

Motoman EPX2700



The ability to be mounted on the floors, wall, or ceiling allows Motoman's EPX2700 robot to work effectively in the automotive industry painting and coating materials. A vertical reach of 5,147 mm and a horizontal reach of 2,700 mm provide a large work envelope ideally suited for the automotive industry and painting applications. Repeatability of 0.15 mm is maintained even for far away parts, ensuring that the correct part is painted.

The Motoman EPX2700 NX100 robot features a hollow wrist with an inside diameter of 70 mm made for painting interior and exterior parts, as well as other contoured materials. This robot can be used in hazardous environments, as it has been Class 1, Division 1 approved by Factory Mutual. The EPX2700 NX100 robot also features a 15 kg payload capacity, perfect for painting and coating applications.

For more information about the Motoman EPX2700,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **15 kg**
H-Reach:..... **2700 mm**
Repeatability: **±15 mm**
Robot Mass: **590 kg**
Structure: **Articulated**
Mounting: **Floor, Inverted, Angle**

Robot Motion Speed

Robot Motion Range

S-Axis.....**+125° - 25°**
L-Axis.....**+140° - 65°**
U-Axis.....**+90° - 65°**
R-Axis.....**±720°**
B-Axis.....**±720°**
T-Axis.....**±720°**

Robot Controllers

NX100 >

Robot Applications

Coating >
Painting Automation >