KeyGree









Product Model: AL-Y920-5

Performance Features

- 1. Simple operation, suitable even for non-professionals.
- 2. Achieves arc ignition for conventional welds in just 10 seconds.
- 3 . High welding quality with aesthetically pleasing seams, offering significant product advantages.
- 4. Flexible application—magnetic base allows the robotic arm to detach and move independently from the trolley.
- 5 . Ideal for large or hard-to-move workpieces; suitable for multiple categories and small-batch production.
- 6 Easy mobility and strong adaptability.
- 7、Cost-effective with a quick return on investment.

Technical Specifications

Product Model: AL-Y920-5

Robot Body

Type: 6-axis collaborative robot

Payload: 5kg

Repeat Positioning Accuracy: ±0.02mm

Maximum Working Range: 920mm

Weight: 20kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

External Wire Feeder

Welding Process Software

Fully Chinese interface Independently developed

Comprehensive welding process packages

User-friendly operation

Welding Power Supply

350A/500A

Air-cooled (standard), water-cooled (optional)

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm

Model A (Basic): Compact design, easy mobility, clear layout

Model B (Protected): Full enclosure

structure, modern appearance, all-

round protection



Performance Features

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- 2. Achieves arc ignition for conventional welds in just 10 seconds.
- 3 . High welding quality with aesthetically pleasing seams, offering significant product advantages.
- 4. Ideal for large or hard-to-move workpieces; suitable for multiple categories and small-batch production.
- 5 Easy mobility and strong adaptability.
- 6 Cost-effective with a quick return on investment.

Technical Specifications

Product Model: AL-Y1400-10

Robot Body

Type: 6-axis collaborative robot

Payload: 10kg

Repeat Positioning Accuracy: ±0.05mm

Maximum Working Range: 1400mm

Weight: 40kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

External Wire Feeder

Welding Process Software

Fully Chinese interface
Independently developed

Comprehensive welding process packages

User-friendly operation

Welding Power Supply

350A/500A

Air-cooled (standard), water-cooled

(optional)

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection

Performance Features



Product Model: AL-1500-TIG

- 1 Compact and lightweight design for enhanced portability and flexibility.
- 2. Easy to move with a streamlined appearance, capable of reaching various worksites.
- 3 Compatible welding types: straight lines, arcs, intermittent welding, and synchronized external axis coordination.
- 4. The intuitive HMI (Human-Machine Interface) provides real-time visualization of welding parameters, workpiece data, and control elements, allowing operators to easily configure welding trajectories and process profiles.
- 5 Advanced automated control system simplifies operation—initiates arc welding within 10 seconds without programming, requiring no manual intervention.
- 6. Autonomous task execution based on predefined welding paths and parameters.
- 7 、Synchronized wire feeding system Ensures stable and consistent wire delivery.
- 8 Equipped with quick-access handheld controller

Technical Specifications

Product Model: AL-1500-TIG

Robot Body

Type: 6-axis collaborative robot

Payload: 9kg

Repeat Positioning Accuracy: ±0.05mm

Maximum Working Range: 1500mm

Weight: 37kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

External Wire Feeder

Welding Power Supply

350A/500A

Air-cooled (standard), water-cooled (optional)

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection



Product Model: AL-1500-CUT

Performance Features

- 1 Compact and lightweight design for enhanced portability and flexibility.
- 2. Easy to move with a streamlined appearance, capable of reaching various worksites.
- 3. Cutting types: straight lines, arcs, and external axis matching.
- 4. The intuitive HMI (Human-Machine Interface) provides real-time visualization of welding parameters, workpiece data, and control elements, allowing operators to easily configure welding trajectories and process profiles.
- 5 . Equipped with an advanced automated control system for simple operation—enables arc ignition and cutting within 10 seconds without programming, requiring no manual intervention.
- 6. Autonomous task execution based on predefined welding paths and parameters.
- 7、Equipped with quick-access handheld controller

