Industrial Router	S	S	S	S
Electrical components	Schneider Electric, ABB			
Hardware				
Wire Feeding Fixture	S	S	S	S
Cobot mounting post	S	S	S	S
Ground Wire Clamp	S	S	S	S
Allen wrench	S	S	S	S

*S: Standard Supply; O: Optional

Based on the actual welding requirements, new configuration demands can be proposed.

Configuration Selection Guide

With a variety of customizable configuration options, you can freely combine, match and adjust each configuration until the final selection perfectly matches your needs.

To better understand your needs and speed up our response, please complete the configuration options. Each of your preferences will guide our team to provide faster and more accurate service.

• Instructions

Select one of the four categories on the right to form a configuration

For example, G4a+500MPR+TRM605WHD+HW2502TE will be a complete configuration.

When multiple different configurations are required, please advise us according to the example above.

CEXi

MEGMEET Panasonic

ewm

parweld WELDING THE FUTURE TRM

Contact us to obtain more detailed information about cobot arms, welding power source, welding torch and hardware Integration type











Cobot System - CGXI Flexible Collaborative Robot

	Part No.	Description
☐	G3a	Collaborative Robot G3a - 620mm Reach, 3kg Payload. C/w controller and power box
☐	G4a	Collaborative Robot G4a - 1300mm Reach, 4kg Payload. C/w controller and power box
☐	G6a	Collaborative Robot G6a - 917mm Reach, 6kg Payload. C/w controller and power box
☐	G9a	Collaborative Robot G9a - 1500mm Reach, 9kg Payload. C/w controller and power box
☐	G12a	Collaborative Robot G12a - 1300mm Reach, 12kg Payload. C/w controller and power box
☐	G20a	Collaborative Robot G20a - 1800mm Reach, 20kg Payload. C/w controller and power box

Welding Source - MEGMEET, Panasonic, More brands developping...

	Part No.	Description
☐	Dex2 350MDR	MEGMEET Dex2 350MDR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	Dex2 500MDR	MEGMEET Dex2 500MDR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	Dex2 350MPR	MEGMEET Dex2 350MPR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	Dex2 500MPR	MEGMEET Dex2 500MPR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	Dex2 350MQR	MEGMEET Dex2 350MQR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	Dex2 500MQR	MEGMEET Dex2 500MQR, c/w Wire Feeder WF2-50PW; EtherCAT communication
☐	YD-350FT3	Panasonic YD-350FT3HPS, C/w Wire Feeder YWFT3HPS; EtherCAT communication
☐	YD-500FT3	Panasonic YD-500FT3HPS, C/w Wire Feeder YWFT3HPS; EtherCAT communication

Welding Torch - UK Brand Parweld，TRM

	Part No.	Description
☐	RW502X	Water Cooling: Parweld MIG 500A/ MAG 450A Duty circle 100% Welding Torch，35° Neck, Cable 3M
☐	TRM605WHD	Water Cooling: TRM MIG 500A Duty circle 100%, 22° Neck, Cable 3M (G6a，G9a，G12a，G20a)

*Different neck angle, Different neck length, Different cable length are selectable

Hardware Integration Type - Trolley or Welding Table

	Part No.	Description
☐	HW2502TE	Moveable Trolley with Magnetic base
☐	HW2503TB	Welding Table 1200x800mm, 16mm holes for clamps and fixtures
☐	HW2504MP	Mounting Post for a fixed position，Height 650mm

