

 **SuperTrak**[™]
GEN3

Smart Conveyance

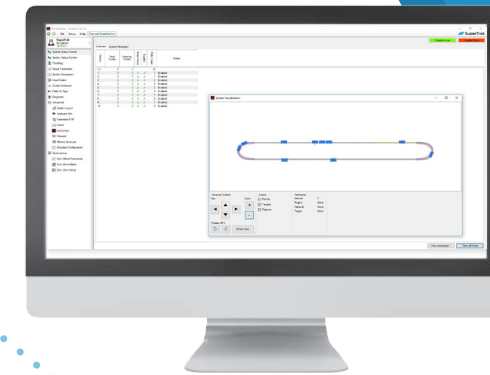


SIMULATE / DESIGN / BUILD / PERFORM

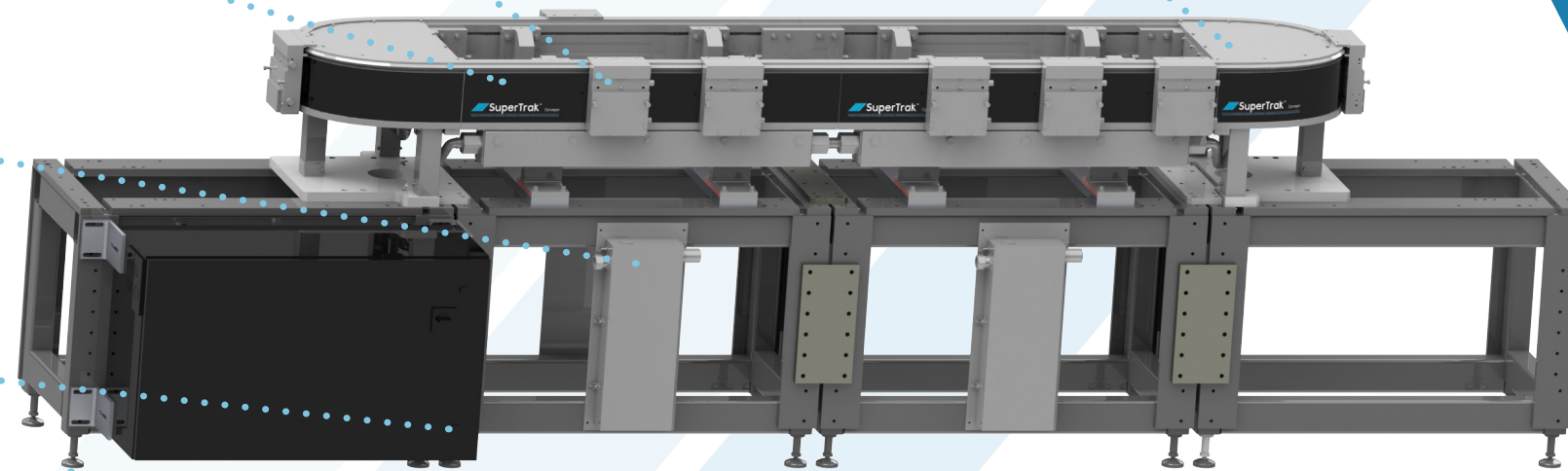
THE FOUNDATION OF WORLD LEADING AUTOMATION

The SuperTrak GEN3™ conveyance platform enables the development of world leading automation for the most demanding applications. Proven linear motion technology delivers performance and modularity, allowing you to confidently scale your manufacturing operations.

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



TrackMaster software simulates and optimizes machine process, configures the platform's powerful functionality, and provides intuitive diagnostic tools to maximize OEE.



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

Straight & 180-degree curve sections offer full control anywhere on the track.

Modular power supply component provides ability to easily add power as required.

Standard control cabinet design for all regions provides uninterrupted power supply and integrated safety circuit.

Sturdy base designed for ease of integration with other work stations.



ROBUST



FLEXIBLE



FAST



PRECISE

MAXIMIZE THROUGHPUT MINIMIZE FOOTPRINT



- Suitable for a variety of applications across industries.
- Minimal moving parts equal low maintenance and reduced downtime.
- IP65 rating & cleanroom certified.
- Energy efficient.

- Modular design allows you to build and deploy as you grow.
- Add and remove shuttles, track modules and software functions as needed.
- Interfaces with any PLC.
- Multiple mounting orientations including flat or over/under.

- Rapid acceleration (4G) speeds of up to 4 m/s.
- Industry-leading settling time equals more time in process and increased throughput.
- Basic installation and configuration to get you up and running fast.

- Ability to control the exact position of each shuttle.
- Stop positioning can be configured in software anywhere – even on curves.
- High repeatability of +/- 0.01 mm.
- Built-in collision avoidance.

Specifications for the SuperTrak GEN3™ Conveyance Platform

Straight Section:	1000 mm
180-Degree Section:	Narrow - 250 mm turning diameter Wide - 400 mm turning diameter
90-Degree Section:	600 mm turning diameter
Product Fixture Width:	155-500 mm
Maximum Speed:	4 m/s
Acceleration:	1G with 10 kg payload* 4G with 1 kg payload*
Payload:	10+ kg per shuttle
Process on Curve:	Full control
Carrier Options:	Standard mover configuration with 2 or 3 magnet array options
Communication:	EtherNet/IP  EtherCAT 

**Higher payloads and other protocols possible.*

HIGHER AVAILABILITY
IMPROVED QUALITY
INCREASED PRODUCTIVITY

Find out how the SuperTrak GEN3™ conveyance platform provides the foundation you need to accommodate your changing process demands.

Contact

SuperTrakTeam@atsautomation.com

+ (1) 519-650-6521

www.supertrakconveyance.com

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