



MATERIAL HANDLING



DIECAST MACHINE TENDING



CONVENIENT UPPER ARM WIRING

TOP REASONS TO BUY

- Versatile, high-performance robot for heavy-payload machine or press tending and other handling tasks.
- Powerful DX100 controller provides fast Ethernet communication and can deliver significant cost savings by eliminating costly PLCs or HMIs for cell control.
- Windows® CE programming pendant with full-color touch screen and USB interface



ES165D ES200D

MATERIAL HANDLING • MACHINE TENDING • PRESS TENDING

Payloads:
165 kg (ES165D)
200 kg (ES200D)

Mounting Option:
Shelf (ES165RD & ES200RD)

Fast, Flexible and Powerful

- High-speed six-axis ES165D and ES200D robots set standard for versatility in large robot market.
- Provide superior performance in machine and press tending, and other heavy-payload applications.
- 165 kg (363.8 lb) payload (ES165D) and 200 kg (441 lb) payload (ES200D) versions. Both models feature 3,372 mm (132.8") vertical reach; 2,651 mm (104.4") horizontal reach; ± 0.2 mm (± 0.008 ") repeatability.
- Fast axial speeds and acceleration reduce cycle times and increase production output.
- Large work envelope and high moment of inertia ratings.
- Compact, slim design allows robots to reduce cycle time and reach into confined spaces, improving system productivity.
- Pre-wired for servo gripper use which allows a wider range of product handling

- Standard ES165D and ES200D models are floor-mounted. Shelf-mounted versions (ES165RD and ES200RD) available.

DX100 Controller

- Patented multiple robot control supports up to 8 robots/72 axes.
- Windows® CE programming pendant with color touch screen and USB interface.
- Faster processing speeds for smoother interpolation. Quicker I/O response. Accelerated Ethernet communication.
- Extensive I/O suite includes integral PLC and touch screen HMI, 2,048 I/O and graphical ladder editor.
- Supports all major fieldbus networks, including EtherNet/IP, DeviceNet, Profibus-DP and many others.
- Compliant to ANSI/RIA R15.06-1999 and other relevant ISO and CSA safety standards. Optional Category 3 functional safety unit.
- Interface panel function allows the programming pendant to be configured as a system HMI.

