

## Motoman PX1850



The high-speed Motoman PX1850 robot is available with either a three-roll or Lemma-style wrist, providing versatility and a smooth, superior performance in standard industrial and automotive coating applications. The three-roll wrist design is ideal for painting contoured parts such as car bodies and interior/exterior surfaces. The Lemma wrist is well-suited for painting horizontal and vertical planes.

The PX1850 XRC robot is Factory Mutual (FM) approved for Class 1, Div. 1 use in hazardous environments. The compact design of the highly flexible, six-axis PX1850 XRC robot makes it easy to mount on the floor, wall or ceiling. The PX1850 is also available in a floor mounted configuration. 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.

**For more information about the Motoman PX1850,  
contact a Robotworx representative today at 740-251-4312.**

### Robot Information

#### Robot Specifications

Axes:..... **6**  
Payload:..... **10 kg**  
H-Reach:..... **1835 mm**  
Repeatability: **±0.5 mm**  
Robot Mass: **360 kg**  
Structure: ..... **Articulated**  
Mounting: ..... **Floor, Inverted, Angle**

#### Robot Motion Speed

#### Robot Motion Range

S-Axis.....**±90°**  
L-Axis.....**±100°**  
U-Axis.....**+5° - 163°**  
R-Axis.....**±260°**  
B-Axis.....**±140°**  
T-Axis.....**±260°**

#### Robot Controllers

XRC >

#### Robot Applications

Bonding / Sealing >  
Coating >

Painting Automation >