



SuperTrak[™]
MICRO

Smart Conveyance

RE-IMAGINED



SuperTrak[™]
MICRO

EP1035861, EP1270311, USRE39747 and other patents pending

SIMULATE / DESIGN / BUILD / PERFORM

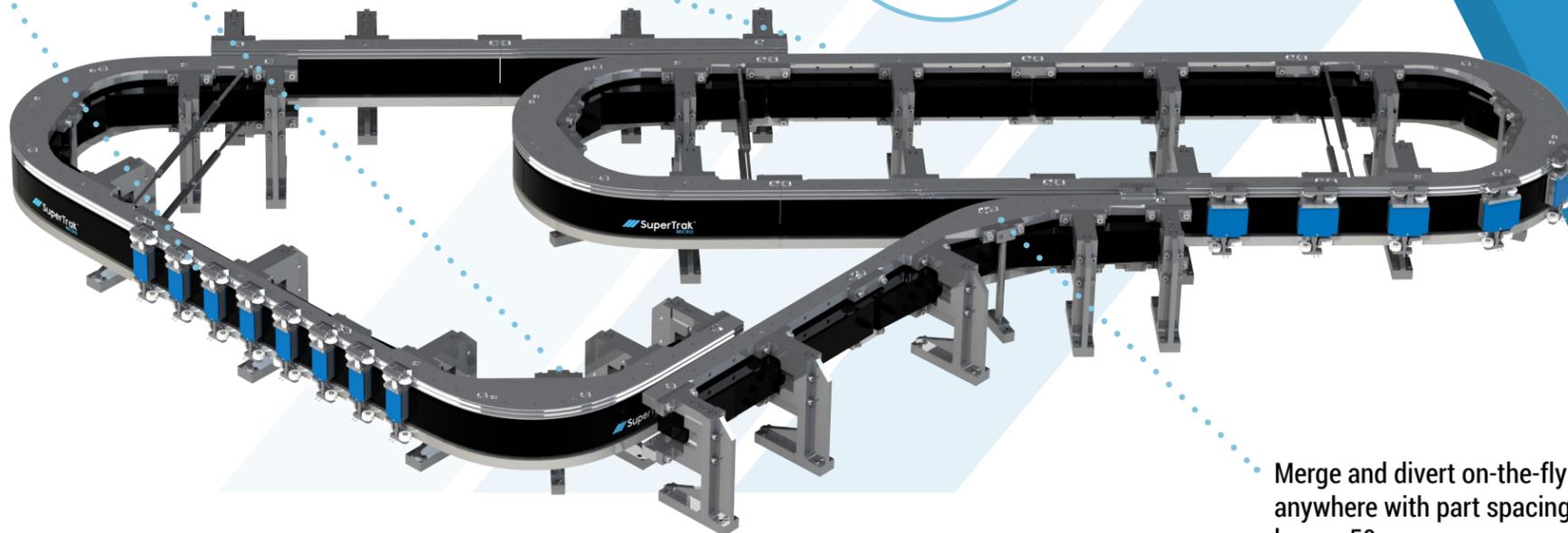
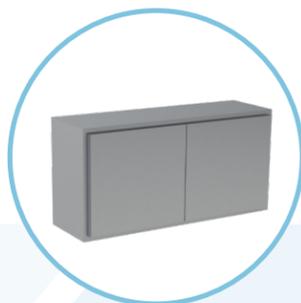
THE FOUNDATION OF WORLD LEADING AUTOMATION

Straight and curved track sections offer full control anywhere on track.

Individually controlled shuttles optimize functionality and provide the ability to create flexible process flows.

MULTIPLE CONFIGURATIONS POSSIBLE TO ENABLE HIGH MIX/LOW VOLUME PRODUCTION AT HIGH SPEEDS.

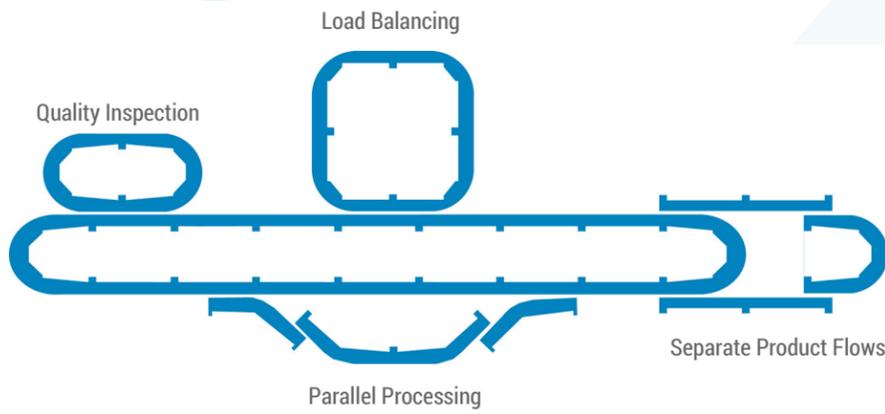
Standard control cabinet with integrated motor power supplies and safety circuit. Available in multiple configurations to accommodate all system sizes.



The SuperTrak MICRO™ conveyance platform reinvents the way your automation is designed making it smaller and more efficient. Using proven linear motion technology, the adaptive conveyance platform offers a unique combination of speed, precision, and flexibility to allow your business to solve issues associated with small batch or single piece part flows.

- Simulate systems and optimize process designs.
- Reduce the square footage of the cell by utilizing track functionality and eliminating the need for additional tooling.
- Easily integrate processes to create powerful operation with less effort.
- Deploy and reconfigure as you grow or as operational requirements change.

Merge and divert on-the-fly anywhere with part spacing as low as 50 mm.



ROBUST

FLEXIBLE

FAST

PRECISE

**1 BATCH OF 1 MILLION
1 MILLION BATCHES OF 1**

- Merge and divert individually controlled shuttles to create flexible process flows.
- Smaller pitch sizes allow for less tooling and more throughput.
- Minimal moving parts equals low maintenance and reduced down time.

- Multiple track configurations for endless design options and a reduced footprint.
- Modular track design allows you to build and deploy as you grow.
- Easily add and remove individual shuttles, track modules and software functions as needed.
- Interfaces with all major PLCs.

- Merge and divert pallets at speeds of 2.5 m/s.
- Industry-leading speed and settling time.
- Basic installation and configuration to get you up and running fast.

- Ability to control exact positioning of each shuttle.
- Part spacing as low as 50 mm.
- Stop positioning can be configured in software anywhere – even on curves.
- Built-in collision avoidance.

Specifications for the SuperTrak MICRO™ Conveyance Platform:

Straight Track Section:	660 mm
Curved Track Section:	45, 90, 135, 180 - degree options available
Product Fixture Width:	50-155 mm
Maximum Speed:	4 m/s
Acceleration:	1.5 g with 1.5 kg payload 5 g with 0.25 kg payload
Payload:	1.5 kg for a 50 mm shuttle and 3 kg for a 100 mm shuttle
Process on Curve:	Yes, full control
Carrier Options:	Standard mover configuration with 50 or 100 mm magnet array options
Communication:	EtherNet/IP [®]  EtherCAT [®] 

**Higher payloads and other protocols possible.*

**HIGHER AVAILABILITY
IMPROVED QUALITY
INCREASED PRODUCTIVITY**

Make your cell smaller and more efficient with the SuperTrak MICRO™ conveyance platform.

Contact

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**SuperTrak**[™]
MICRO

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