

## Motoman UP20M



The Motoman UP20M XRC is a dynamic, flexible automation robot that offers quality arc welding, coating, dispensing, and material cutting applications. With a slim base, waist and arm design, the UP20M allows for close placement to workpiece holding fixtures thus improving part accessibility.

Depending on cell layout, the UP20M XRC extended reach can replace either two standard reach robots or one robot on a linear track. Reduced cost, simplified programming and maximum reliability make the Motoman UP20M a workhorse on the factory floor.

For more information about the Motoman UP20M,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
 Payload:..... 20 kg  
 H-Reach:..... 3106 mm  
 Repeatability: ±0.15 mm  
 Robot Mass: 495 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor, Inverted, Angle

#### Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)  
 L-Axis.....170 °/s (2.97 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.....510 °/s (8.9 rad/s)

#### Robot Motion Range

S-Axis.....±180°  
 L-Axis.....+135° - 90°  
 U-Axis.....+251° - 160°  
 R-Axis.....±190°  
 B-Axis.....±140°  
 T-Axis.....±360°

#### Robot Controllers

XRC >

#### Robot Applications

Arc Welding >

Dispensing >

Electron Beam >

Fiberglass Cutting >

Material Handling >