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XY-Plotter Robot Kit v2.0 (No electronic)

SKU: 114990138

Description

Introduction:

Makeblock XY-Plotter 2.0 is a updated version of XY-plotter. With the Processing and GRemote, You can draw amazing pictures with Gcode.

Since we reinforce the structure, the XY-plotter 2.0 is stronger enough to be conversed to MiniCNC, 3D printer, driller, etc. And the movement of the terminal is stable and precise since the improved dual-way transmission mechanism.

Features:

- Strong aluminum extrusion parts, anodizing surface
- Two Metal stepper motor with back shaft
- 12V Solenoid include
- Closed type bushing block and ball bushing insert for use in linear motion applications
- Four-bolt aluminum alloy bushing block for a lightweight ready-to-mount installation
- Synthetic resin retainer plate for accurate ball guidance and low noise
- Four rows of recirculating balls inside the ball bushing for smooth running
- Integral lip seals to retain lubricant and protect against contamination
- Round steel shaft for use with slide units in linear motion applications.
- Chrome plated for corrosion resistance
- Case hardened for wear resistance
- Precision ground for consistent ball bushing radial clearance

Note:

With this kit, you can only build a XY-Plotter without controller. You can use your own electronic parts to drive this.

Part List:

4 × Linear Motion Shaft D8×480	2 x Stepper Motor	30 × Plastic Rivet 4120
6 × Linear Motion Slide Unit 8mm	2 × Stepper Motor Bracket	25 × Plastic Ring 4x7x2mm
1 × Solenoid-12V	4 × Timing Pulley 90T	10 × Plastic Ring 4x8x1mm
2 × Beam 0824-496	8 × Timing Pulley Slice 90T	35 × Screw M4×8
1 × Beam 0824-144	1 × Open-end Timing Belt (3m)	60 × Screw M4×14
3 × Beam 0824-128	3 × Link Rod	2 × Srew M4×30
1 × Beam 0824-96	2 × Shaft Connector-4	40 × Nylong Lock Nut M4
3 × Beam 0824-80	3 × Threaded Shaft 4×39mm	20 × Nut M4
1 × Beam 0808-96	3 × Shaft Collar 4mm	15 × Nylon Cable Ties
1 × General Bracket	4 × Flange Bearing 4x8x3mm	1 × Cross Screwdriver
2 × Bracket 3x6	8 × Headless Set Screw M3x5	1 × Screwdriver 3mm
14 × Bracket 3×3	15 × Countersunk Screw M3x8	2 × Screwdriver 1.5mm

2 × Plate 3×6		