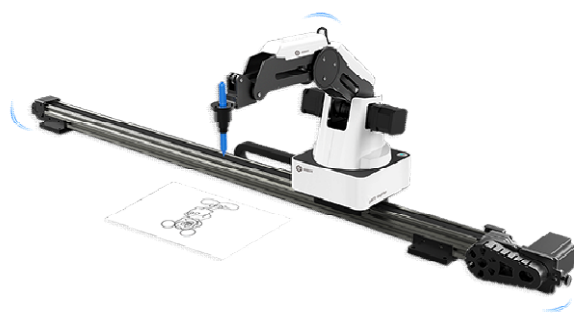




## Specifications- Linear Sliding Rail

### Introduction



The Dobot Magician robotic arm when mounted on this linear guide rail increases the reach by a whopping 1.0 more meter!

Such phenomenal working range brings you endless possibilities. With the sliding rail kit, the working space of Dobot Magician can be fully extended. It can do large-scale tasks, such as long-distance picking and placing, a large range of writing, drawing or laser engraving.

It has a very high absolute positioning ability (0.25mm) which is almost as close as that of the robot itself.

IntegrityRobotics uses this Linear Sliding for Flexible manufacturing system (FMS) setups.

### Items included

Sliding Rail- The high-precision industrial linear rail ensures the robot runs very smoothly and coherently.

Cable Set- Drag-chain cable carrier containing and protecting the cable.

A lot more sensors can be added to the sliding rail.

Item	Property	Value
Sliding Rail	Payload	5kg
	Effective Travel Distance	1000mm
	Maximum Speed	150mm/s
	Maximum Acceleration	150mm/s <sup>2</sup>
	Repeat positioning accuracy	0.01mm
	Absolute positioning accuracy	0.25mm
	Net Weight	4.7kg