

Motoman UP130



The Motoman UP130 includes advanced Sigma motors, providing a powerful, slim design. The UP130 XRC robot offers a minimal footprint and superior performance in both spot welding and heavy payload handling applications. The Motoman UP130 reaches 2,650 mm (104.3in) and extends behind the body to increase the work envelop and allow tools to be placed at the back of the robot and providing easy access to weld guns for maintenance.

The Motoman UP130 XRC robot uses the Motoman's patented multiple robot controller and can have application specific software, which allows the robot to be used as a 6-axis part positioner to achieve unmatched flexibility.

For more information about the Motoman UP130,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 130 kg
H-Reach:..... 2650 mm
Repeatability: ± 0.2 mm
Robot Mass: 1300 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....130 °/s (2.27 rad/s)
L-Axis.....130 °/s (2.27 rad/s)
U-Axis.....130 °/s (2.27 rad/s)
R-Axis.....215 °/s (3.75 rad/s)
B-Axis.....180 °/s (3.14 rad/s)
T-Axis.....300 °/s (5.24 rad/s)

Robot Motion Range

S-Axis..... $\pm 180^\circ$
L-Axis..... $+76^\circ - 60^\circ$
U-Axis..... $+240^\circ - 130^\circ$
R-Axis..... $\pm 360^\circ$
B-Axis..... $\pm 130^\circ$
T-Axis..... $\pm 360^\circ$

Robot Controllers

XRC >

Robot Applications

Fiberglass Cutting >
Machine Tending >

Material Handling >
Spot Welding >