

<p>Cut Parts A-F and I, J out of sheet of Plywood.</p>	<p>Cut 5' x 1 7/8' Square in pieces A.</p>	<p>Cut 4 1/4' x 2 5/8' Square in piece B.</p>	<p>Cut 22.5° Angles on parts indicated A, B, C</p>	<p>Glue and Screw Parts in 4</p>	<p>Glue and Screw on Base F.</p>
			<p>Top View</p>	<p>Side View</p>	
<p>Glue and Screw Motor base and spacers. E and D</p>	<p>Bolt Motor onto Motor Base</p>	<p>Attach Pulleys onto Motor.</p>	<p>Screw Motor Base into Sander Body down 1/2" from Base.</p>	<p>Install Outlet Box in B.</p>	<p>Wire in Motor and Switch</p>
<p>Cut Parts G-H out of Pine and cut a 22.5° angle on them.</p>	<p>Glue and Screw Parts G on outside.</p>	<p>Glue and Screw Parts H on outside.</p>	<p>Glue and Screw Part J 1/2" from top edge.</p>	<p>Cut Angles on Lid I</p>	<p>Screw Hinge on Lid.</p>
<p>Screw Lid to top of Sander.</p>	<p>Assemble 12" drum Kits.</p>	<p>Screw on drum Sanders.</p>	<p>Install Linkbelts onto pulleys.</p>	<p>Optional Holes for Dust Extraction.</p>	

# Plan for the Portable Upright V-Drum Sander

Item	Description	Size	Material	Quantity
A	Drum Support Back	1/2" x 9-7/8" x 17"	Plywood	2
B	Narrow Sides	1/2" x 5" x 17"	Plywood	2
C	Wide Sides	1/2" x 7-1/2" x 17"	Plywood	2
D	Motor Base	1/2" x 6" x 8"	Plywood	1
E	Motor Base Spacers	1/2" x 6" x 1"	Plywood	2
F	Base	1/2" x 12" x 15"	Plywood	1
G	Small Drum Supports	1" x 5-3/4" x 2-1/4"	Pine	2
H	Large Drum Supports	1" x 5-3/4" x 1-5/8"	Pine	2
I	Lid	1/2" x 11" x 14"	Plywood	1
J	Lid Stop	1/2" x 5" x 1"	Plywood	1

Piano Hinge		6"
12" Large Drum Kit		1
12" Small Drum Kit		1
Handle	1	
1/4HP Motor		1
Flexible wire		15ft
Outlet Box		1
Switch	1	
Male Plug		1