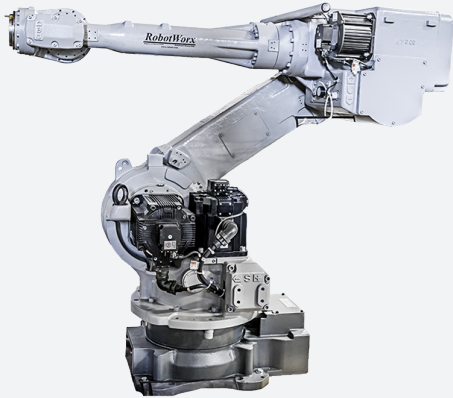


## Motoman SP80



Designed specifically for palletizing applications, the 5-axis Motoman SP80 is a high speed solution with an 80 kg payload. The SP80 XRC has a wide, 360 degree work envelope that can service multiple infeed conveyors and a single pallet loading station. Requiring minimal space, the Motoman SP-80 is ideal as an end of line palletizing solution.

The five-axis design of the new and used Motoman SP80 XRC does not use parallel links for the lower or upper arm, which eliminates interference zones within the work envelope. Its fast axial speeds reduce cycle time and increase production output. Other features include advanced Sigma motors and internally routed air and I/O signal lines. PC based, off-line programming software is available as an option to simplify programming of palletizing applications.

**For more information about the Motoman SP80,  
contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... 5  
 Payload:..... 80 kg  
 H-Reach:..... 2046 mm  
 Repeatability: ±0.07 mm  
 Robot Mass: 550 kg  
 Structure: ..... Articulated  
 Mounting: ..... Floor

#### 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)  
 B-Axis.....250 °/s (4.36 rad/s)  
 T-Axis.....350 °/s (6.11 rad/s)

#### Robot Motion Range

S-Axis.....±180°  
 L-Axis.....+135° - 90°  
 U-Axis.....+35° - 160°  
 B-Axis.....±15°  
 T-Axis.....±350°

#### Robot Controllers

XRC >

#### Robot Applications

Material Handling >  
 Palletizing >

Pick and Place >