

FaxiDraw BOM - Main Frame

Open-source foldable drawing machine.

[More info www.jrodrigo.net](http://www.jrodrigo.net)

**Printed parts are marked on green color*

Qty.	Reference	Description
2		NEMA 17 (Max. Length 40mm)
1		CNC Shield + Arduino + 4 x Driver A4988
1		12V @ 5A Power Supply (EU Plug)
2		Lineal Rod - 8mm - length: 450mm
2		Lineal Rod - 8mm - length: 350mm
2		GT2 Timing Pulley - 20 teeth - 5mm Bore
1		GT2 Timing Belt - 6mm - length: 1,6m
XY Joint		
1		<i>XY-bottom.stl</i>
1		<i>XY-top.stl</i>
14		ZIP Tires Nylon - 2,5 x 100 mm
8		Lineal Bearing LM8UU
8		Ball Bearing 623ZZ - 4x10mm - ID 3mm
4		M3x16 Screw DIN912
4		M3 Washer
4		M3 Brass Insert - OD 4,2mm - Length: 4mm
M8 KNOB		
1		<i>M8-KNOB.stl</i>
1		M8x45 Screw DIN912
1		M8 Nut
1		M8 Washer
Motor Mount		
2		<i>X-NEMA17-Mount.stl</i>
1		<i>X-NEMA17-Mount-End.stl</i>
1		<i>X-NEMA17-Mount-End-Arduino.stl</i>
8		M3x16 Screw DIN912
8		M3 Washer
CNC Shield		
1		<i>CNC-Shield-Cover-FaxiDraw.stl</i>
5		M3x6 Screw DIN912
5		M3 Brass Insert - OD 4,2mm - Length: 4mm
Y Pulley End		
1		<i>Y-Pulley-End.stl</i>
1		M4x20 Screw DIN912
1		M4 Nut
2		M3x20 Screw DIN912
2		M3 Wing Nut DIN315
2		M3 Washer
2		M3 Brass Insert - OD 4,2mm - Length: 4mm
1		GT2 Idler Pulley - 20 teeth - Bore ID 4mm
Y Tool End		
1		<i>Y-Tool-End.stl</i>
2		M3x20 Screw DIN912
2		M3x12 Screw DIN912
4		M3 Washer
6		M3 Brass Insert - OD 4,2mm - Length: 4mm

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FaxiDraw BOM - Tools

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Qty.	Reference	Description
Pen holder with servo (Ver.1)		
1		<i>PEN-Servo-holder-A.stl</i>
1		<i>PEN-Servo-holder-B.stl</i>
1		<i>PEN-Servo-holder-c.stl</i>
1		Servo 9G - Tower Pro <i>and similars</i>
2		M3x40 Screw DIN912
4		M3x12 Screw DIN912
4		M3 Washer
2		M3 Brass Insert - OD 4,2mm - Length: 4mm
1		Paper Clip
250mW LASER Holder - Diameter 16mm		
1		<i>LASER-D16mm-holder.stl</i>
2		M3x12 Screw DIN912
2		M3 Washer
2,3W LASER Module		
1		<i>Holder files and more parts coming soon...</i>
1		2,3W Blue Laser Module With TTL/PWM
...		...

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