

## Motoman EPL160



Designed specifically for palletizing applications, the four-axis Motoman EPL160 "Expert Palletizing" robot is a high-yield manipulator that features internally routed air and I/O signal lines.

The new and used EPL160 NX100 can service multiple infeed conveyors and/or pallet stations. Fast axial speeds reduce cycle times and increase production output. PC-based, off-line programming software is available as an option for the Motoman EPL160 to simplify programming of palletizing applications.

For more information about the Motoman EPL160,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... 4  
Payload:..... 160 kg  
H-Reach:..... 3159 mm  
Repeatability:  $\pm 0.5$  mm  
Robot Mass: 1700 kg  
Structure: ..... Articulated  
Mounting: ..... Floor

#### Robot Motion Speed

S-Axis.....140 °/s (2.44 rad/s)  
L-Axis.....136 °/s (2.37 rad/s)  
U-Axis.....136 °/s (2.37 rad/s)  
T-Axis.....305 °/s (5.32 rad/s)

#### Robot Motion Range

S-Axis..... $\pm 180^\circ$   
L-Axis..... $+90^\circ - 45^\circ$   
U-Axis..... $+15.5^\circ - 120^\circ$   
T-Axis..... $\pm 360^\circ$

#### Robot Controllers

NX100 >

#### Robot Applications

3D Laser Vision >

Material Handling >

Palletizing >

Vision >