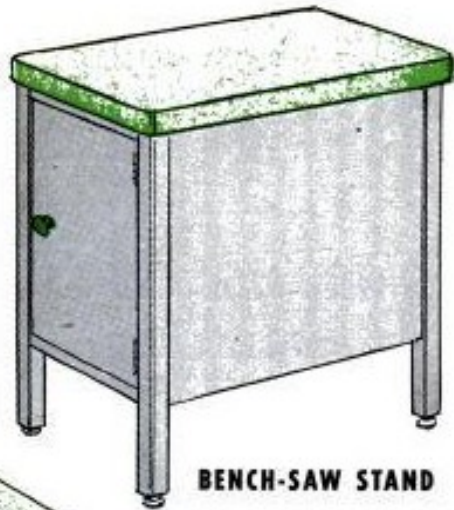
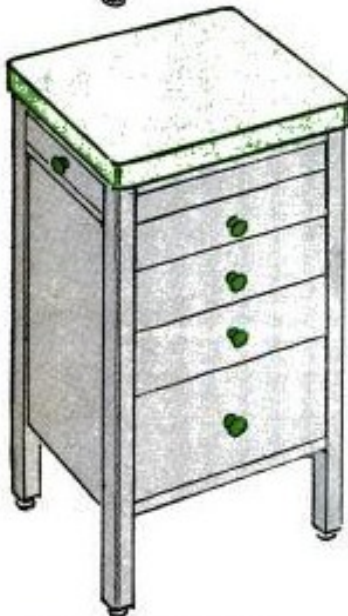


