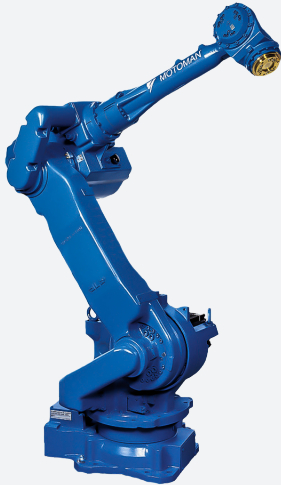


Motoman UP50N



The Motoman UP50N features the revolutionary NX100 controller which offers the ability to control up to four robots with one pendant. This version of the UP50 offers versatility in applications - it can perform dispensing, machine tending, and material handling applications. The versatility of the UP50N, along with its speed and accuracy, will bring faster cycle times and higher productivity to your facility. By improving your cycle times, you will get orders finished in a shorter amount of time, which can give you the ability to handle more orders and expand your business.

For more information about the Motoman UP50N,
contact a Robotworx representative today at 740-251-4312.

Robot Information

Robot Specifications

Axes:..... 6
Payload:..... 50 kg
H-Reach:..... 2046 mm
Repeatability: ± 0.07 mm
Robot Mass: 550 kg
Structure: Articulated
Mounting: Floor, Inverted, Angle

Robot Motion Speed

S-Axis.....170 °/s (2.97 rad/s)
L-Axis.....170 °/s (2.97 rad/s)
U-Axis.....175 °/s (3.05 rad/s)
R-Axis.....250 °/s (4.36 rad/s)
B-Axis.....250 °/s (4.36 rad/s)
T-Axis.....350 °/s (6.11 rad/s)

Robot Motion Range

S-Axis..... $\pm 180^\circ$
L-Axis..... $+135^\circ - 90^\circ$
U-Axis..... $+280^\circ - 160^\circ$
R-Axis..... $\pm 360^\circ$
B-Axis..... $\pm 125^\circ$
T-Axis..... $\pm 360^\circ$

Robot Controllers

NX100 >

Robot Applications

Fiberglass Cutting >
Machine Tending >

Material Handling >
Plasma Cutting >