

Motoman EPH130RLD



The high-speed EPH130RLD offers a 3,474 mm horizontal reach; 4,151 mm vertical; and ± 0.3 mm repeatability. These specs allow improved clearance for die changes and give enough spacing (from 4-7 m) when used for press tending. In addition, there is a high vibration rating making it ideal for the press room.

The design of the EPH130RLD is that it is energy efficient with a 25% reduction of power consumption. For high duty cycle applications, the EPH130RLD has higher-performance drive systems on the S-, L-, and U-axes. Also, the multiple robot control simplifies programming as it can coordinate with up to 8 robots/72 axes. The DX100 programming pendant is small and lightweight. To further increase needed flexibility, the EPH130RLD can be used in a dual-robot, two-controller configuration with other DX100 controlled robots.

**For more information about the Motoman EPH130RLD,
contact a Robotworx representative today at 740-251-4312.**

Robot Information

Robot Specifications

Axes:..... **6**
Payload:..... **130 kg**
H-Reach:..... **3474 mm**
Repeatability: **± 0.3 mm**
Robot Mass: **1445 kg**
Structure: **Articulated**
Mounting: **Floor**

Robot Motion Speed

S-Axis.....**110 °/s (1.92 rad/s)**
L-Axis.....**110 °/s (1.92 rad/s)**
U-Axis.....**110 °/s (1.92 rad/s)**
R-Axis.....**215 °/s (3.75 rad/s)**
B-Axis.....**180 °/s (3.14 rad/s)**
T-Axis.....**300 °/s (5.24 rad/s)**

Robot Motion Range

S-Axis..... **$\pm 180^\circ$**
L-Axis..... **$+70^\circ - 130^\circ$**
U-Axis..... **$+95^\circ - 70^\circ$**
R-Axis..... **$\pm 360^\circ$**
B-Axis..... **$\pm 130^\circ$**
T-Axis..... **$\pm 360^\circ$**

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