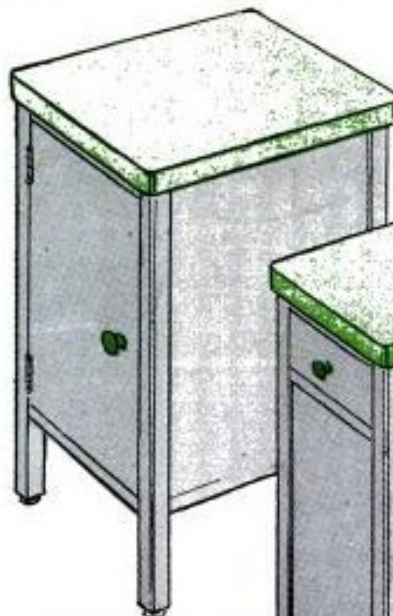
JOINTER STAND



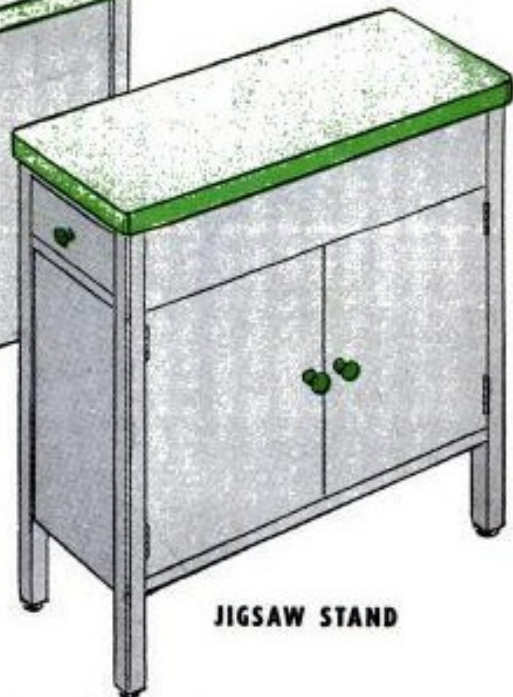
BENCH-SAW STAND



DRILL-PRESS STAND



BANDSAW STAND

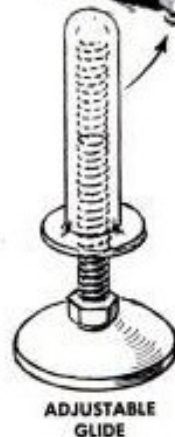
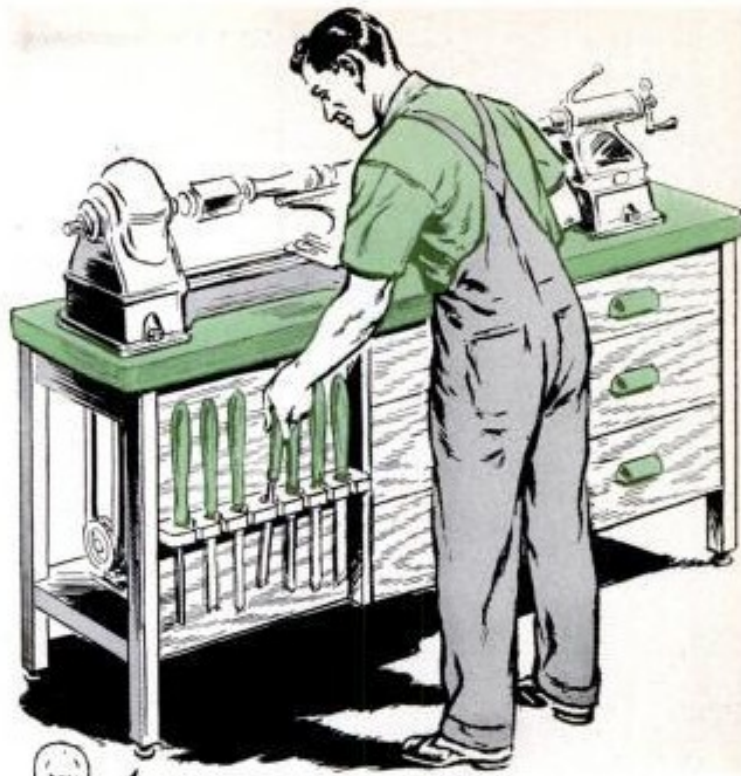
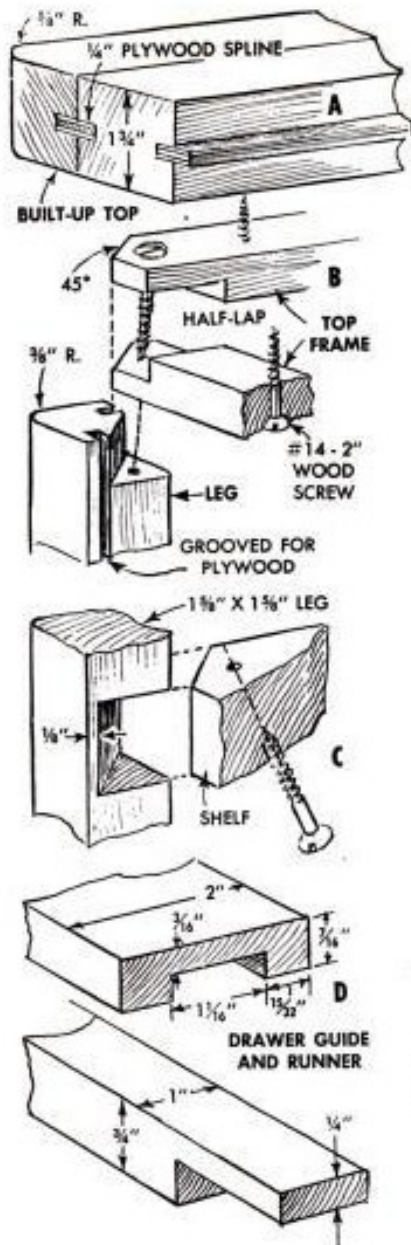


