

Motoman ES280D-230



Motoman's ES280D-230 extended-reach industrial robot offers the same slim arm design and maximum motion range that is found in the ES robot series. A vertical reach of 3,372 mm and a horizontal reach of 2,651 mm, as well as a 230 kg payload capacity, allow the ES280D-230 robot to engage in material handling, machine tending, and jigless welding in a larger work envelope.

Without a counterbalance, the Motoman ES280 D-230 DX100 robot workcell can have more operations added to it. Efficiency and productivity are increased, leading to a faster ROI. For an even quicker ROI, consider a used Motoman ES280D-230. RobotWorx experts put all of their used ES280D-230 robots through a specialized reconditioning process, making their robots as good as new! Any used Motoman ES280D-230 includes the RobotWorx Value Package.

For more information about the Motoman ES280D-230,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 230 kg
H-Reach:..... 2651 mm
Repeatability: ±2 mm
Robot Mass: 1130 kg
Structure: Articulated
Mounting: Floor

Robot Motion Speed

S-Axis.....80 °/s (1.4 rad/s)
L-Axis.....70 °/s (1.22 rad/s)
U-Axis.....80 °/s (1.4 rad/s)
R-Axis.....115 °/s (2.01 rad/s)
B-Axis.....110 °/s (1.92 rad/s)
T-Axis.....190 °/s (3.32 rad/s)

Robot Motion Range

S-Axis.....±180°
L-Axis.....+76° - 60°
U-Axis.....+230° - 142.5°
R-Axis.....±360°
B-Axis.....±125°
T-Axis.....±360°

Robot Controllers

DX100 >

Robot Applications

Fiberglass Cutting >
Machine Loading >
Machine Tending >
Material Handling >

Packaging >
Spot Welding >
Welding Automation >