SuperTrak CONVEYANCE™ Portfolio

	SuperTrak HORIZON3	SuperTrak HORIZON10	SuperTrak VERTICA 10	SuperTrak PHARMA8
Straight Section	1000mm	1000mm	1000mm	1000mm
180° Section	300mm Width (270mm flat rail to flat rail)	500mm Width 800mm Width	500mm Width	500mm Width
90° Section	N/A	1200mm Width (2x 600mm sections)		
Product Fixture Width	50mm +	152mm up to 1000mm	152mm up to 1000mm	152mm up to 1000mm
Maximum Speed	4 m/s	4 m/s	4 m/s	2.5 m/s
Acceleration	Up to 10G*	1G with 10 kg Payload* 4G with 1 kg Payload	1G with 10 kg Payload* 4G with 1 kg Payload	3G with 1 kg Payload* 1G with 8.5 kg Payload
Repeatability	+/- 0.01mm (straight section) +/- 0.025mm (curved section)	+/- 0.01mm (straight section) +/- 0.025mm (curved section)	+/- 0.01mm (straight section) No process on curve	+/- 0.01mm (straight section) +/- 0.025mm (curved section)
Payload	3 kg per shuttle	10+ kg per shuttle*	10+ kg per shuttle* (max 4kg per shuttle on vertical curves)	8.5 kg per shuttle
Standard Shuttle Identification	Integrated in track	IR ID optional	IR ID optional	Not available in aseptic environments
Process on Curve	Full control	Full control	Not possible	Full control

Particulate Levels Rating:
Wash in Place (WIP) with spray gun and ball
Suitable for ISO 5, ISO 14644.1 & EU GMP
Annex 1 Grade A

PROFINET

EtherNet/IP

EtherCAT

supertrakconveyance.com

*Speak to a member of the SuperTrak Team for more info.

SuperTrak™ HORIZON3

The Foundation of World Leading Automation™ in its most compact version

3 kg per shuttle

50 mm shuttle-to-shuttle pitch

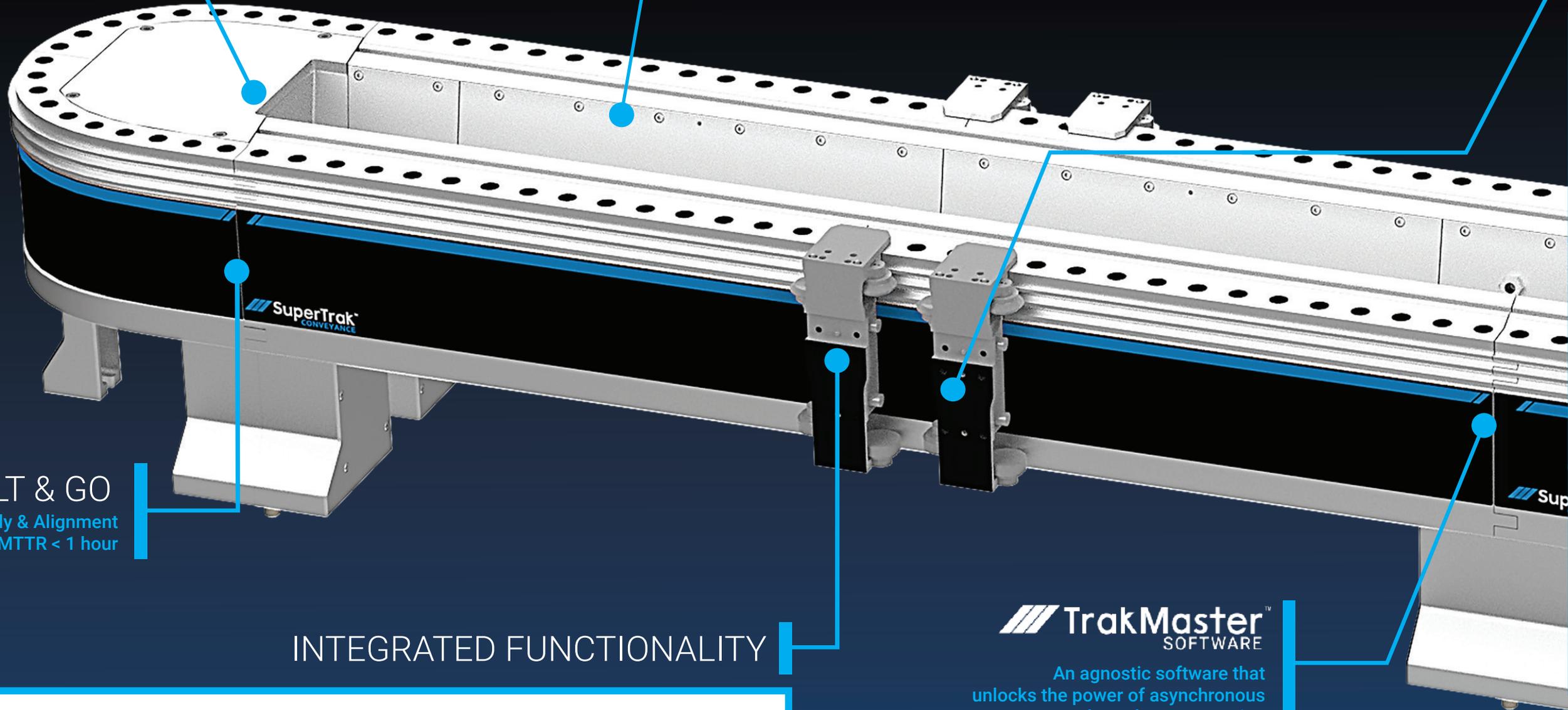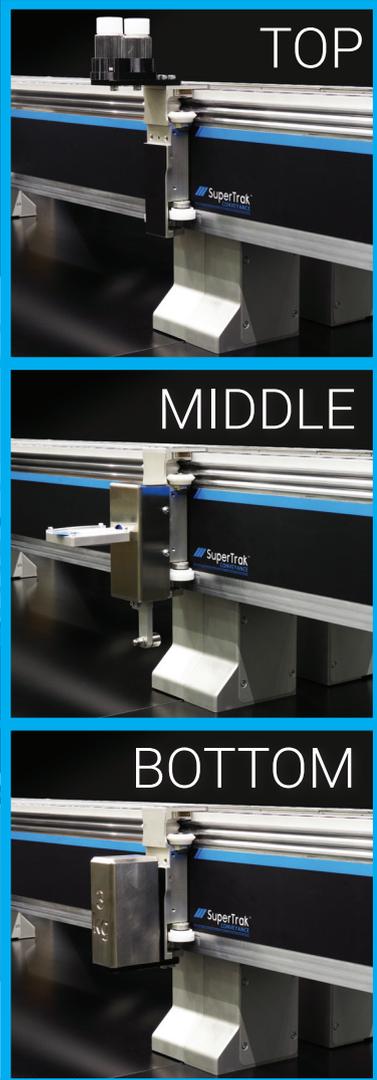A New Horizon in Automation Technology