JIGSAW STAND

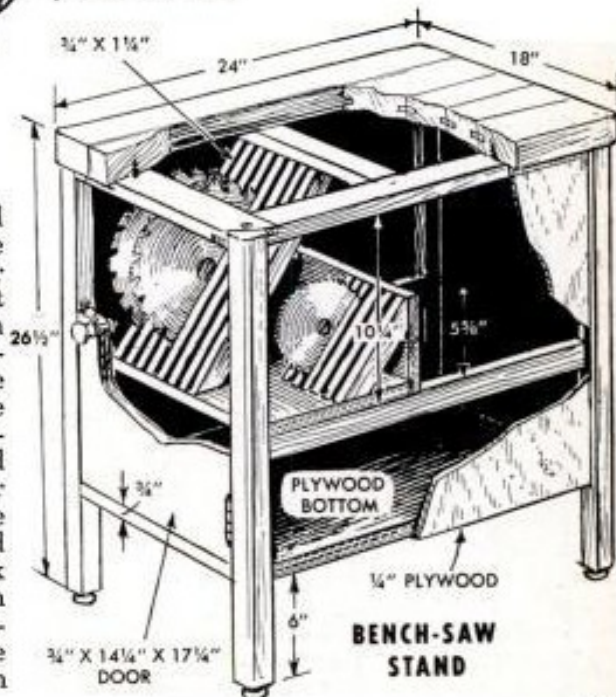
STANDS FOR YOUR POWER TOOLS

THE FIRST REQUIREMENT for satisfactory operation of a bench-type power tool is a rigid floor stand. These five stands have been especially designed by John Bergen for the most frequently used power tools in the home workshop and provide space for chip disposal and storage of accessories. The legs of each stand are adjustable for height, permitting the units to be leveled on an uneven floor. Basically, the construction of all stands is the same, the tops, legs and rails being joined as in

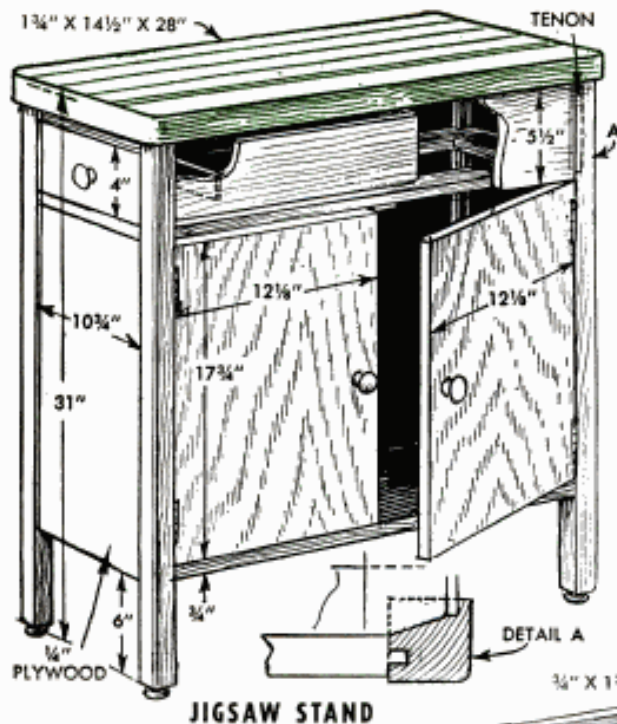
details A, B and C on the facing page. The drawers slide on the center-runner-and-guide assembly shown in detail D. Dimensions vary with the type of stand and the machine for which it is designed and, in some instances, it may be advisable to depart from those given in order to bring the machine tables to a comfortable height for the individual user. When building the bench-saw and jointer stands, which require openings for discharge of chips and the drive belt, you can save considerable



