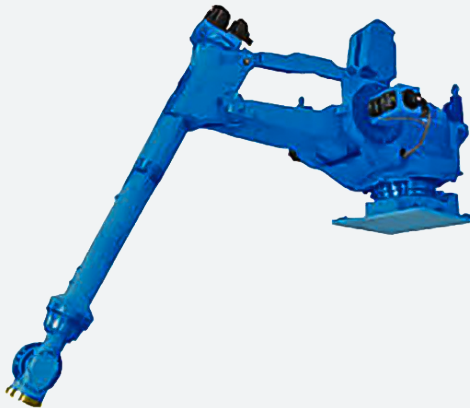


Motoman EP4000D



The six-axis, Motoman EP4000D is designed for press room use as it is an "Expert Press" robot that has high vibration ratings. It is shelf-mounted and features a 200 kg payload, 3,505 mm horizontal reach, and a 2,629 mm vertical reach. This extended reach enables these robot to conduct presses with press pitches of up to 9 m. The EP4000D is a slender robot that allows it to fit and work into tight spaces, while also saving valuable floor space. It features cast iron castings and can reach 12 strokes per minute with a press pitch of 6.5 m.

If needed, there are additional options available such as the Parallel Link Tool (PLT) that extends the robot's reach by 1,650 mm. while also reducing interference between robot arm and the die. The PLT also allows the dies to be loaded at the same time, otherwise they need to be rotated 180 degrees.

**For more information about the Motoman EP4000D,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **200 kg**
H-Reach:..... **3505 mm**
Repeatability: **±0.5 mm**
Robot Mass: **3100 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**90 °/s (1.57 rad/s)**
L-Axis.....**90 °/s (1.57 rad/s)**
U-Axis.....**90 °/s (1.57 rad/s)**
R-Axis.....**80 °/s (1.4 rad/s)**
B-Axis.....**80 °/s (1.4 rad/s)**
T-Axis.....**160 °/s (2.79 rad/s)**

Robot Motion Range

S-Axis.....**±150°**
L-Axis.....**+25° - 122°**
U-Axis.....**+53° - 70°**
R-Axis.....**±360°**
B-Axis.....**±120°**
T-Axis.....**±360°**

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