

Roll Your Power Tools To Outdoor Jobs

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PS photos by W. W. Morris

WANT to build a garage, summer house, or maybe a dock at your summer cottage? Then take your power tools right along with you. Mount them on wheeled stands and you can use them anywhere within extension-cord reach of an electrical outlet.

Both the jointercart and the sawcart pictured here are so designed that all four legs clear the ground as soon as you raise the handles. They roll smoothly on the 10" semi-pneumatic wheels. Once you've pushed



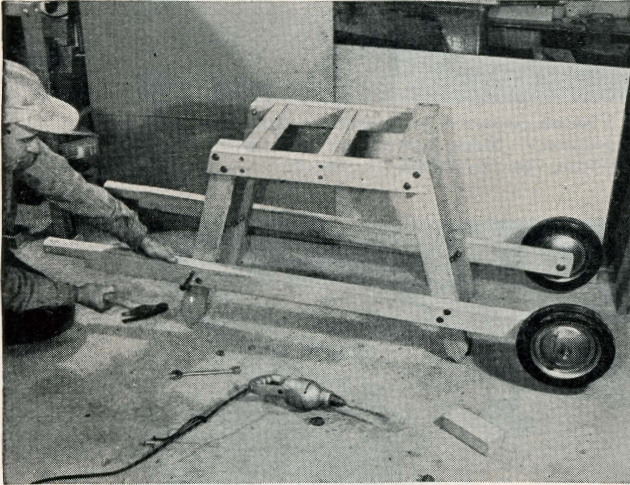
them to the job, the pointed legs set firmly in the ground to hold the tools steady as you work. And both the carts are heavy enough to be stable on a concrete floor or walk.

When you have finished a job outdoors, you can roll the carts back into your shop. Indoors you'll find your tools are more versatile on these carts than when mounted on permanent bases. That's especially true if the room that houses your shop is small. With the tools on wheels, you can move them around to handle longer work.

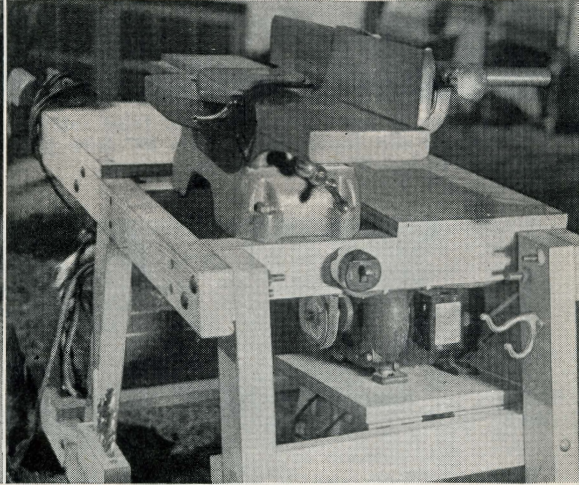
The dimensions of the frames depend on

your tools. The height you want the saw and jointer from the ground depends on your own preference. All the main frame members are 2" by 3", including the crosspieces to which the saw and jointer are bolted. The smaller crosspieces are $\frac{3}{4}$ " stock. Four-inch $\frac{3}{8}$ "-16 carriage bolts hold the frames together. The legs sit at 15° to the frame and the points are cut at 35°. Before the 15° cuts were made, the sawcart's legs measured 25" and the jointercart's 29".

Positioning the wheels is important if the legs are to clear the ground properly when