- MATERIAL LIST**
- Clear Lumber**
- 1 pc.—1 3/4" x 18" x 24"—Top (built-up)
 - 4 pcs.—1 3/4" x 1 3/4" x 25 3/4"—Post
 - 2 pcs.—3/4" x 1 3/4" x 23"—Top side frame
 - 1 pc.—3/4" x 1 3/4" x 16 1/2"—Top front center & back frames
 - 2 pcs.—3/4" x 1 1/4" x 20 1/4"—Side shelf cleats
 - 3 pcs.—3/4" x 1 1/4" x 1 5/8"—Saw-rack rails
 - 6 pcs.—3/4" x 1 1/4" x 8 3/4"—Saw-rack rails
 - 1 pc.—3/4" x 5 5/8" x 10 1/2"—Shelf track
- Plywood**
- 1 pc.—3/4" x 14 1/4" x 17 1/4"—Door
 - 1 pc.—3/4" x 10" x 16 1/4"—Shelf
 - 1 pc.—3/4" x 10 1/4" x 23"—Shelf
- Hardboard**
- 1 pc.—1/2" x 15" x 18"—Back
 - 2 pcs.—1/4" x 18" x 21"—Sides
 - 2—Butt hinges, 1 3/4" x 1 1/4" open
 - 4—Adjustable glides
 - 1—1" dia. knob
 - 1—3/8" bullet catch

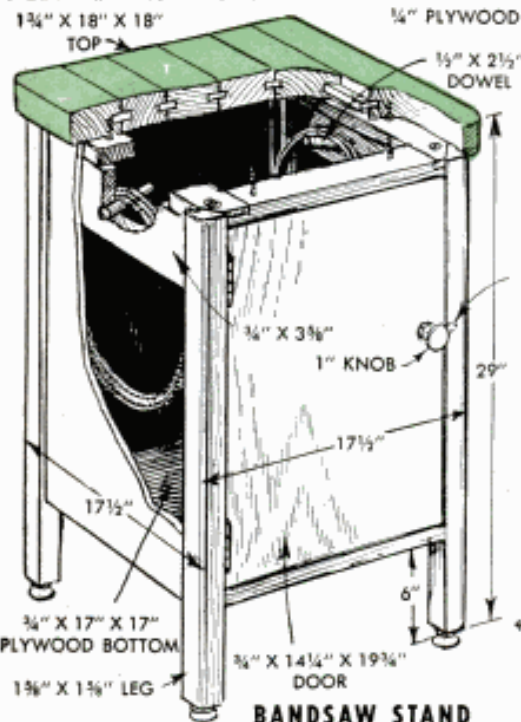


stock by first determining the required size of the openings and then cutting the stock accordingly. In making the top for the jointer stand, for example, you can cut a number of pieces 42 in. long and then use filler strips 17 in. long to form the openings for both chips and the drive belt. Note in detail A the built-up construction of the tops. Either soft wood, such as pine, or hardwood, such as maple or birch, can be used for the tops. The motor shelf on the jointer and lathe stands can be made of the same material joined with glue and plywood splines as in detail A. When cutting stock for the motor shelves and tops, cut each piece slightly longer than the finish dimension to allow for trimming the top to the required size. Tops should be sanded smooth



