

# GP200R

## HIGH-SPEED, SHELF-MOUNTED ROBOT

### KEY BENEFITS

Shelf mounting saves floorspace, expands work envelope and improves access to parts

High payload and inertia ratings for large, heavy part processing

Engineered for easy installation, operation and maintenance

Single robot-to-controller cable connection enables fast setup

### SPECIFICATIONS

200 kg payload

3,140 mm horizontal reach

4,782 mm vertical reach

0.05 mm repeatability

### APPLICATION

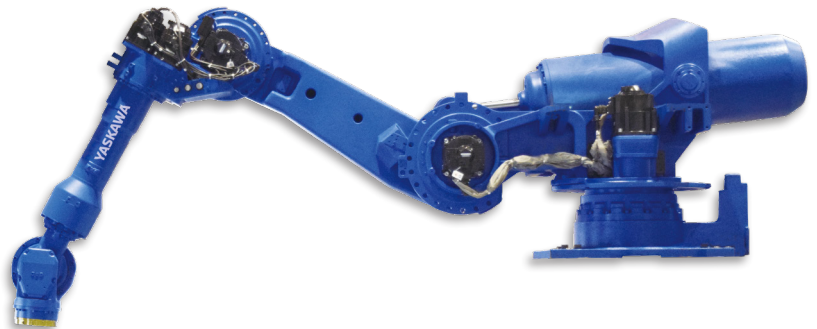
Material Handling

Machine Tending

Press Tending

### CONTROLLER

YRC1000



- Increase productivity with the powerful and efficient six-axis GP200R shelf-mounted robot.
- 200 kg payload capacity and wide working envelope provide superior performance in machine and press tending, and other heavy-payload applications.
- Exceptionally fast axis speeds and acceleration capabilities reduce cycle time and increase production output.
- Used for loading and unloading of parts, the GP200R can help to eliminate inconsistencies of a manual process for applications such as turning, milling and grinding.
- High moment and inertia ratings enable the robot to accommodate a wide range of large, heavy parts for all material types.
- Streamlined upper arm features a slim wrist profile and reduces robot width, allowing easier reach into confined spaces and improving application flexibility.
- Cables and air lines are routed through robot base to upper arm to increase cable life, enhance safety and reduce teaching time.
- Cable installation tube facilitates fieldbus routing through the S-axis.
- Single power and control cable reduces wiring time and increases work efficiency.
- Modular robot harness design for improved diagnostics and maintenance.
- Home position data can be saved without battery connection for easy maintenance.
- The GP200R has an IP67-rated wrist and an IP54 body standard. An XP (eXtra Protection) package that increases the body protection rating to IP65 is available.
- Compact YRC controller utilizes the lightweight teach pendant with intuitive programming.

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