

### Basic Spec

Axis	4
Precision	0.1mm
Repeatability	0.05mm
Payload	500g (max)
Speed	500mm/s (max)
Communication	Wi-Fi, USB-C, 12-Pin External Motor Interface, 5-pin Front-end Interface
Noise Level	40 dB
Working Temperature	0 - 50 °C (32 °F - 122 °F )
Dimension	6.8'x5'x12.4' (175x128x315 mm)
Weight	5.29lb / 2.4 kg
Module	Pen holder module, 3D printing module, Laser engraving module, Pneumatic module

### 3D Printing

Build Volume	larger than 150x150x270mm
Layer Resolution	0.1-0.3mm
Supported Materials	PLA, TPU, Wood, Carbon Fiber
Nozzle Diameter	0.4mm
Nozzle Temperature	250°C (max)
Supported File Types	STL, OBJ

### Pneumatic Kit

Payload	400g(max)
Working Area	380mm
Pressure	~35Kpa
Suction Cup Diameter	5mm, 10mm, 15mm
Softgripper Diameter	30mm

Visit [www.rotrics.com](http://www.rotrics.com) for more spec

### Conveyor Belt

Payload	500g
Effective Length	700mm
Max Speed	120mm/s
Precision	0.2mm
Material	alumina
Dimension	750x220x82mm
Weight	5kg

### Laser Engraving

Working Area	Larger than 210x297mm
Laser Power	2500mW
Wavelength	405nm
Supported Materials	Paper, wood, bamboo, leather, fabric, non-transparent acrylic, Anodized Aluminum, etc
Non-supported Materials	Steel, copper, glass, gem, transparent material, reflective materials, etc
Supported File Types	SVG, JPEG, PNG, etc
Safety Level	Class 4

### Sliding Rail

Effective Length	1000m
Power	12V/2A
Max Speed	250mm/s
Payload	5kg
Dimension	1250x300x100mm
Weight	5kg