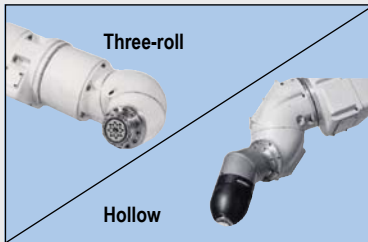
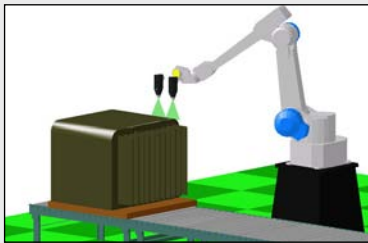




PAINTING OF INDUSTRIAL COMPONENTS



WRIST OPTIONS



MOTOSIM® EG OFF-LINE PROGRAMMING

FEATURES & OPTIONS

- 2,829 mm reach with 3-roll wrist
- 2,834 mm reach with hollow wrist
- ± 0.5 mm (± 0.02 ") repeatability
- Floor mount
- 3-roll or hollow style wrist available
- FM rating: Class 1, Div. 1 (explosion-proof)
- MotoSim® EG simulation software (optional)
- MotoMax® III warranty (standard)



Motoman Robotics' PX2850 robot provides superior performance on large products

COATING • DISPENSING

PX2850

Three-roll or hollow wrist

Versatile Paint Robot

The high-speed 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 hollow wrist is well-suited for painting horizontal and vertical planes.

The PX2850 robot is Factory Mutual (FM) approved for Class 1, Div. 1 use in hazardous environments. Both the three-roll and hollow wrist configurations feature a 10 kg (22.1 lb) payload capacity and a ± 0.5 mm (± 0.02 ") repeatability. The three-roll wrist has a 2,829 mm (111.4") reach while the hollow wrist has a 2,834 mm (111.6") reach. The PX2850 is available in a floor mounted configuration.

Optional devices such as 24-color change valve (CCV), flushable gear pump (FGP), flushing unit valve and master valve can be mounted on the upper arm resulting in reduced cycle time and wasted paint.

Advanced XRC 2001-FM Controller

The advanced XRC 2001-FM controller features fast processing, easy-to-use INFORM II programming, and includes application-specific software for coating.

Two types of programming pendants are available – the standard model for use in non-explosive painting applications and as an option, an intrinsically-safe version for use in hazardous conditions.

The XRC 2001-FM coordinates operation of robot and painting devices, including the gun. It supports gun control instructions such as spray start/stop and painting conditions. All painting position parameters can be filed and saved.

The XRC 2001-FM supports standard networks (such as DeviceNet, ControlNet, Profibus-DP, and Interbus-S), enabling connection to paint machine controllers and line controllers.

