SARA
EH Arc

The best choice for arc welding applications

Our 6-axis robots are characterized by offering great performance and precision. With a reach of 1440mm, the EH Arc robots have great flexibility, allowing the welding of many types of parts and the assembly of a wide variety of welding and cutting equipment..

ARC WELDING ROBOTS

The EH Arc series is ideal for all types of applications and welding. In addition, its hollow shaft allows you to access more difficult spaces. In addition, it minimizes wear and tear on welding wires.

For a better drag of the wire, the SARAWIR winder has four rollers for wire from 0.8 to 1.6mm. With connection and communication directly to the controller for greater efficiency.

Integrated welding wire and hose management, which eliminates interference of the robot with its surroundings and with the work equipment in the cell, which improves overall system reliability and ease of use.

EH 20 Arc **EH 18 A** **EH 15 Arc**

SARAWIR

Cable management and hoses integrated solder

Anti-collision torch

4 roll winder

Up to 10kg load

Hollow shaft

INTEGRATED APPLICATIONS
The system has a wide range of integrated applications and ready for jobs such as: loading and unloading, palletizing, welding, vision, laser cutting, component tracking in conveyors, polishing, painting and artificial vision.

FLEXIBLE SCHEDULING
In addition to conventional programming, there are also Different communications are available for control and programming, both on PC and touch screen.

Reach
1440-2000 mm

Max load
6-10 kg

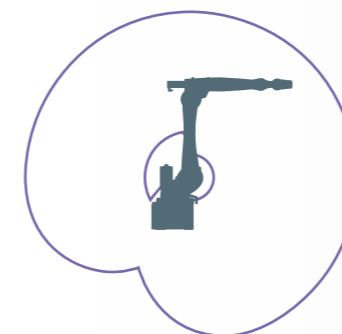| SARA EH Arc	EH 15	EH 18	EH 20
Controller	MRi-RC6	MRi-RC6	MRi-RC6
Number of axes	6	6	6
Rated payload	10kg	8 kg	6 kg
Reach	1440 mm	1840 mm	2000 mm
Weight	176 kg	180 kg	186 kg
Installation position	Floor and ceiling	=	=

SARA
M100

Fast and accurate. reach exceptionally high speeds, allowing to work even faster without any loss of precision.

Multifunction. suitable for handling large components, machining, assembly, palletizing and more.

Flexible installation. For planning security and low costs in the design of cells: the robots can be flexibly floor or ceiling mounted

Smart desing. air and end effector wire inside the arm, from axis one to six.

Easy programmation. begginer-friendly teach pendant interface and layer programming.

Reach
2732 mm

Payload
100 kg

SARA SERIES M	M100
Controller	MRi-RC8
Number of axes	6
Rated payload	100 kg
Reach	2732 mm
Pose repeatability	±0.06 mm
Weight	680 kg
Variants	–
Installation position	Floor and ceiling

This powerful multifunction robot are specialiced for handling applications: handling of large components, machining, assembling, palletizing and much more..
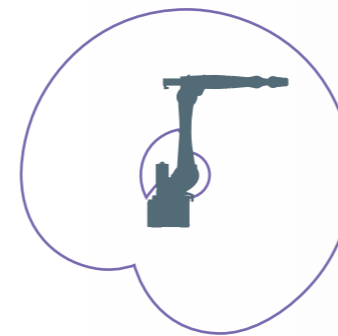
Multifunction
industrial robot

Real multi-robot
Supports one controller controlling 4 robots at the same time, each robot's parameters and programs are independent of each other, and all robots can run and stop simultaneously in run and remote mode.

Built-in universal processes
The system has a wide range of built-in universal processes for loading and unloading, palletizing, welding, seam tracking, vision, laser cutting, conveyor tracking, collision detection, dragging and teaching, and can be customised to meet customer requirements.

High precision
The NRC series control system can achieve a trajectory accuracy of ±0.4mm or less and repeatable positioning accuracy of ±0.02mm or less with the support of the robot body accuracy.

Flexible programming
In addition to conventional trainer programming, PC-based trainer software and configuration software-based touchscreen programming are also available.

SARA
M210

Fast and accurate. reach exceptionally high speeds, allowing to work even faster without any loss of precision.

Multifunction. suitable for handling large components, machining, assembly, palletizing and more.

Flexible installation. For planning security and low costs in the design of cells: the robots can be flexibly floor or ceiling mounted

Smart desing. air and end effector wire inside the arm, from axis one to six.

Easy programmation. begginer-friendly teach pendant interface and layer programming.

Reach
2700mm

Payload
210 kg

SARA SERIES M	M100
Controller	MRi-RC8
Number of axes	6
Rated payload	210 kg
Reach	2700 mm
Pose repeatability	±0.06 mm
Weight	680 kg
Variants	–
Installation position	Floor and ceiling

This powerful multifunction robot are specialiced for handling applications: handling of large components, machining, assembling, palletizing and much more..

Real multi-robot
Supports one controller controlling 4 robots at the same time, each robot's parameters and programs are independent of each other, and all robots can run and stop simultaneously in run and remote mode.

Built-in universal processes
The system has a wide range of built-in universal processes for loading and unloading, palletizing, welding, seam tracking, vision, laser cutting, conveyor tracking, collision detection, dragging and teaching, and can be customised to meet customer requirements.
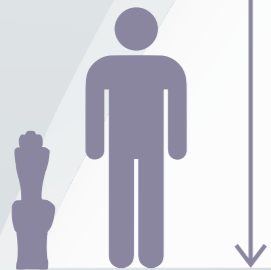
Flexible programming
In addition to conventional trainer programming, PC-based trainer software and configuration software-based touchscreen programming are also available.
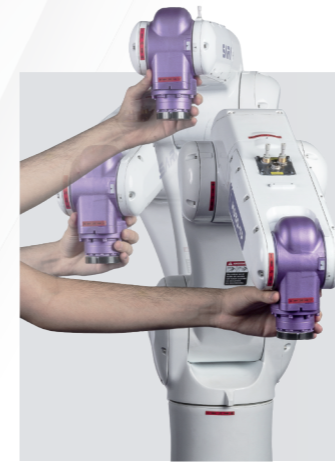
Multifunction
industrial robot

SARA
M930-TP
Multifunction industrial robot

M930-TP

LEARNING SYSTEM
Possibility to program trajectories and movement points with the drag and teach function for rapid execution of programs.
In this way we get the advantage of cobot programming but with the durability of a robot.

INTEGRATED CONNECTIONS
Simplification of the connections for the robot's work tools. Internal connection for I/O from axis 4 to the card integrated in the controller. Two internal air intakes from axis 4 to axis 1 for pneumatic connections.

FAST & COMPACT
Our compact six-axis robot that has been designed for the highest working speeds. Ergonomic robot body design with smooth lines, both the reducers and the servomotors are inside the robot for greater durability and protection against extreme environments. Reduced size of axis 5 and 6 for access to small spaces. Faster and more accurate trajectories.

MRi-RC CONTROLLER
More compact controller by reducing the number of hardware components, cables and connectors without giving up powerful embedded applications.

Reach
930 mm

Payload
6 kg

SARA SERIES M	M930
Controller	MRi-RC
Number of axes	6
Rated payload	6 kg
Reach	930 mm
Weight	60 kg
Installation position	Floor and ceiling

Real multi-robot
Supports one controller controlling 4 robots at the same time, each robot's parameters and programs are independent of each other, and all robots can run and stop simultaneously in run and remote mode.

Flexible programming
In addition to conventional trainer programming, PC-based trainer software and configuration software-based touchscreen programming are also available.