

Motoman EPL80



The 5-axis Motoman EPL80 is a high-speed robot designed specifically for palletizing applications. The EPL80 NX100 has a wide, 360 degree work envelope that can service multiple infeed conveyors and a single pallet loading station.

The economical new and used EPL80 provides the advantages of high-speed, high-performance palletizing, combined with a slim wrist and compact design. It is ideal as an end-of-line palletizing solution that requires minimal space. The Motoman EPL80 NX100 is a dedicated palletizing robot with a wide working envelope. The 5-axis design 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.

For more information about the Motoman EPL80,
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.....±360°

Robot Controllers

NX100 >

Robot Applications

Material Handling >
Palletizing >

Pick and Place >