

Motoman UP6



The Motoman UP6 is a high-speed robot that is compact and requires minimal installation space. Offering superior performance for welding and non-welding applications, its thin base and arm design allows for close placement for piece holding fixtures to improve part accessibility. The UP6 XRC features collision avoidance that allows for two or three robots to work in conjunction with each other for increased productivity. The UP6 XRC offers the widest work envelope in its class with a 1,373 mm reach.

Robotic automation gives you the ability to switch between projects. Whether you're looking to add versatile robotic automation to your facility for the first time, or you're a robotic automation guru, you'll appreciate the way UP6 performs in nearly any context.

For more information about the Motoman UP6,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 6 kg
 H-Reach:..... 1373 mm
 Repeatability: ±0.08 mm
 Robot Mass: 130 kg
 Structure: Articulated
 Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)
 L-Axis.....160 °/s (2.79 rad/s)
 U-Axis.....170 °/s (2.97 rad/s)
 R-Axis.....335 °/s (5.85 rad/s)
 B-Axis.....335 °/s (5.85 rad/s)
 T-Axis.....500 °/s (8.73 rad/s)

Robot Motion Range

S-Axis.....±170°
 L-Axis.....+155° - 90°
 U-Axis.....+190° - 70°
 R-Axis.....±180°
 B-Axis.....+225° - 45°
 T-Axis.....±360°

Robot Controllers

XRC >
 NX100 >

Robot Applications

Arc Welding > Flux Cored Welding >
 Dispensing > Material Handling >
 Electron Beam >