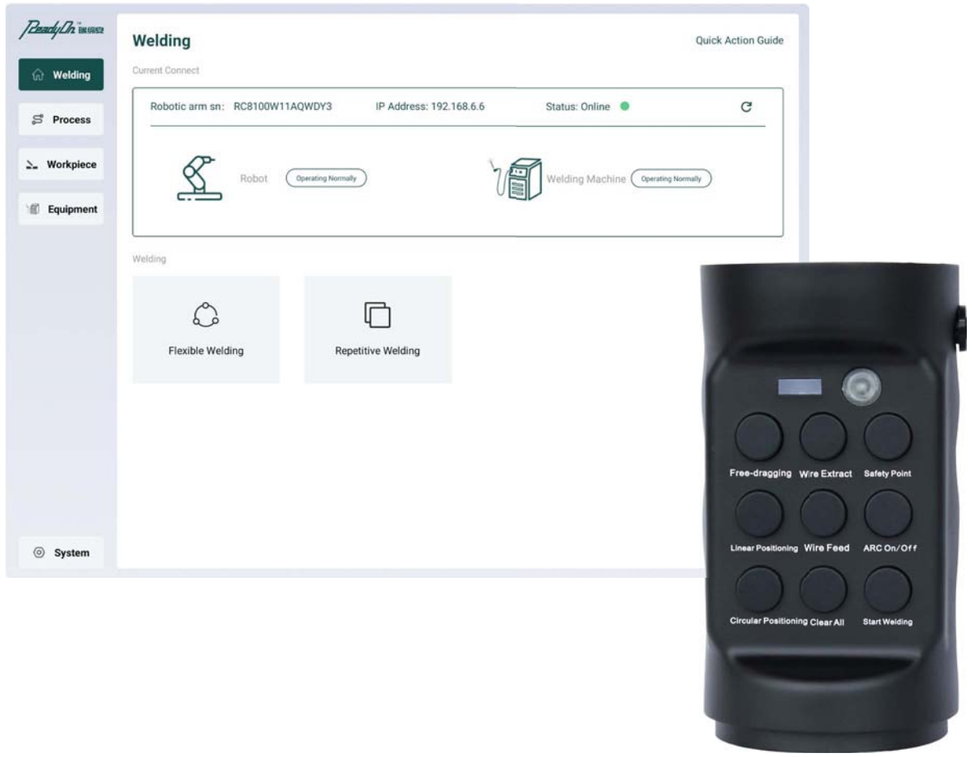
APP: Smart Welder Version1.2.3 (MIG/MAG)

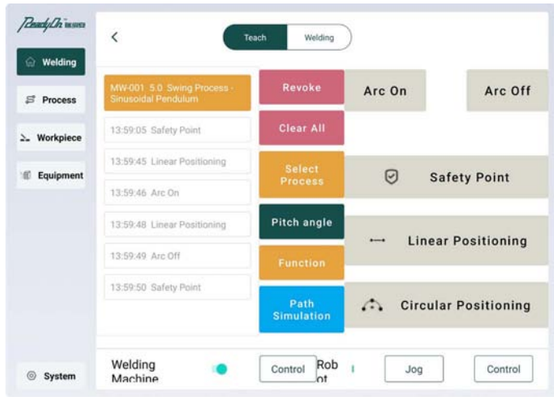
The smart welder welding software used in conjunction with the smart keypad will bring you an unprecedented and extremely simple operating experience.

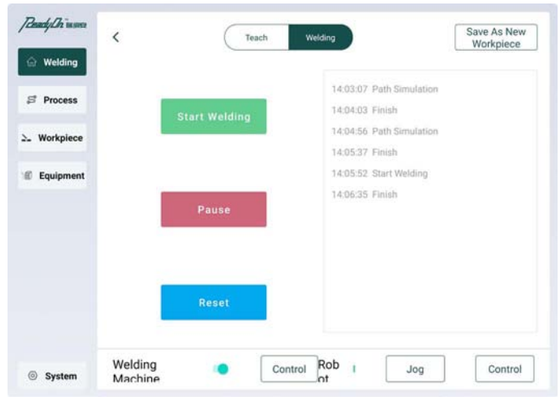
Easily plan the welding path through the smart keypad, set the welding process parameters on the software, then ready to start welding.

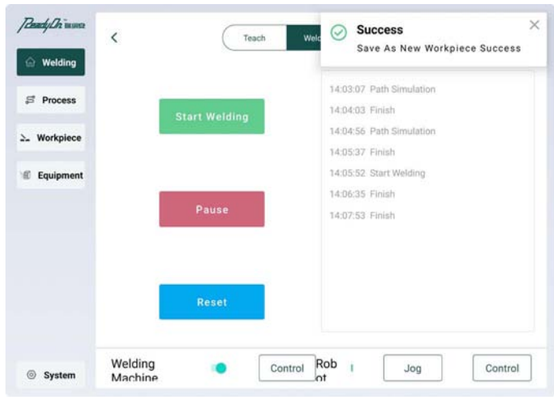
HOW EASY IT IS!

