

## Motoman SP400



The Motoman SP400 is unmatched in palletizing performance. With a maximum stacking height of 2616 mm and the largest working envelope in its class, the SP400 XRC robot arm can handle loads up to 400kg and move hundreds of pieces an hour.

The speed at which the SP400 moves is not only an asset to a manufacturer's production, but it is also an advantage for the human workers who previously worked in those palletizing positions. These robots save workers from strain and injury due to repetitive lifting of heavy objects for palletizing. This means more uptime for production and a raise in shop morale for the workers.

For more information about the Motoman SP400,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... **4**  
Payload:..... **400 kg**  
H-Reach:..... **3291 mm**  
Repeatability: **±0.5 mm**  
Robot Mass: **2450 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor**

#### Robot Motion Speed

S-Axis.....**80 °/s (1.4 rad/s)**  
L-Axis.....**85 °/s (1.48 rad/s)**  
U-Axis.....**85 °/s (1.48 rad/s)**  
T-Axis.....**195 °/s (3.4 rad/s)**

#### Robot Motion Range

S-Axis.....**±180°**  
L-Axis.....**+90° - 45°**  
U-Axis.....**+10° - 90°**  
T-Axis.....**±360°**

#### Robot Controllers

XRC >

#### Robot Applications

Material Handling >  
Packaging >

Palletizing >