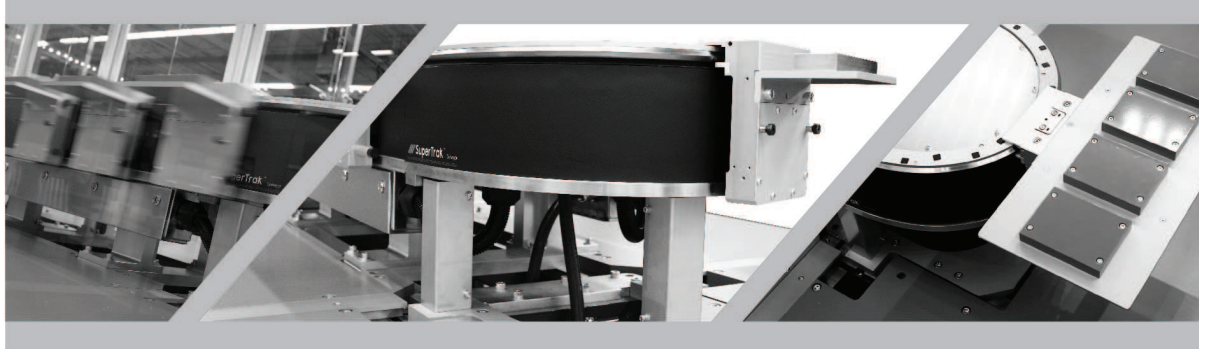


SuperTrak™ Conveyor



SuperTrak™ GEN3 Modular Conveyor System



PRODUCTS GROUP

SuperTrak™ GEN3 Modular Conveyor System

Description

The ATS SuperTrak™ GEN3 conveyor is a revolutionary linear motor system. It can reduce costs and increase productivity by reaching higher speeds, handling bigger load capacities, with faster transfers and increased throughput. It supports growth expansion, changing needs and higher OEE by using advanced interchangeable technology. The SuperTrak conveyor enables new manufacturing opportunities with flexible pitching, stop anywhere, move backwards, gentle motion, integrated vision and synchronous movement. GEN3 uses less floor space with stations and queues along every track point, including corners. It also supports any Programmable Logic Controller (PLC). There are no device configuration requirements with a full service plug and play experience, integrated on an ATS frame and tested for Quality Assurance. Overhead costs decrease with reduced assembly, wiring and integration on installation, and easy in-house maintenance.

With 15 years of platform operation in a variety of industries, the SuperTrak GEN3 conveyor has unprecedented efficiency, quality and value with worldwide service and support. An automation conveyor system to satisfy your current demands and meet your future ones.

Features

- Interchangeable components and technology
- Few moving parts for easy in-house maintenance
- High precision and repeatability
- Gentle product handling
- Fast transfers for faster throughput
- Clean-compatible for harsh or wet environments
- Plug and Play product integrated on an ATS frame
- Support for any Programmable Logic Control System

Specifications

Motor Length:	1000mm
Product Fixture Width:	150-500mm
Maximum Speed:	2.5 m/s
Acceleration:	1g with 10 kg payload 4g with 1 kg payload
Payload:	10+kg per pallet [†]
Stop Repeatability:	+/- 0.01 mm
Communication:	Ethernet/IP, PROFINET, discrete I/O*
Pallet Carriers Supported:	As many as can physically fit, pending track length
Process on Curve:	Yes, full control
Pallet Carriers Options:	Standard mover configuration with 2 or 3 magnet array options
Wash Down:	Yes
Collision Avoidance:	Built In
Power Consumption:	10 W/section, 165 W/pallet [‡]
Platform Configuration:	Fully assembled, integrated and tested platform ready for Plug and Play operation



[†]Higher payloads possible. Contact ATS with application details

*Other protocols are possible. Contact ATS if other protocols are desired.

[‡] Typical application. Power consumption may be less with less demanding requirements.

Patents: CAZ507856, EP1015851, EP1270311, USRE39747 and other patents pending

Please contact ATS directly to discuss your project in more detail



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