JIGSAW STAND

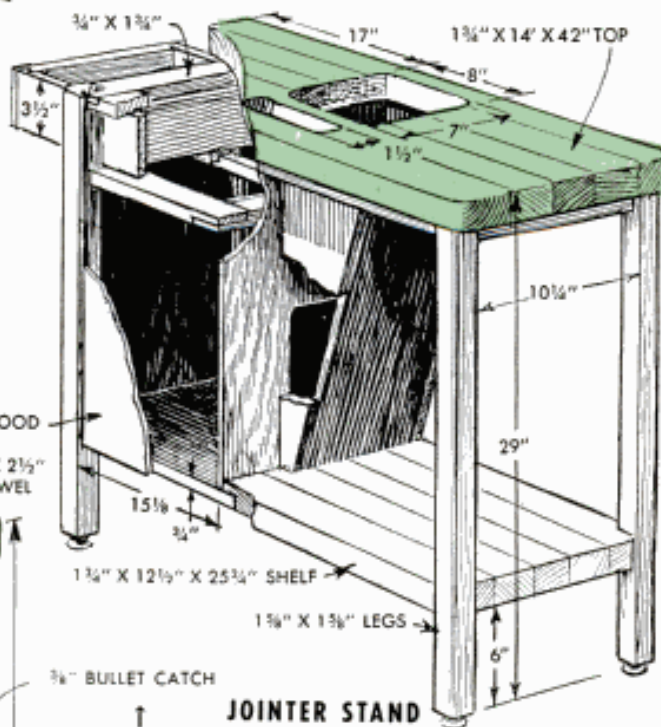
- Clear Lumber**
- 1 pc.—1 3/4" x 14 1/2" x 28"—Top
 - 4 pcs.—3/4" x 1 3/4" x 12 1/2"—End drawer rails
 - 4 pcs.—3/4" x 1 3/4" x 27"—Side drawer rails
 - 4 pcs.—1 3/4" x 1 3/4" x 20 1/2"—Posts
 - 1 pc.—3/4" x 5 1/2" x 23"—Side rail
 - 1 pc.—3/4" x 3 1/2" x 10 3/4"—Drawer front
 - 1 pc.—1 1/2" x 3 1/2" x 9 3/4"—Drawer back
 - 2 pcs.—1 1/2" x 3 1/2" x 16 1/2"—Drawer sides
- Hardboard**
- 1 pc.—1/2" x 11 1/2" x 9 3/4"—Drawer partition
 - 1 pc.—1/2" x 9 3/4" x 13 1/2"—Drawer bottom
 - 1 pc.—1/2" x 11 1/2" x 18"—End
 - 1 pc.—1/2" x 11 1/2" x 23 1/4"—End
 - 1 pc.—1/2" x 23 1/4" x 25"—Side
- Plywood**
- 1 pc.—3/4" x 13 1/2" x 20 1/2"—Shelf
 - 2 pcs.—3/4" x 12 1/2" x 17"—Doors
- Hardware**
- 1 pc.—3/4" x 1" x 26 1/2"—Drawer guide
 - 1 pc.—7/16" x 2" x 1 1/2"—Drawer slide
 - 2—3/8" dia. bullet catches
 - 2—1/8" dia. knobs
 - 2—Adjustable glides
 - 4—Butt hinges, 1 3/4" x 1 3/4" open



BANDSAW STAND

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on both sides so that they fit properly on the stands. Drawers in the lathe and drill-press stands are of identical construction; they vary only in overall size and the type of pulls pictured. Note that the lower edge of the drawer front extends a distance equal to the thickness of the rail and that the latter is set in from the corner of the leg a distance equal to the thickness of the drawer front. Made in this way, the drawers close flush. This type of construction makes it possible to use a simple half-lap joint when assembling the rail-and-runner frames as these parts are not exposed in the finished job. It is advisable to use 1/2 or 5/8-in. plywood for the bottoms of the two full-width drawers if they are to be used for storage of heavy objects. Finish the stands in the natural color of the wood or in colors to match the shop equipment. ★ ★ ★



JOINTER STAND

- Clear Lumber**
- 4 pcs.—1 3/4" x 1 3/4" x 27 1/2"—Posts
 - 1 pc.—1 3/4" x 12 1/2" x 25 1/2"—Motor shelf
 - 2 pcs.—3/4" x 2 1/2" x 41"—Side rails
 - 2 pcs.—3/4" x 1 3/4" x 12 1/2"—End & center rails
 - 1 pc.—3/4" x 3 1/2" x 10 3/4"—Drawer front
 - 1 pc.—1 1/2" x 3 1/2" x 9 3/4"—Drawer back
 - 2 pcs.—1 1/2" x 3 1/2" x 15 3/4"—Drawer sides
 - 2 pcs.—3/4" x 2 1/2" x 16 1/2"—Side drawer rails
- Plywood**
- 1 pc.—3/4" x 10 1/2" x 13 1/2"—Door
 - 1 pc.—3/4" x 12 1/2" x 18"—Shelf
 - 1 pc.—3/4" x 9" x 10 1/2"—Dust-chute side
 - 1 pc.—3/4" x 8 3/4" x 21 3/4"—Dust-chute end
- Hardware**
- 1 pc.—3/4" x 1" x 15 1/2"—Drawer guide
 - 1 pc.—7/16" x 2" x 1 1/2"—Drawer slide
- Hardboard**
- 1 pc.—1/2" x 9 1/2" x 14 1/2"—Drawer bottom
 - 1 pc.—1/2" x 15 1/2" x 21 3/4"—Side
 - 1 pc.—1/2" x 21 3/4" x 23 3/4"—Side
 - 1 pc.—1/2" x 12 1/2" x 20 1/4"—End
- Clear Lumber**
- 4 pcs.—1 3/4" x 1 3/4" x 27 1/2"—Posts
 - 2 pcs.—3/4" x 13 1/2" x 10 1/2"—Front & back top frame
 - 2 pcs.—3/4" x 13 1/2" x 17"—Side top frame
 - 2 pcs.—3/4" x 3 3/4" x 14 1/2"—Side cleats
- Plywood**
- 1 pc.—3/4" x 16 1/2" x 17"—Shelf
- Hardware**
- 2 pcs.—3/4" x 10" x 2 1/4"—Sides & back