SECTIONS
Straight section : 1000mm
180° Section: 270mm Width
With Smart Thermal Management

270mm
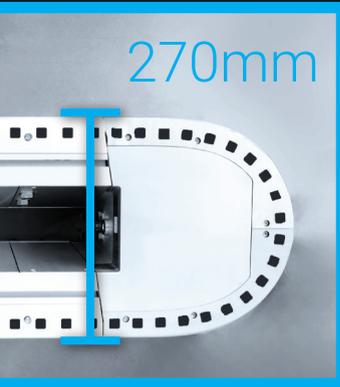
FLEXIBLE MOTION CONFIGURATION
Standard Function Blocks for all Major PLC Brands
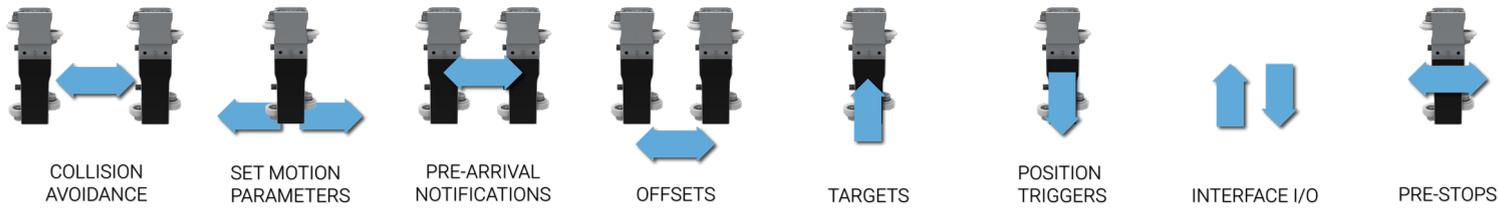Shuttle Control as Technology Objects in TIA Portal

MOUNTING OPTIONS

TOP

MIDDLE

BOTTOM

BOLT & GO
Easy Assembly & Alignment
MTTR < 1 hour

INTEGRATED FUNCTIONALITY

COLLISION AVOIDANCE

SET MOTION PARAMETERS

PRE-ARRIVAL NOTIFICATIONS

OFFSETS

TARGETS

POSITION TRIGGERS

INTERFACE I/O

PRE-STOPS

TrakMaster SOFTWARE
An agnostic software that
unlocks the power of asynchronous
and synchronous motion

SuperTrak CONVEYANCE