

Motoman UP20-6



The Motoman UP20-6 XRC runs on Advanced Sigma motors for smooth, rapid motion on demand. It requires minimal installation space, while also offering advanced performance in welding, cutting, dispensing, and handling applications. Additional benefits are that the UP20-6 XRC design allows for close placement to the workpiece holding fixture for improved part accessibility. The UP20-6 is very versatile and can be positioned horizontally or vertically featuring a 1,885mm (74.2") reach and offering a payload of 6 kg.

Speed and power are also maximized through the use of advanced Sigma motors. This helps to provide dynamic acceleration and ultimately reduces the cycle time. The UP20-6 is paired with the XRC controller that allows for fast processing and user-friendly programming.

For more information about the Motoman UP20-6,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **6 kg**
H-Reach:..... **1885 mm**
Repeatability: **±0.06 mm**
Robot Mass: **285 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

S-Axis.....**165 °/s (2.88 rad/s)**
L-Axis.....**165 °/s (2.88 rad/s)**
U-Axis.....**165 °/s (2.88 rad/s)**
R-Axis.....**335 °/s (5.85 rad/s)**
B-Axis.....**335 °/s (5.85 rad/s)**
T-Axis.....**510 °/s (8.9 rad/s)**

Robot Motion Range

S-Axis.....**±180°**
L-Axis.....**+155° - 110°**
U-Axis.....**+255° - 160°**
R-Axis.....**±190°**
B-Axis.....**±140°**
T-Axis.....**±360°**

Robot Controllers

XRC >

Robot Applications

Arc Welding >

Dispensing >

Electron Beam >

Flux Cored Welding >

Laser Welding >

Material Handling >