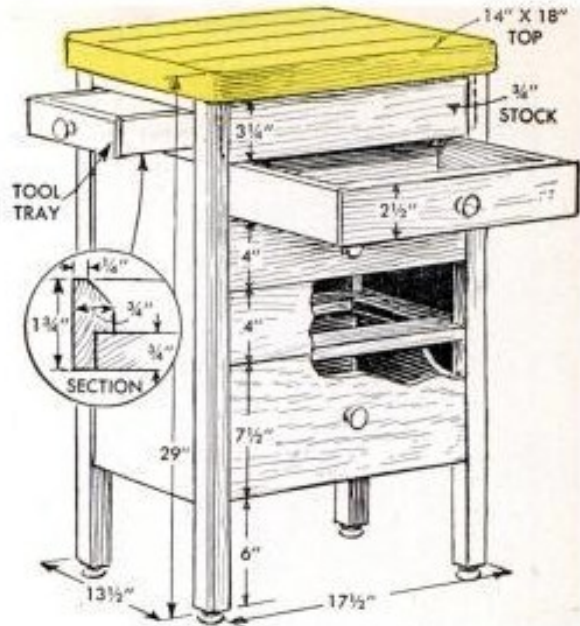
POPULAR MECHANICS

MATERIAL LIST

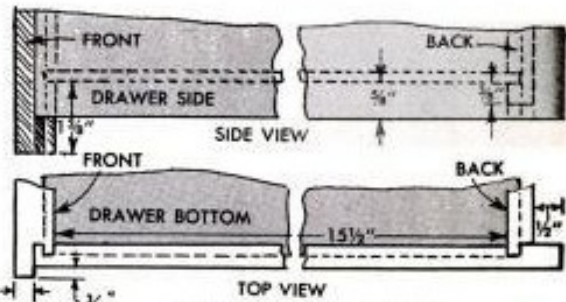
- Clear Lumber**
- 1 pc.—1 3/4" x 14" x 18"—Top (built-up)
 - 2 pcs.—3/4" x 2 3/4" x 12 3/4"—Tray side rails
 - 2 pcs.—3/4" x 2 1/4" x 12 3/4"—Tray side rails
 - 8 pcs.—3/4" x 2 1/4" x 12-3/16"—Side drawer rails
 - 4 pcs.—3/4" x 1 3/4" x 17"—Tray front & back rails
 - 8 pcs.—3/4" x 1 3/4" x 46 1/4"—Front & back drawer rails
 - 1 pc.—3/4" x 2 1/2" x 14 1/4"—Drawer front
 - 2 pcs.—3/4" x 4" x 14 1/4"—Drawer fronts
 - 1 pc.—3/4" x 7 1/2" x 14 1/4"—Drawer front
 - 1 pc.—1/2" x 11 3/4" x 13 1/2"—Drawer back
 - 2 pcs.—1/2" x 3 7/8" x 13 1/2"—Drawer backs
 - 1 pc.—1/2" x 4 1/8" x 13 1/2"—Drawer back
 - 2 pcs.—1/2" x 1 3/4" x 12 3/4"—Drawer sides
 - 4 pcs.—1/2" x 3 1/4" x 12 3/4"—Drawer sides
 - 2 pcs.—1/2" x 6 3/8" x 12 3/4"—Drawer sides
 - 2 pcs.—3/4" x 1 5/8" x 10 1/8"—Front & back tray sides
 - 2 pcs.—3/4" x 1 5/8" x 13 1/2"—Side tray sides
 - 1 pc.—3/4" x 3 1/4" x 15"—Front rail
 - 4 pcs.—1 5/8" x 1 5/8" x 27 1/4"—Posts
- Hardwood**
- 4 pcs.—3/8" x 1" x 12-3/16"—Drawer guides
 - 4 pcs.—7/16" x 2" x 11 1/2"—Drawer slides
 - 1 pc.—3/4" x 1" x 14 3/4"—Tray guide
- Hardboard**
- 4 pcs.—1/4" x 11 1/4" x 13 1/4"—Drawer bottoms
 - 1 pc.—1/4" x 15" x 21 1/4"—Back
 - 1 pc.—1/4" x 11" x 21 1/4"—Side
 - 1 pc.—1/4" x 11" x 17 1/4"—Side
- 4-1" dia. knobs
4-Adjustable glides
1-1/2" dia. knob with wood screw

