



- Outstanding speed
- Quiet operation
- For high payload robots

This is a servo powered floor mounted track with one or two robot carriers. It can be used to transport a robot from one station to another, or to increase the robot's working range. The TSL track is prepared for zeroing function.

Since the track is built in two- or four meter modules, it is easy to extend to a suitable length.

Options

- Automatic lubrication (rack and guide blocks)
- Integrated robot stands, height 440, 800 and 1200 mm ²⁾
- Additional carrier
- Zone limitations (two, three or four zones possible)
- Mechanical zeroing function

Technical data		TSL-2000 SD	TSL-4000 SD
Maximum payload	kg	2000	4000
Maximum speed	m/s	1.8	1.6
ED	%	50	50
Acceleration velocity	m/s ²	2.25	2.0
Travel 1200 mm	sec	1.45	1.55
Repetitive position accuracy	mm	±0.08	±0.08
Height (h)	mm	236	236
Height (H) including robot stand	mm	636, 836	636, 836
Standard length (L) in 2 meter steps	meter	4-24	4-24
Travel length (stroke)	mm	L-1340	L-1340
Suitable for industrial robots		ES165D-100, ES165D ES200D	ES165D-100, ES165D ES200D, ES280D MPL160, MPL300, MPL500 UP350D, UP350D-500 ¹⁾

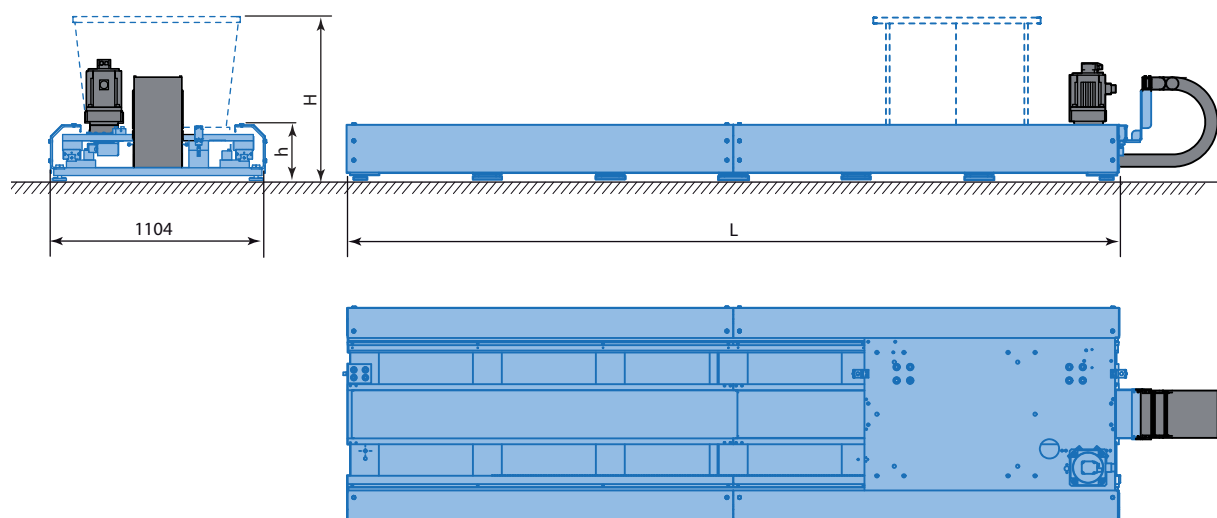
¹⁾ UP350D and UP350D-500 must be mounted on an integrated robot stand

²⁾ With robot stand 1200 mm it may be necessary to reduce the travel speed

TSL

Rotating robot base & Tracks
Floor mounted track

TSL-2000 SD, TSL-4000 SD



Technical data may be subject to change without previous notice
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