

## Motoman PX2850



The Motoman PX2850 robot is available with either a three-roll or hollow style wrist, providing versatility and superior performance in standard industrial and automotive painting applications. The three-roll wrist design is ideal for painting contoured parts such as car bodies and interior/exterior surfaces.

The PX2850 robot is Factory Mutual (FM) approved for Class 1, Division 1 use in hazardous environments. Optional devices such as 24-color CCU, FGP, washing unit valve and master valve can be mounted on the upper arm resulting in reduced tact time and wasted paint. Two types of programming pendants are available - the standard model for use in non-explosive painting applications and an intrinsically-safe version for use in hazardous conditions. The PX2850 can use either the DX100 or XRC robot controller.

**For more information about the Motoman PX2850,  
contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... **6**  
 Payload:..... **10 kg**  
 H-Reach:..... **2829 mm**  
 Repeatability: **±0.5 mm**  
 Robot Mass: **570 kg**  
 Structure: ..... **Articulated**  
 Mounting: ..... **Floor**

#### Robot Motion Speed

#### Robot Motion Range

S-Axis.....**±150°**  
 L-Axis.....**+90° - 40°**  
 U-Axis.....**+10° - 168°**  
 R-Axis.....**±260°**  
 B-Axis.....**±140°**  
 T-Axis.....**±260°**

#### Robot Controllers

**DX100** >  
**XRC** >

#### Robot Applications

**Bonding / Sealing** >      **Painting Automation** >  
**Coating** >