

figNoggle Designs

12"x36" Rolling Lathe Stand

NOTES:

This rolling stand is designed for use with the 12"x36" lathes sold by Grizzly, Jet, Enco and other catalogs/dealers.

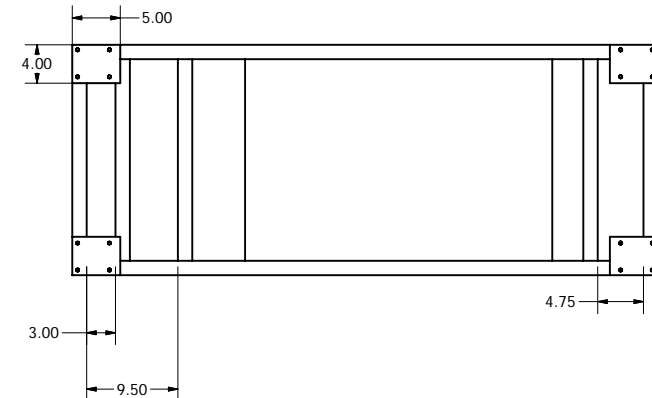
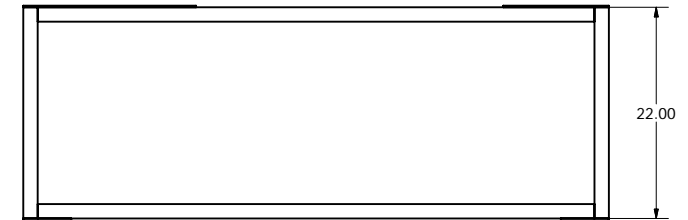
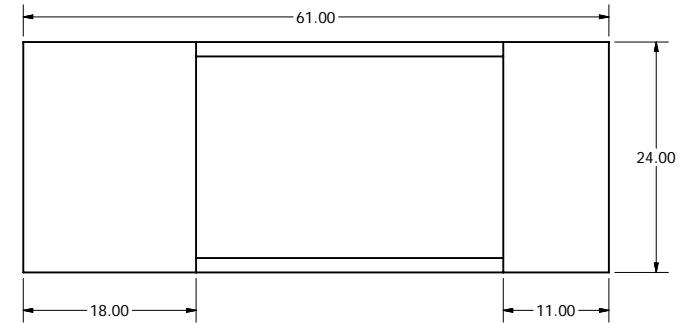
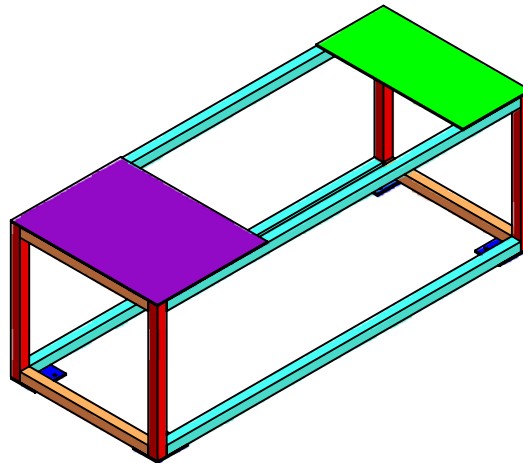
Since most of the 12"x36" lathes are similar in dimension/weight/features (with the exception of those that come with a foot brake), they should all fit on this rolling stand.

Please note that while we used 1.5" square tubing with 0.072" wall thickness throughout, you may gain piece of mind by using wider/thicker tubing or angle. Be sure to check your welds!

We have left out the hole locations; it's best to place the chip pan on the stand first and see where the holes line up. Be sure to double-check the placement of top three support tubes - the lathe base holes should line up with these.

With this design, the spindle center height sits roughly at 44" from the floor.

We assume NO LIABILITY for these plans. Use at your own risk!



Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	Cross Tubes	61" L x 1.5" Mild Steel Square Tubing 0.072" Wall Thickness
2	4	Posts	22" L x 1.5" Mild Steel Square Tubing 0.072" Wall Thickness
3	7	Sides and Lathe Bolt-Down Tubes	21" L x 1.5" Mild Steel Square Tubing 0.072" Wall Thickness
4	1	Headstock Support Plate	3/16" Thick Mild Steel Plate 24"x18"
5	1	Tailstock Support Plate	3/16" Thick Mild Steel Plate 24"x11"
6	4	Caster Plates	1/4" Thick Mild Steel Plate 5"x4"
7	4	Faultless Brand Casters 1438-TB	4"x2" Polyurethane-coated solid cast iron wheels with Total-Lock
8	16	3/8" Plain Washers	For mounting casters to plate
9	16	3/8" Split/Spring-Lock Washers	For mounting casters to plate
10	16	3/8"x24TPI 1" Length Grade 5 Hex Head Bolts	For mounting casters to plate
11	6	3/8"x16TPI 3-1/2" Length Grade 5 Hex Head Bolts	For mounting lathe to base
12	12	3/8" Fender Washers	For mounting lathe to base
13	6	3/8"x16TPI Nuts	For mounting lathe to base

DRAWN David	11/10/2008	figNoggle Designs / www.fignoggle.com		
CHECKED		TITLE		
QA		G4003 Lathe Stand		
MFG		SIZE C	DWG NO g4003-stand-1	REV
APPROVED		SCALE	SHEET 1 OF 1	

FREE PLAN - DISTRIBUTE FREELY

CNC Conversion Plans and Kits for Mills and Lathes
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