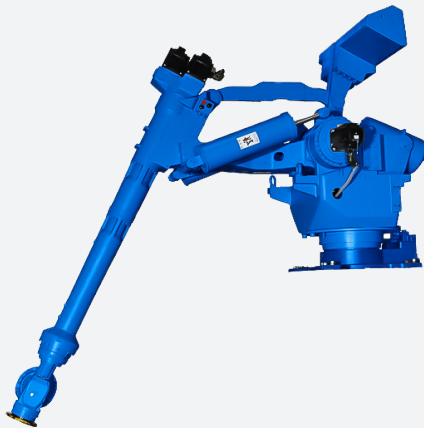


## Motoman UP400RN



The Motoman UP400RN is a shelf-mount robot with a lot of power. Capable of handling a 400 kg payload, the UP400RN material handling model can take on even the toughest challenge. The Motoman UP400RN features a wide work envelope that provides multitasking and larger part handling capabilities. All air and I/O signal lines are run through the arm, allowing the robot to move with greater speed and safety.

The Motoman UP400RN is controlled by an NX100 which lends even more usability and power. The NX100's immense memory can store multiple steps and programs.

For more information about the Motoman UP400RN,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 6  
Payload:..... 400 kg  
H-Reach:..... 3518 mm  
Repeatability:  $\pm 0.5$  mm  
Robot Mass: 3600 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis..... 80 °/s (1.4 rad/s)  
L-Axis..... 80 °/s (1.4 rad/s)  
U-Axis..... 80 °/s (1.4 rad/s)  
R-Axis..... 80 °/s (1.4 rad/s)  
B-Axis..... 80 °/s (1.4 rad/s)  
T-Axis..... 160 °/s (2.79 rad/s)

#### Robot Motion Range

S-Axis.....  $\pm 150^\circ$   
L-Axis.....  $+20^\circ - 122^\circ$   
U-Axis.....  $+120^\circ - 9^\circ$   
R-Axis.....  $\pm 360^\circ$   
B-Axis.....  $\pm 120^\circ$   
T-Axis.....  $\pm 360^\circ$

#### Robot Controllers

DX100 >  
NX100 >

#### Robot Applications

Fiberglass Cutting >  
Material Handling >