

Throughout our company's history, the driving force behind Motion Index Drives Inc. has been creating innovative solutions to develop the best indexing devices on the market to make automation more simple and efficient.

Motion Index Drives' Robot Transfer Unit offers the highest precision guard rails, rack and pinion system and closed loop motor control system so you can manufacture the best product possible.

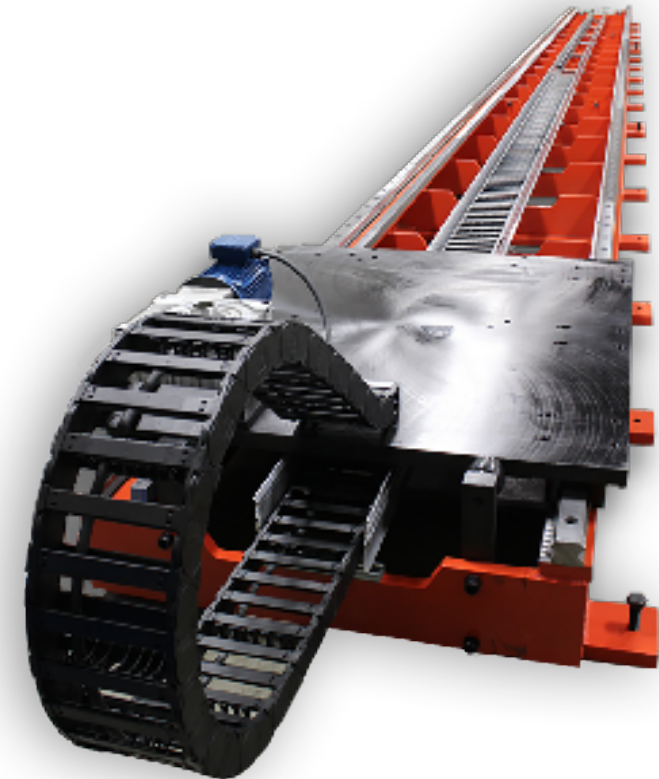


LAZER X RC
BY MOTION INDEX DRIVES

Robot Transfer Unit / 7th Axis Slide



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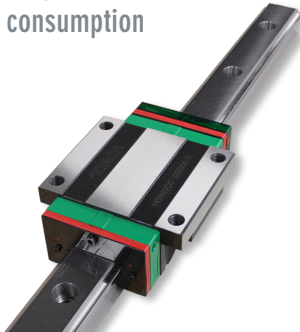


Capabilities

- 1.5 meters per second
- Standard accuracy - DIN 6 on gear rack $\pm 0.0003''/ft$
- Rack is hardened and ground
- Transfer unit is fabricated and machine welded steel construction
- Transfer carriage manufactured to mount customer robot
- Equipped ready to accept any robot brand servo motor

Designed to Meet Customer Specifications Efficiently as Possible

- By utilizing a direct drive gear reducer and gear rack, we achieve higher accuracy and better performance with less components.
- The robust tubular steel construction is designed for easy maintenance, accessibility and ability to add on length at a future date
- Oversized linear bearings guideways enable it to handle more mass as the integrated internal cable carrier reduce floor space consumption



Includes

- High Precision linear rails/guideways with blocks
- Cable management and cable management tray (to be mounted externally or internally by Motion)
- Hard stops on each end of transfer for overtravel
- Leveling bolts, weld brackets and leveling plates
- Special coating to reduce friction and eliminate external lubing
- Installation support by Motion Index Drives at customer facility & if required at the customer site during install



Custom Features

- Length
- Multiple Robot Carriages
- Motor Brands
- Cable Tray Location
- Color
- Low Profile

