

IRT 501

FlexTrack: Material handling track motion

The FlexTrack is designed to transfer the part/workpiece in front of the process robots. The carriages are servo driven and could be free positioned. The FlexTrack has a high degree of modular design and could be ordered with different lengths and a number of options.



Key Benefits

- Compact design
- Easy to install – integrated leveling system
- Entirely protected – cable chain inside track
- High modularity – variable length with 1m modules & one or more independent carriages
- High repeatability
- High static stability on the carriage
- Heavy loads capacity
- High speed and acceleration
- Robust design
- Low maintenance

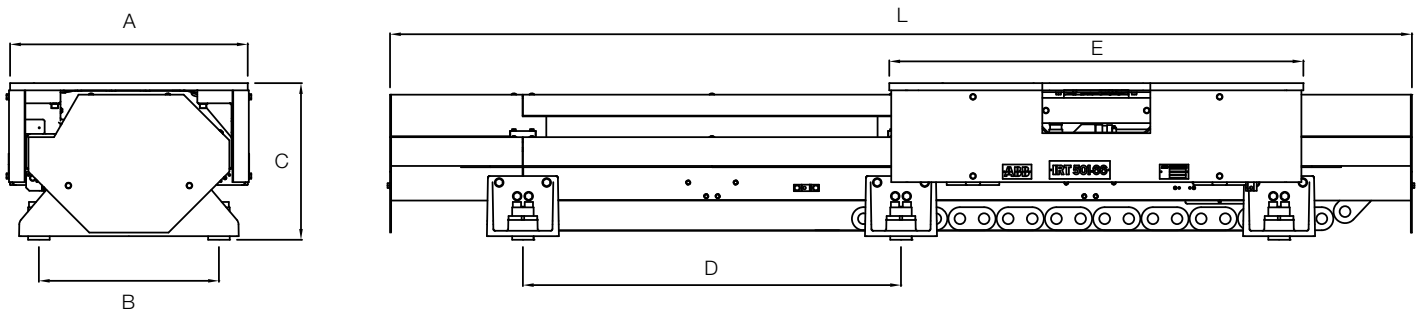
Applications

- Material handling
- Part conveying

Data	IRT 501-66	IRT 501-66R	IRT 501-90	IRT 501-90R
Repeatability	+/- 0.1 mm	+/- 0.1 mm	+/- 0.1 mm	+/- 0.1 mm
Acceleration *	2 m/s ²	1.2 m/s ²	1.2 m/s ²	1 m/s ²
Travel Speed *	2 m/s	1.5 m/s	1.5 m/s	1.2 m/s ²
A	660	660	900	900
B	500	500	680	680
C	435	435	495	495
D	1050	525	1050	525
E	1150	1150	900	900
L	738+Nx1050	738+Nx1050	738+Nx1050	738+Nx1050
Mass (kg)**	588 + 195 x S	628 + 235 x S	749 + 222 x S	801 + 274 x S
Maximum payload	900 kg	2000 kg	2000 kg	2950 kg
Protection:	IP54	IP54	IP54	IP54

* With maximum payload

** S: Stroke



Base package

- IRT 501 FlexTrack minimum length 2.3 m
- One carriage
- Upper, lateral, side covers
- Parameter disk
- Documentation

Automatic Lubrication

Options

- Additional carriages
- Electric working range limit switch
- Zone division for track motion
- SMB box

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