

## Motoman EPX2900



The Motoman EPX2900 completes painting applications with a smooth and consistent finish. Offering a large work envelope the versatile EPX2900 NX100 is ideal for use in automotive factories, painting agricultural equipment and other machinery and large parts.

Both the new and used EPX2900 NX100 has a hollow wrist and is Class 1 approved for use in hazardous environments. The long 2900 mm reach is not restricted by hose interference, improving cycle time and access. This robot is available as a floor-mounted model and features the latest Motoman painting controller. The NX100-FM is Factory Mutual approved for use in hazardous environments. It allows for coordination between the robot arm and painting devices, such as a spray gun.

For more information about the Motoman EPX2900,  
contact a Robotworx representative today at 740-251-4312.

### Robot Information

#### Robot Specifications

Axes:..... **6**  
Payload:..... **20 kg**  
H-Reach:..... **2900 mm**  
Repeatability: **±0.5 mm**  
Robot Mass: **1030 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor**

#### Robot Motion Speed

S-Axis.....**155 °/s (2.71 rad/s)**  
L-Axis.....**125 °/s (2.18 rad/s)**  
U-Axis.....**155 °/s (2.71 rad/s)**  
R-Axis.....**450 °/s (7.85 rad/s)**  
B-Axis.....**550 °/s (9.6 rad/s)**  
T-Axis.....**650 °/s (11.34 rad/s)**

#### Robot Motion Range

S-Axis.....**±150°**  
L-Axis.....**+110° - 50°**  
U-Axis.....**+90° - 70°**  
R-Axis.....**±360°**  
B-Axis.....**±360°**  
T-Axis.....**±360°**

#### Robot Controllers

**NX100** >

#### Robot Applications

**Dispensing** >

**Machine Tending** >

**Material Handling** >

**Painting Automation** >