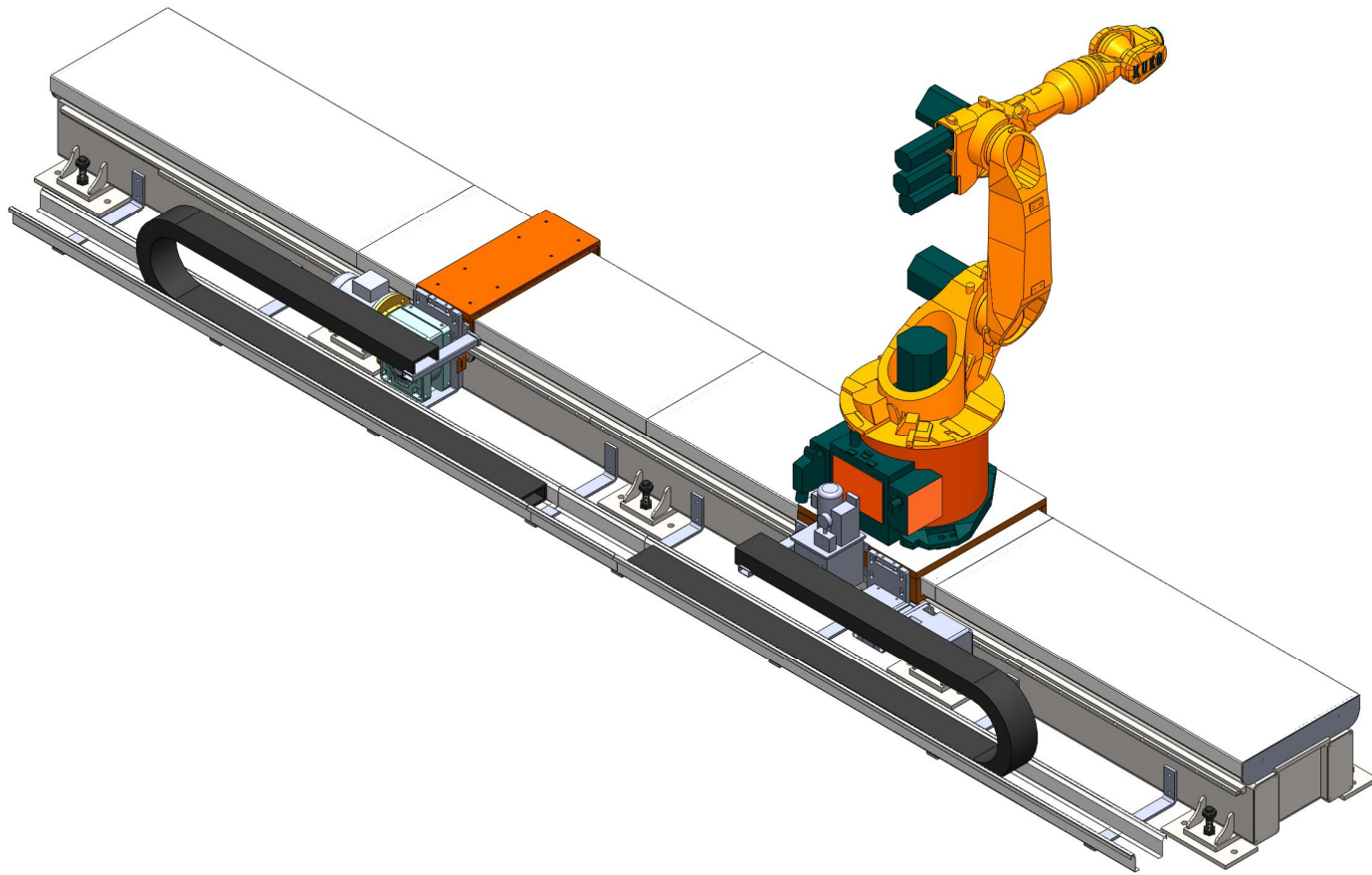


Linear Track (7th Axis) For Robot



Linear Tracks are used in Robotic system as a 7th Axis movement for Robots. These tracks are specially made for Robot that can synchronous with robot movements and control by robot program.

Our Floor Mounted 7th Axis Robot slide provides extended flexibility for robot. The system is designed utilizing a rack and pinion with Servo drive system.

The system is distinguished by its excellent stability and resistance to contamination. Due to the high degree of rigidity, the Linear Track runs quietly and spreads the loads well, even when an emergency stop is performed. The guides have been precisely fitted into the closed, welded and machined flat.

The entire guiding system has been covered with fixed and supported metallic sheet covers to overall length. Outside dust and outer particles will not enter into the guiding system, resulting in it will increase the overall life of system and maintaining high accuracy.

DRUPE
AUTOMATION SIMPLIFIED

Drupe Engineering Pvt.Ltd.

B29/2, MIDC, Taloja,

Dist- Raigad, Navi Mumbai - 410 206.

Phone:-022 27411922 / 2740 1153 / 64

Fax :- 022 27411933.

Website:- www.drupeengg.com

With carriage plate capacity vary from 100 kg to 5000 kg and speeds of 100mm per second to 2000mm/sec according to application and requirement, the Floor Mounted 7th Axis Robot slide is ideal for material handling, cutting, welding, thermal spraying and etc., applications.

Specifications (Features) of our Track

- Standard or engineered solutions for demanding applications,
- Variable travel stroke upto 30 meters,
- Maximum linear speed upto 2 Meters per second,
- Carriage carrying capacities up to 6000kg,
- Independently driven, dual and triple carriages available.
- Precision linear guide rails and LM bearings or Hardened flat rail with bearing blocks.
- High precision servo gearbox and drive systems,
- Positioning accuracy and repeatability upto $\pm 0.02\text{mm}$,
- Complete cable management systems
- Centralized lubrication systems with attachments.
- Installation and start-up assistance,
- Controls solutions are also available if required.

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