

# SARA M100



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

Multifunction industrial robot



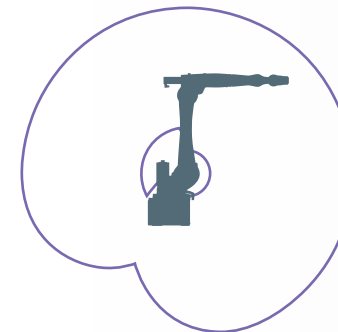
**Fast and accurate.** reach exceptionally high speeds, allowing to work even faster without any loss of precision.

**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

### 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.

