

sometimes in the future: Parts list

Parts of the steel frame from a local firm, total price 95 EUR (abt. 120 USD):

1 L-profile 125x65x5, 850 mm long
2 L-profiles 125x65x5, 650 mm long
2 L-profiles 125x65x5, 385 mm long
2 U-profiles 80x40x4, 700 mm long
6 steel corners 40x40x2
1 steel plate 160x100x4 mm

Parts ordered from Ooznest, UK. Total price abt. 1 400 EUR, shipment included (abt. 1745 USD):

1 C-Beam Linear Actuator Kit (800 mm long cut to length + 1 Nema 34 stepper motor + 1 Gantry plate)
2 C-Beam Linear Actuator Kits (650 mm long cut to length + 2 Nema 34 stepper motors + 2 XL Gantry plates)
1 C-Beam Linear Actuator Kit (300 mm long cut to length + 1 Nema 34 stepper motor + 1 Gantry plate)
75 M5x10 low profile bolts
25 M5x25 low profile bolts
10 double tee nuts
50 tee nuts
1 xPro Control board V3
4 slot covers
2 XL Gantry plates
2 Cable Drag Chain Carriers
4 End stop switch kits

Aluminum profiles from a metal whole sale firm (total price 240 €, shipment included (abt. 300 USD):

4 t-slot Al profiles 175x15, 650 mm long
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Parts bought from local hard ware stores, total price abt. 300 EUR (abt. 375 USD):

1 plywood board cut to size 650x700 mm
16 M6x60 Stainless steel machine screws
11 M5x60 stainless steel wood screws
10 M6x25 stainless steel bolts and + lock nuts + shims
10 M6x20 stainless steel bolts and + lock nuts + shims
Aluminum L-profile 40x20x2, 1 m
Aluminum L-profile 40x20x2, 1 m
3 Acrylic sheets (1pc 700x200x4 mm, 2 pc 650x200x4 mm)
2 Aluminum corner profiles 200 mm
1 Copper tube 10mm, length 1 m
2 Compression fitting T-connection 10 mm
1 Compression fitting 90 degree angle, 10 mm
20 cable glands, black 3-6 mm
3 cable glands flexible, black 4-8 mm
1 Spiral cable wrap, black 1,5 m
1 Speaker wire 2x0.8 mm gray, 10 mm
2 Power cords with plugs 3x1.0 mm black, 3m
1 Box with misc. Abiko connector parts
1 Hand held Air Blow Gun
2 Plastic parts 675x50x10 mm
8 Distance parts of aluminum, 10x5 mm
1 Shielded power cable 5x0.75mm, 3m
2 Spray paint cans, black

Parts ordered from eBay, total price abt. 550 EUR (abt. 685 USD):

1 power supply 24 V 350 W
Black plastic enclosure 135x95x45
Black plastic enclosure 120x90x32
15 a fuse + fuse holder

4 Aluminum Bracket mounts + M5x60 screws
1 Inverter 1,5 kW AC Hyanyang + Spindle motor 1,5 kW + ER11 collet set (1-7mm)
2 braided Air brush hose w. 1/8" fittings
1 3-position 4-way pneumatic valve
1 Flexible air hose 8 mm, 5m
1 Flexible air hose 4 mm, 5m
1 Pair of LED Halo rings 70 mm
1 Flexible Air nozzle
2 Pipe fittings, straight w. female threads 1/8"
1 Pneumatic flow control valve 8 mm
8 Push-in fittings 1/8" to 8 mm
2 adaptor fitting, straight 10 mm to 1/4"