



# ROBOT TRANSFER UNIT



## Features

- Reliable 7th axis motion for articulated robots based
- Positional repeatability  $\pm 0.5\text{mm}$  (0.02 inches)
- Speeds up to 5 m/s
- Positional repeatability  $\pm 0.5\text{mm}$  (0.02 inches)
- Rapid movement for sensitive loads such as six axis robotic units
- Extruded aluminum actuator body with T-slots for ease of mounting
- Easy to adjust belt tensioner
- Zero backlash belt to pulley design
- Corrosion resistant components

## Specifications

Motion	<b>Horizontal</b>
Maximum Speed (m/s)	<b>5</b>
Load (lbs [kg])	<b>110 [50]</b>
Repeatability (mm)	<b><math>\pm 0.5</math></b>
Max Moment Load (in-lbs [N-m])	<b>131 [15]</b>
Positional Accuracy (mm/m)	
Maximum Acceleration (g's)	<b>1</b>
Beam dimensions (mm)	<b>80x160</b>
Belt Width (mm)	<b>50</b>
Maximum Travel (mm [in])	
Travel Increments (mm [in])	<b>250 [10]</b>

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### **Macron Solutions Since 1987**

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### **Macron Guarantee**

All Macron actuators and belt drives are covered by our

1-Year Warranty