Technical Specifications

Product Model: AL-1500-CUT

Robot Body

Type: 6-axis collaborative robot Payload: 9kg

Repeat Positioning Accuracy: ±0.05mm Maximum Working Range: 1500mm

Weight: 37kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

Cutting Power Supply

LGK-125/160/200 Standard water-cooled

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection



Product Model: AL-1500-MIG

Performance Features

- 1. Compact and lightweight design for enhanced portability and flexibility.
- 2. Easy to move with a streamlined appearance, capable of reaching various worksites.
- 3. Compatible welding types: straight lines, arcs, intermittent welding, multi-layer/multipass welding, and synchronized external axis coordination.
- 4. The intuitive HMI (Human-Machine Interface) provides real-time visualization of welding parameters, workpiece data, and control elements, allowing operators to easily configure welding trajectories and process profiles.
- 5. Advanced automated control system simplifies operation—initiates arc welding within 10 seconds without programming, requiring no manual intervention.
- 6. Autonomous task execution based on predefined welding paths and parameters.
- 7 、 Equipped with quick-access handheld controller.
- 8. Adaptive welding posture with tilt/roll angle adjustments for optimal positioning.

Technical Specifications

Product Model: AL-1500-MIG

Robot Body

Type: 6-axis collaborative robot Payload: 9kg

Repeat Positioning Accuracy: ±0.05mm Maximum Working Range: 1500mm

Weight: 37kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

Welding Power Supply

350PLUSEA / 500PLUSEA Standard with Water Cooling

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection



Product Model: AL-1300-MIG

Performance Features

- 1. Compact and lightweight design for enhanced portability and flexibility.
- 2. Easy to move with a streamlined appearance, capable of reaching various worksites.
- 3. Compatible welding types: straight lines, arcs, intermittent welding, multi-layer/multi-pass welding, and synchronized external axis coordination.
- 4. The intuitive HMI (Human-Machine Interface) provides real-time visualization of welding parameters, workpiece data, and control elements, allowing operators to easily configure welding trajectories and process profiles.
- 5. Advanced automated control system simplifies operation—initiates arc welding within 10 seconds without programming, requiring no manual intervention.
- 6 . Autonomous task execution based on predefined welding paths and parameters.
- 7、Equipped with quick-access handheld controller.
- 8. Adaptive welding posture with tilt/roll angle adjustments for optimal positioning.

Technical Specifications

Product Model: AL-1300-MIG

Robot Body

Type: 6-axis collaborative robot Payload: 4kg

Repeat Positioning Accuracy: ±0.05mm Maximum Working Range: 1300mm

Weight: 22kg

Robot Controller

HMI System

Wired control (standard), wireless module (optional)

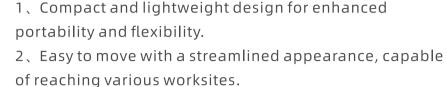
Welding Power Supply

350PLUSEA / 500PLUSEA Standard with Water Cooling

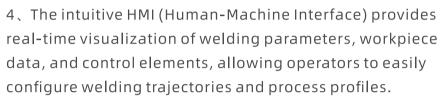
Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection

Performance Features

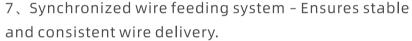




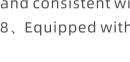


5 、Advanced automated control system enables programming-free arc ignition within 10 seconds for autonomous operation.





8 Equipped with quick-access handheld controller.



Technical Specifications

Product Model: AL-1400-LASER

Robot Body

oduct Model:AL-1400-LASE

Type: 6-axis collaborative robot
Payload: 10kg
Repeat Positioning Accuracy: ±0.05mm
Maximum Working Range: 1400mm

Robot Controller

HMI System

Weight: 37kg

Wired control (standard), wireless module (optional)

External Wire Feeder

Welding Power Supply

1500/2000/3000w Water cooling as standard, air cooling as an option

Portable Mobile Cart (Optional Accessory)

Dimensions: 1200×700×1000mm Model A (Basic): Compact design, easy mobility, clear layout Model B (Protected): Full enclosure structure, modern appearance, allround protection

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