

Motoman EPH4000D



The Motoman EPH4000D 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 EPH4000D is a slender robot that allows it to fit and work into tight spaces, while also saving valuable floor space. It features aluminium castings to reduce inertia and can reach 12 strokes per minute with a press pitch of 6.5 m. To minimize the heat generated during high duty cycle press tending, the EPH4000D has fans on more axes.

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. It is paired with the DX100 controller that has the multiple robot control which can support up to 8 robots/72 axes.

**For more information about the Motoman EPH4000D,
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: 3050 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°

Robot Controllers

DX100 >

Robot Applications

Press Tending >