MATERIAL LIST

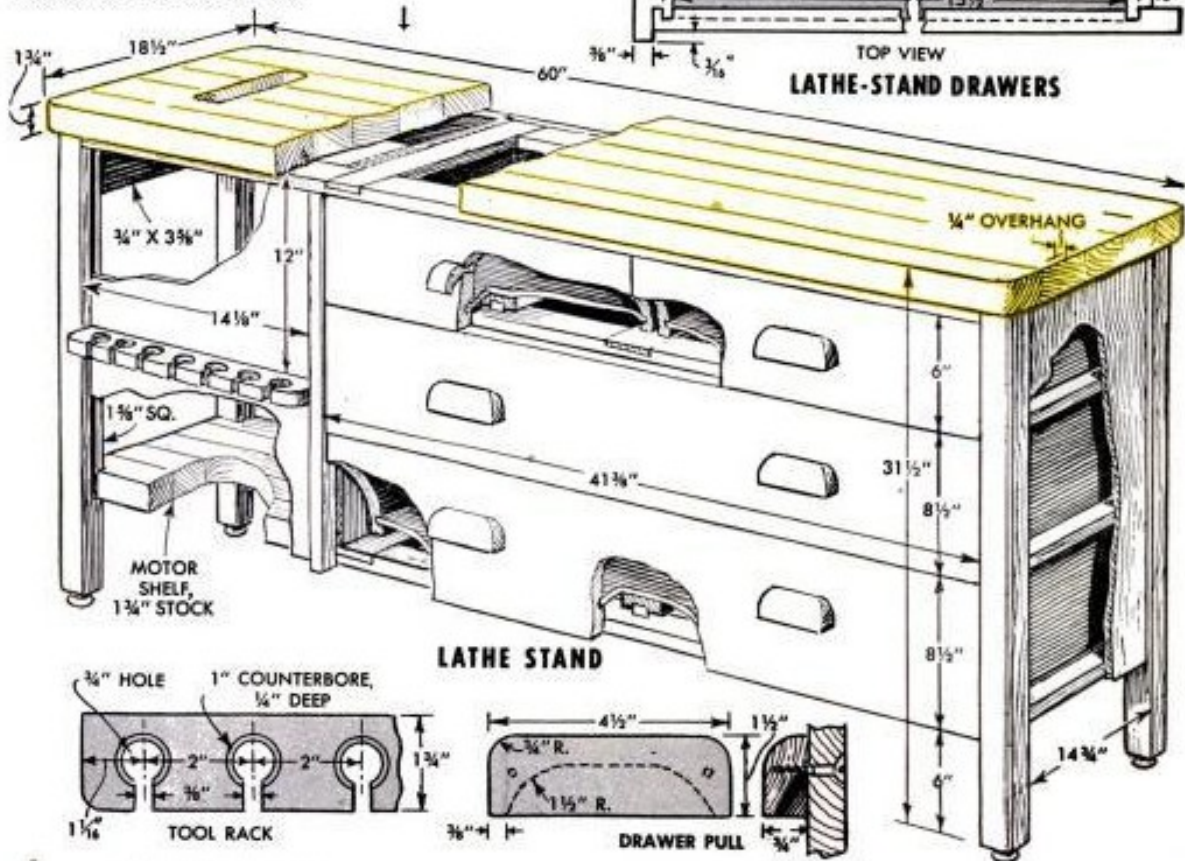
- Clear Lumber**
- 1 pc.—1 3/4" x 18 1/2" x 60"—Top
 - 1 pc.—1 3/4" x 1 5/8" x 16 3/4"—Motor shelf
 - 6 pcs.—3/4" x 1 3/4" x 20 3/4"—Posts
 - 6 pcs.—3/4" x 2 1/4" x 57 1/4"—Front & back rails
 - 2 pcs.—3/4" x 2 1/4" x 45 1/4"—Bottom front & back rails
 - 3 pcs.—3/4" x 2 3/4" x 16 3/4"—Side rails
 - 2 pcs.—3/4" x 1 3/4" x 16 3/4"—Side rails
 - 1 pc.—3/4" x 1 3/4" x 17 3/4"—Top side rail
 - 1 pc.—3/4" x 2 3/4" x 17 3/4"—Top side rail
 - 1 pc.—3/4" x 3 1/4" x 16 3/4"—Bottom side rail
 - 1 pc.—3/4" x 3 3/4" x 15 1/2"—End rail
 - 1 pc.—3/4" x 3 3/4" x 15 1/2"—Back rail
 - 1 pc.—3/4" x 1 1/4" x 14 1/4"—End top cleat
 - 1 pc.—3/4" x 1 1/4" x 14 1/4"—Back top cleat
 - 1 pc.—3/4" x 1 1/4" x 14 1/4"—Front hon cleat
 - 1 pc.—3/4" x 7 1/2" x 23"—Front facing strip