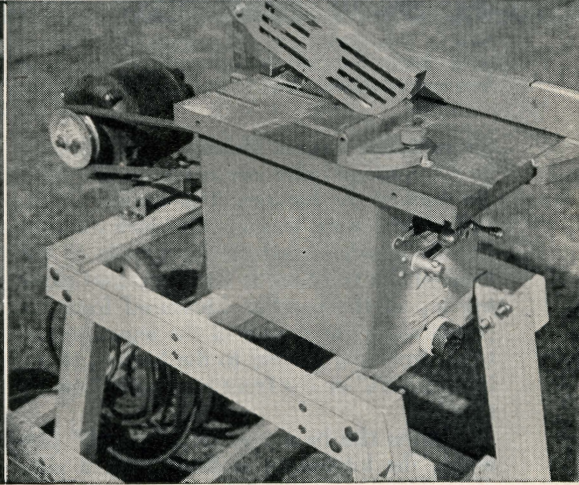
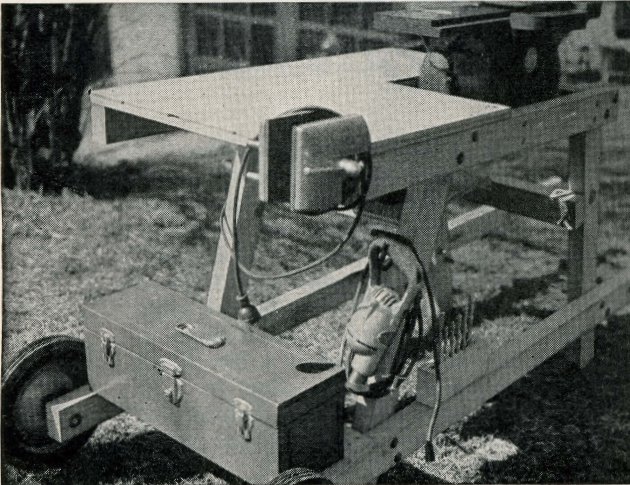
Details of sawcart construction are shown above. Crosspieces are held by wood screws $3\frac{1}{2}$ " long. Distance from grip to leg is 18".

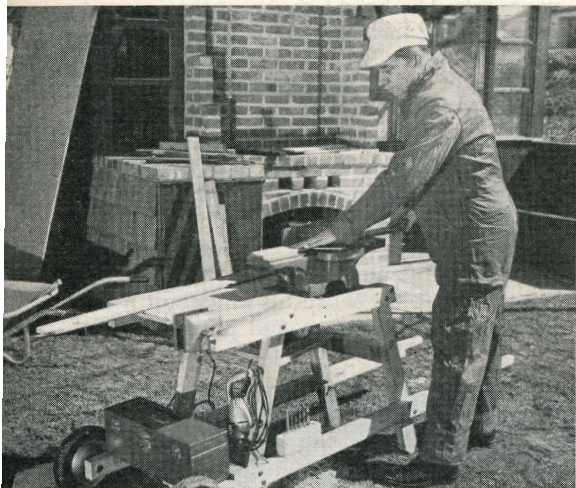


Motor of jointercart is bolted to $\frac{3}{4}$ " plywood base that's hinged to crosspiece. Motor is offset for balance. Hook is for extension cord.

View from front of jointercart shows accessories. Drill chuck fits in metal loop and handle fits over hook so drill can't fall off.

Circular saw is centered on and bolted to pair of 2" by 3" crosspieces. When cart is moved, miter gauge hangs on nail in right front leg. ▶





Jointer in use. Because infeed table extends beyond cart frame, handles are 26" from grip end to leg—8" longer than on sawcart.



Vise on corner of jointercart worktable is handy accessory. Since jointer isn't flush with side of frame, vise can handle long work.



Saw in use. Even on hard surface like concrete walk, both units are heavy enough, and have legs spaced sufficiently, to be completely stable.



Triple outlet on leg of jointercart saves trouble of disconnecting and connecting main extension cord when drill is used.

the carts are moved. Holes for the axles— $\frac{1}{2}$ " by 5" carriage bolts—are centered $1\frac{1}{4}$ " from the ends of the handles. The wheels are attached with nuts, washers, and lock washers. From the wheel end of the handle to the front of the front leg is 13" measured along the top of the handle. Measured from the points along the center of the legs, the distance from the ground to the bottom of the handle is $5\frac{3}{4}$ " on the front leg and $7\frac{1}{2}$ " on the rear leg.

Besides the handy worktable of $\frac{3}{4}$ " plywood, the jointercart is fitted with a vise,

electric drill, rack for bits, and a toolbox. To avoid running more than one extension line to the job and still have all the tools plugged in for instant use, a triple outlet is screwed to one side of the jointercart. With this outlet plugged into the extension cord, the saw and other tools can be hooked into the triple outlet. The motor of the jointer is offset to balance the cart and to allow a free space below the jointer for the chips to drop through. To avoid poor motor performance from voltage drop, use the huskiest extension cord you can get. END