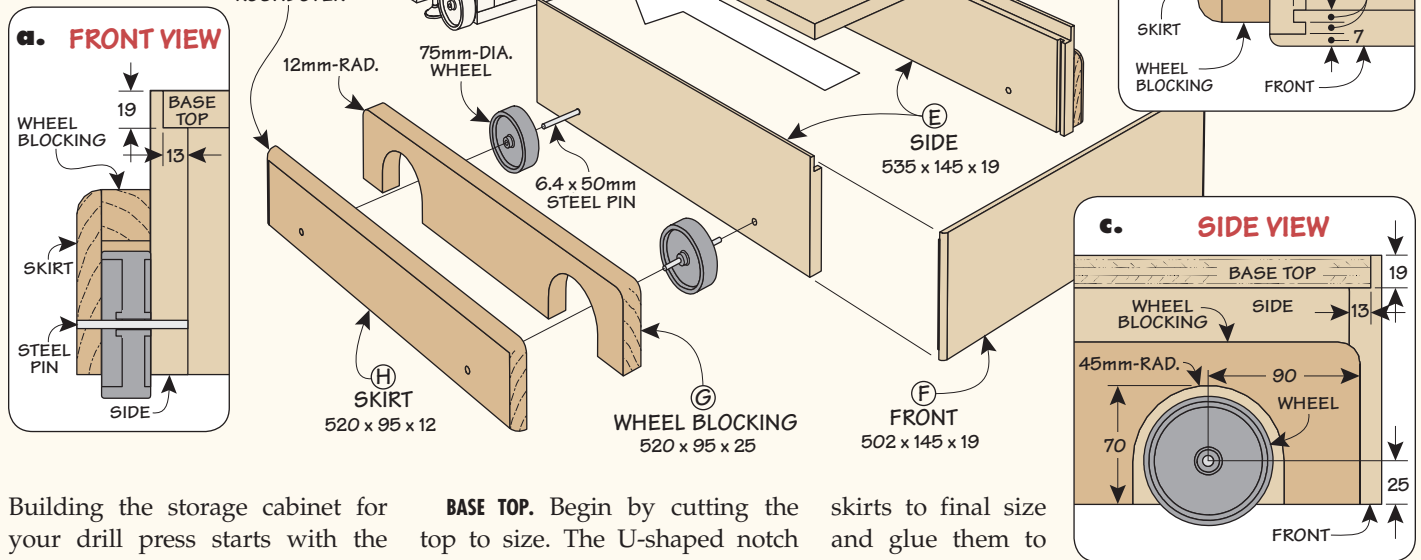


Storage cabinet BASE

NOTE: SEE
PHOTO PAGE 47



Building the storage cabinet for your drill press starts with the base. You'll find the construction pretty similar to the mobile base on the opposite page. It's basically a box with wheels that fits like a glove over the mobile base.

The details of the construction are shown in Figure 3 above. A three-sided box is built with a base top, two sides and a front. The wheels and blocking are sandwiched between outer skirts and the sides of the base. The wheels are attached with steel pins that serve as axles.

BASE TOP. Begin by cutting the top to size. The U-shaped notch that wraps around the column can be cut with a jig saw and sanded smooth.

SIDE ASSEMBLIES. In order to drill the holes for the steel axles easily and more accurately, I worked on the side assemblies next. This involves cutting the sides to size and rebating the top edge for attaching the base.

To make the wheel blocking, I used a hole saw to make the cut-out that surrounds the wheels. With that done, you can cut the

skirts to final size and glue them to the wheel blocking (Figure 3). After the glue dries, head to the router table to round over the edges with a 12mm radius, as shown in Figures 3 and 3a.

Glue this sub-assembly to the sides then drill the axle holes. The last piece to cut is the front. It's rebated along the top and ends to join with the top of the base and sides.

After assembling the base, you can install the wheels with steel pins epoxied in place.

Materials & Hardware

MOBILE BASE

| | |
|-----------------------------|---------------------|
| A Base (1) | 520 x 395 x 19 Ply. |
| B Cleat (2) | 520 x 76 x 31 |
| C Wheel Blocking (2) | 520 x 95 x 31 |

STORAGE CABINET

| | |
|--------------------------------------|---------------------|
| D Base Top (1) | 535 x 490 x 19 Ply. |
| E Sides (2) | 535 x 145 x 19 |
| F Front (1) | 502 x 145 x 19 |
| G Wheel Blocking (2) | 520 x 95 x 25 |
| H Skirts (2) | 520 x 95 x 12 |
| I Top/Bottom (2) | 490 x 325 x 19 Ply. |
| J Sides (2) | 533 x 325 x 19 Ply. |
| K Back (1) | 521 x 490 x 19 Ply. |
| L Sm. Drawer Sides (4) | 280 x 65 x 12 |
| M Sm. Drawer Frts./Backs (4) | 426 x 65 x 12 |
| N Sm. False Fronts (2) | 460 x 70 x 19 |
| O Med. Drawer Sides (2) | 280 x 125 x 12 |
| P Med. Drawer Frts./Backs (2) | 426 x 125 x 12 |

| | |
|--------------------------------------|-----------------------|
| Q Med. False Front (1) | 460 x 135 x 19 |
| R Large Drawer Sides (2) | 280 x 180 x 12 |
| S Lg. Drawer Fronts/Backs (2) | 426 x 180 x 12 |
| T Large False Front (1) | 460 x 200 x 19 |
| U Drawer Bottoms (4) | 426 x 168 x 5.5 Msnt. |
| V Tops/Bottoms (4) | 204 x 180 x 19 Ply. |
| W Sides (4) | 533 x 180 x 19 Ply. |
| X Backs (2) | 521 x 204 x 19 Ply. |
| Y Shelves (4) | 204 x 174 x 19 Ply. |
| Z Shelf Rails (4) | 178 x 32 x 10 |
| AA Cabinet Top (1) | 553 x 514 x 19 Ply. |

TABLE & FENCE

| | |
|--------------------------|-----------------------|
| BB Base (1) | 760 x 300 x 19 Ply. |
| CC Top (2) | 300 x 261 x 5.5 Msnt. |
| DD Insert (1) | 300 x 130 x 5.5 Msnt. |
| EE Fence (1) | 760 x 65 x 38 Ply. |
| FF Fence Face (1) | 760 x 65 x 5.5 Msnt. |

- (4) 75mm-dia Wheels
- (4) ¼" (6.4mm) x 50mm Lag Screws
- (10) 6.4mm Washers
- (6) ¼" Whit Star Knobs
- (4) ¼" Whit x 25mm dia. Levellers
- (4) ¼" Whit x 115mm Threaded Rod
- (4) ¼" Whit T-Nuts
- (10) 8g x 38mm c/s Woodscrews
- (4) 75mm-dia Wheels
- (4) 6.4mm x 65mm Steel Rod
- (4 pr.) 250mm Full-Ext. Drawer Slides w/Screws
- (16) 6g x 19mm c/s Woodscrews
- (22) 8g x 32mm c/s Woodscrews
- (4) Sash Pulls
- (2) ¼" Whit x 90mm Flange Bolts
- (4) ⅝" Whit or 8mm T-Nuts
- (4) 8mm Washers
- (4) ⅝" Whit or M8 Hex Bolts (to attach table)