 - 2 pcs.—3/4" x 6" x 20-11/16"—Drawer fronts
 - 2 pcs.—3/4" x 8 1/2" x 41 3/4"—Drawer fronts
 - 2 pcs.—1/2" x 5" x 10-11/16"—Drawer backs
 - 4 pcs.—1/2" x 7 1/4" x 40 3/4"—Drawer backs
 - 4 pcs.—1/2" x 5 1/4" x 16 3/4"—Drawer sides
 - 4 pcs.—1/2" x 7 3/4" x 16 3/4"—Drawer sides
 - 1 pc.—3/4" x 2 3/4" x 16 3/4"—Center rail
 - 1 pc.—3/4" x 1 3/4" x 14 1/4"—Tool rack
- Hardwood**
- 4 pcs.—3/8" x 1 1/4" x 16 3/4"—Drawer guides
 - 4 pcs.—1/2" x 2 3/4" x 15 1/2"—Drawer slides
 - 6 pcs.—3/4" x 1 1/2" x 4 1/2"—Pulls
- Plywood**
- 1 pc.—3/4" x 18 3/4" x 23"—Side
 - 1 pc.—1/4" x 14 3/4" x 23 3/4"—Tool-rack panel
- Hardboard**
- 1 pc.—1/4" x 15 1/4" x 23 1/4"—Side
 - 2 pcs.—1/4" x 16" x 19-11/16"—Drawer bottoms
 - 2 pcs.—1/4" x 10" x 40 3/4"—Drawer bottoms
 - 1 pc.—1/4" x 23 3/4" x 42 1/2"—Back



DRILL-PRESS STAND



LATHE-STAND DRAWERS



LATHE STAND

