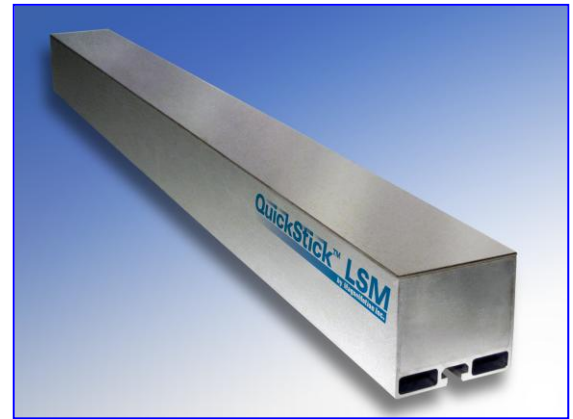


Transport and Positioning Solution

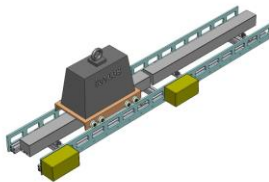
Modular linear motors for applications where high throughput, speed, control, or positioning accuracy are critical

Common Features of the QuickStick LSM Family:

- Higher throughput due to greater speed, acceleration/deceleration
- Less maintenance than belt conveyors (no power transmission parts)
- Passive vehicles: no batteries, wires or power transfer required
- Bi-directional travel
- No 'hard-stops' required for many operations
- Curves, merge/diverge and rotary corners available with standard LSMs
- Precise position-sensing technology enables collision-free vehicle transfer
- Software-configured move profiles for fast and easy change-overs
- Continuous feedback of vehicle position: Ethernet IP
- Applicable for both clean and dirty environments
- Energy efficient
- Propulsion for horizontal or vertical movement; overhead, upright or inverted systems
- Independently controlled vehicles

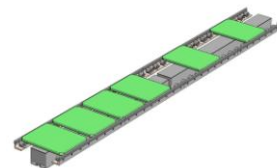


QuickStick[®] LSM Product Differentiators:



QuickStick 500HT

- High thrust for larger payloads and speeds
- Payload: Up to 10,000 pounds*
- Up to two vehicles per meter
- Magnet array length starts at 200 mm
- Speeds up to 4 m/s (787 feet/minute)
- Acceleration up to 2 G**
- Embedded position sensing components; Separate drive and controller
- Repeatability at any location: ± 1 mm
- 1 meter and 0.5 meter models available
- Ideal for heavy payloads and high-speed applications



QuickStick 100

- High throughput for smaller loads
 - Payload: Up to 100 pounds*
 - Up to five vehicles per meter
 - Magnet array length starts at 150 mm
 - Speeds up to 2.5 m/s (490 feet/minute)
 - Acceleration beyond 1 G**
 - Embedded drive, controller, position-sensing components
 - Repeatability as fine as: ± 0.5 mm***
 - 1 meter and 0.5 meter models available
- Ideal for smaller payloads, and high throughput applications.

*Determined by magnet array length and support structure. **Payload dependent. ***Repeatability to ± 0.05 mm possible with use of offset table

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