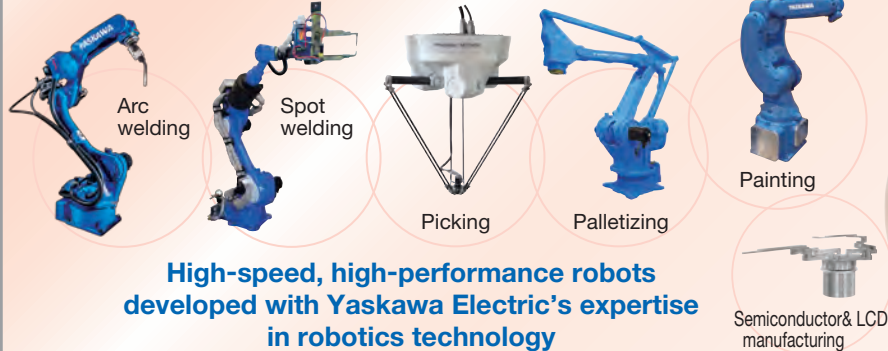


Robotics Automation

World's Bestselling MOTOMAN Robots Tailored to Your Needs

1) Serving users in a wide range of industries, from automotive manufacturing to general industries

- Application**
- Arc welding
 - Spot welding
 - Handling
 - Assembly
 - Picking & palletizing
 - Painting
 - Semiconductor and LCD manufacturing
 - Medical, nursing-care, and welfare equipment



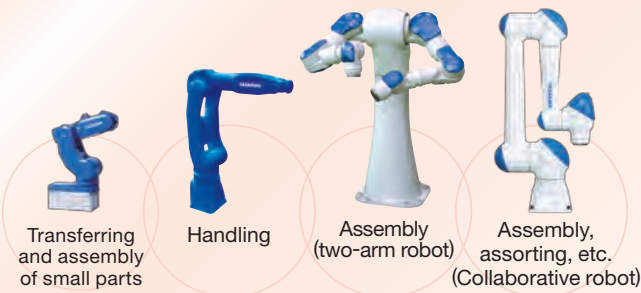
High-speed, high-performance robots developed with Yaskawa Electric's expertise in robotics technology

2) Extensive product lineup

Select robot sizes from a rich product lineup (500 g to 800 kg payload)

3) Energy saving

Reduce energy consumption by 25%* with the smaller manipulators and the servo OFF function * : When compared with the earlier controller models.



System Engineering

Increases Company Profits with Efficient Energy Use, Energy Saving, and Energy Creation

Optimal System for Diverse Application

- Application**
- Printing
 - Papermaking
 - Plastic molding
 - Fluid machinery
 - Transport & transfer



Energy Saving (AC Drive)

- Medium-voltage AC drive
- Medium-voltage matrix converter
- Super energy-saving motor (IPM)



Robotics Automation

Providing Optimal Solution to Customer

System Engineering

TOTAL SOLUTION

Motion Control

Motion Control

Provides Unsurpassed Performance and Ease-of-use

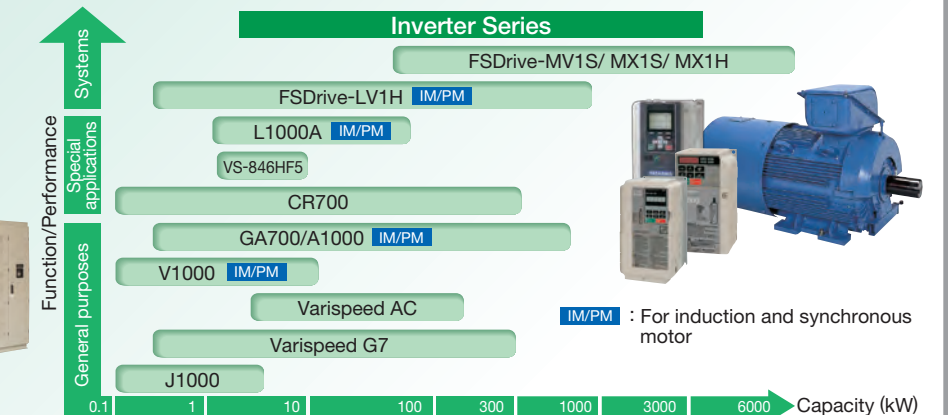
- Application**
- Electronic parts mounting
 - Semiconductor/liquid crystal manufacturing
 - Robots
 - Metal processing
 - Machine tools
 - General purpose machines

Machine Controller

Cell/Line Control	Machine Controller	
	For General Industries	For Semiconductors and Electronic Parts
Motion Control	<ul style="list-style-type: none"> · Cartesian coordinate robot · Cutter · Burring machine · Wood working machine · Painting machine 	<ul style="list-style-type: none"> · Winding machine · Printing machine · Glass cutter · Food processor · Injection molding machine
	<ul style="list-style-type: none"> · Linear interpolation · Circular interpolation · Normal line control · Constant speed control · Passing point signal output 	<ul style="list-style-type: none"> · Electronic cam · Electronic shaft · Phase control · Speed synchronization · Position/speed changeover
Machine controller that integrates motion, vision and robot function MP3200		
Multi-axis high-performance machine controller MP3100, MP3300, MP2100, MP2200, MP2300, MP2300S, MP2400		



Inverter Drive



Servo Drive

