

Motoman MH400 II



The versatile MH400 II is a high performance robot specifically used for heavy duty jobs as it can handle a payload up to 400 kg and multiple materials including ceramics, composites, metals, and polymers. The six-axis MH400 II has full capability with parallel link construction which boasts strength, rigidity, and stabilization for any loads bearing high moment or inertia.

The design of the MH400 II is also streamlined, which improves overall productivity as it can reach into confined spaces. Automating with the MH400 II can help rid any inconsistencies that may have previously existed with manual operations with applications such as turning, milling, and grinding. Other bonuses include a 70% less power consumption during motion and 25% savings during idle periods. In addition, the safety features are enhanced as it has control reliable software for guarding.

For more information about the Motoman MH400 II, contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
 Payload:..... 400 kg
 H-Reach:..... 2942 mm
 Repeatability:±0.3 mm
 Robot Mass: 2700 kg
 Structure: Articulated
 Mounting: Floor

Robot Motion Speed

S-Axis.....102 °/s (1.78 rad/s)
 L-Axis.....97 °/s (1.69 rad/s)
 U-Axis.....97 °/s (1.69 rad/s)
 R-Axis.....80 °/s (1.4 rad/s)
 B-Axis.....80 °/s (1.4 rad/s)
 T-Axis.....172 °/s (3 rad/s)

Robot Motion Range

S-Axis.....±180°
 L-Axis.....+61° - 55°
 U-Axis.....+18° - 113°
 R-Axis.....±360°
 B-Axis.....±115°
 T-Axis.....±360°

Robot Controllers

DX200 >

Robot Applications

Machine Tending >
 Material Handling >

Press Tending >