

Online Extra

CNC Router Materials & Hardware List



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|------------------------------------|------------------------------|---|--|
| A Top/Bottom (2) | 3/4 ply. - 22 1/2 x 60 | • (24) 3/8" Washers | • (2) 5/16" Star Knobs |
| B Side Rails (2) | 3/4 ply. - 4 x 60 | • (16) 3/8" I.D. V-Groove Bearings | • (20) #8 x 1/2" Ph Sheet Metal Screws |
| C Inner Rails (2) | 3/4 ply. - 2 1/2 x 58 1/2 | • (16) 1/8"-thick x 3/8" x 1 1/2" Fndr. Washers | |
| D Long End Rail (1) | 3/4 ply. - 2 1/2 x 22 1/2 | • (16) 3/8" Stop Nuts | |
| E Short End Rails (2) | 3/4 ply. - 2 1/2 x 7 13/16 | • (1) 1" -dia. x 12" rgh. Dowel | |
| F Inner Skirts (2) | 3/4 ply. - 3 1/4 x 8 9/16 | • (1) 3 Axis Elec. Combo for Heavy Gantry | |
| G Outer Skirts (2) | 3/4 ply. - 7 1/4 x 10 1/8 | • (4) 1/4"-20 x 2" Machine Screws | |
| H Long Inner Skirt (1) | 3/4 ply. - 3 1/4 x 24 | • (4) 3/4" O.D. x 1/2"-long Nylon Spacers | |
| I Long Outer Skirt (1) | 3/4 ply. - 7 1/4 x 27 1/8 | • (4) 1/4"-20 T-Nuts | |
| J Rail Spacers (2) | 3/16 x 1 - 60 | • (4) 3/8" x 2 1/2" Lag Screws | |
| K Rails (2) | 1 1/2 ply. - 2 3/8 x 60 | • (1) 1/2" x 1/2" Shaft Coupling | |
| L Clamp Boards (7) | 3/4 ply. - 3 1/2 x 51 1/2 | • (1) 1 1/2" x 1 1/2" x 24" 6061 Alum. Angle | |
| M Sides (2) | 3/4 ply. - 4 1/2 x 27 1/8 | • (2) 1/2"-10tpi x 60" Lead Screws | |
| N Ends (2) | 3/4 ply. - 4 1/2 x 6 3/8 | • (2) 1/2" I.D. x 1 1/4" O.D. Bearings | |
| O Bottom (1) | 3/4 ply. - 6 3/8 x 25 5/8 | • (8) 5/16" x 2 1/2" Lag Screws | |
| P Gantry Sides (2) | 3/4 ply. - 16 7/16 x 20 3/4 | • (24) 5/16" Washers | |
| Q Side Supports (2) | 3/4 ply. - 10 1/4 x 17 5/8 | • (3) 1/2" Anti-Backlash Nut | |
| R Bearing Supports (4) | 1/2 x 1 1/2 - 12 | • (6) #8 -24 x 3/4" Machine Screws | |
| S Rail Box Posts (2) | 2 3/4 ply. - 3 x 4 1/4 | • (6) #8 Lock Washers | |
| T Motor Submount (1) | 1 1/2 ply. - 6 1/2 x 6 7/8 | • (6) #8 Stop Nuts | |
| U Motor Mount (1) | 1 1/2 ply. - 4 x 5 1/2 | • (6) 5/16" x 1 1/2" Machine Screws | |
| V Screw Cover (1) | 3/4 ply. - 4 x 4 | • (6) 5/16" Stop Nuts | |
| W Base (1) | 3/4 ply. - 10 1/2 x 27 3/8 | • (16) #8 x 1/4" Fh Woodscrews | |
| X Base Supports (2) | 3/4 ply. - 10 1/2 x 9 | • (8) #8 x 2" Fh Woodscrews | |
| Y Feedscrew Mount (1) | 1/2 x 2 - 3 1/8 | • (4) 5/16" x 1 1/2" Lag Screws | |
| Z Gtry. Top/Bottom (2) | 3/4 ply. - 2 3/4 x 27 3/8 | • (8) #10 -24 x 2" Machine Screws | |
| AA Gantry Back (1) | 3/4 ply. - 6 x 27 3/8 | • (8) #10 -24 T-Nuts | |
| BB Gantry Front Panel (1) | 3/4 ply. - 6 x 31 7/8 | • (2) 1/2" x 1/4" Shaft Coupling | |
| CC Gantry Rails (2) | 1 1/2 ply. - 2 3/16 x 31 7/8 | • (8) 1/2" O.D. x 1/2"-long Nylon Spacers | |
| DD Gantry Mtr. Submount (1) | 1 1/2 ply. - 4 x 8 | | |
| EE Gantry Mtr. Mount (1) | 1 1/2 ply. - 3 x 4 1/4 | | |
| FF Gantry End (1) | 3/4 ply. - 4 x 8 | | |
| GG End Cap (1) | 3/4 ply. - 3 x 4 1/4 | | |
- Additional Materials for Router Mount**
- (1) Mach3 Software
 - (1) ArtCam or Vectric CAD/CAM Sftware.
 - (1) 24" Dust Skirt
 - (1) Cooling Fan
 - (1) Grounded Cord Set
 - (1) Variety of 14 ga. Electrical Wire
 - (1) Variety of 14 ga. Wire Nuts
 - (1) High Cycle 4 Lead Elec. Cable -10ft.
 - (1) Variety of Cable Clamps
 - (1) 5/16" x 12" Threaded Rod

NOTE: Open material list in PDF viewer for clickable link to vendor websites