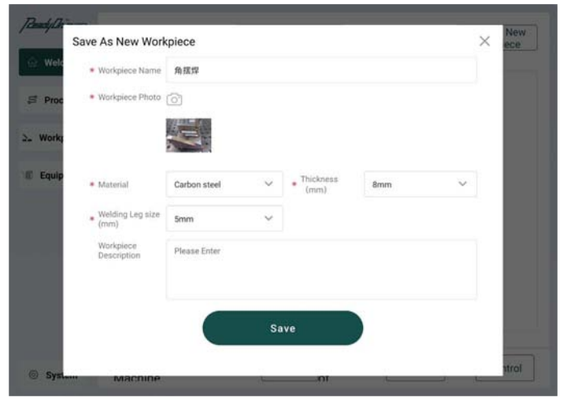
Operation Video











Features

- Templated design of welding process,with a clear interface and simple operation
- Multiple screens in one, integrated control
- Adapt to Android tablet to solve the cable constraints
- Preset more active safety protections
- Can be controlled by a teaching device or an Android tablet
- Multiple languages are available

Key Function

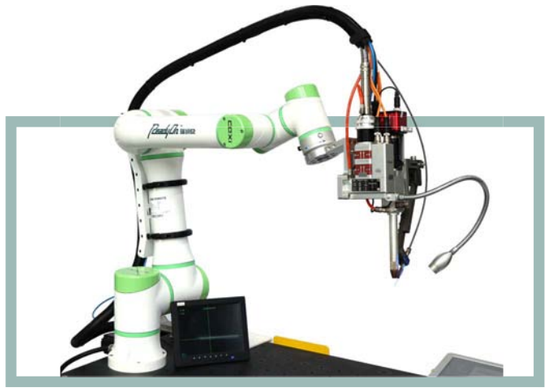
- Weaving - Circles, Zigzag, Equilateral triangle weaving pattern
- Multipass - Easily create a weld with multiple passes
- Pitch Angle - Ensure that the welding surface is smooth and consistent after multiple welds
- Touch Sense - Locate the position of your workpiece and adjust the path
- Arc Seam Tracking - Auto-adjust the path with through the arc seam tracking
- External Axis - Expand the 7th, 8th or more axis
- Profile system - Create, save the profile of operator, picture of workpiece and reuse welding parameters

R&D Direction and Upcoming Product

We always prioritize the safety and reliability of our products. During the product development process, we implement a comprehensive and rigorous testing process to ensure that each product undergoes multiple rounds of internal testing. Only when we are confident in the performance, safety, and stability of the product will we release it to the market

Laser Welding Unit





Configration

Cobot System	Cobot Arm
	Teach Pendant
Welding System	Laser Welding Head
	Laser source
	Chiller
	External Wire Feed system (Optional)
Electrical control cabinet	Cobot Controller
	Electrical components
Software	LW1.0 Welding Software
Communication	TCP/IP + I/O+AD; RS485; EtherCAT;
Others	Movable Welding platform
	Magnetic Pedestal (Optional)
Power Supply	220-240V 1PH 50/60HZ
Dimension	1000 x 700 mm
Weight	N.W.: 370KGS; G.W.: 460 KGS
Dimension	1450 x 950 x 1560 mm
Package Size	1650 x 1150 x 1860mm
Package	Plywood Case

Building a welding product ecosystem



Standardized product services

- Provide more standardized product services according to different application requirements of users



Hardware expansion

- The use of ground rails, welding positioner, welding rotator, etc. in conjunction with robots
- Compatibility development of different brands of welding machines and cobots
- Laser tracking, 3D structured light camera and other visual hardware integration applications



System extension

- Control systems, welding software, plug-ins, external axis systems, vision systems

Cobot System

- EtherCAT, Ethernet,RS485,RS232,SDK secondary development, graphical/script programming

