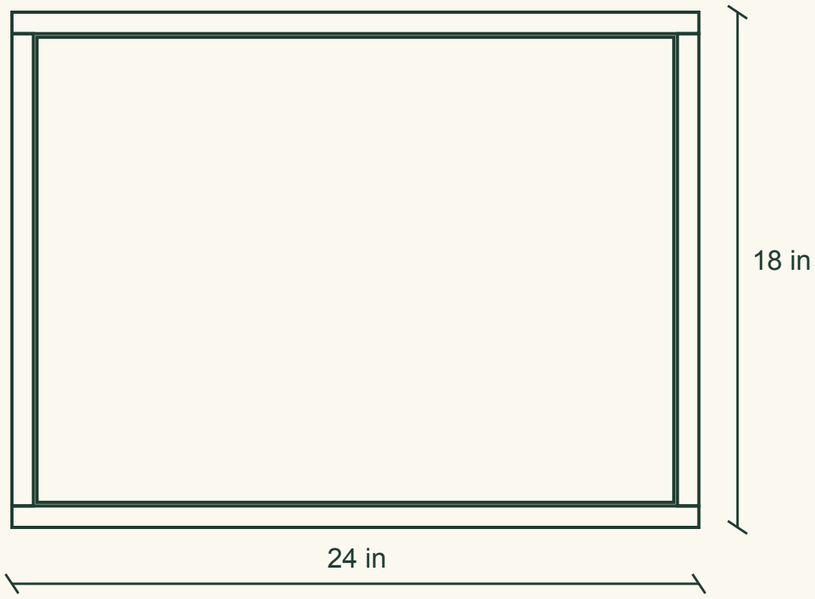
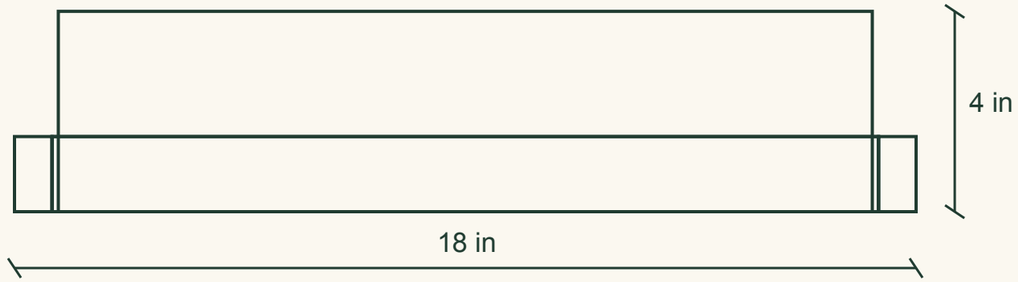
78 Build a Removable Potting-Bench Insert

01 / MEASURED VIEWS

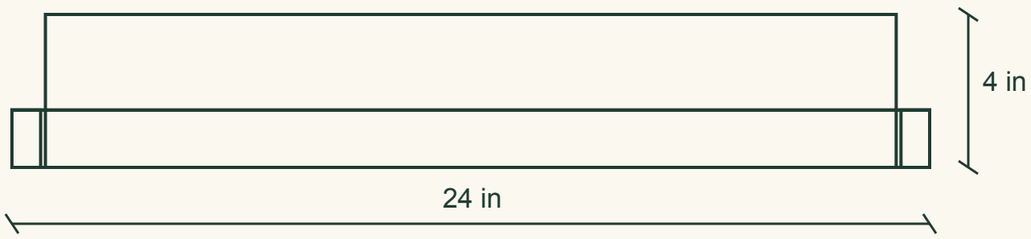
TOP



SIDE



FRONT



Origin is the front-left-bottom outside corner. X is width, Y is depth, Z is height; all written dimensions are inches.

The wood rails are measured. The purchased tub is an outline only; its rim, taper and walls vary by product and are not shown in 3D. Screws and thin pads are omitted. Their counts and positions are in steps 5 and 8. Build to the written sizes; do not trace the drawings.

78 Build a Removable Potting-Bench Insert

02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
L	2	Long cradle rail — 24 × 1.5 × 0.75 in
E	2	End cradle rail — 16.5 × 1.5 × 0.75 in
C	1	Removable potting tub — Maximum outside length 22.25 in; width 16.25 in; 4-in height shown only as an example

78 Build a Removable Potting-Bench Insert

03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

Eight #6 × 1.5-in screws: two through each long-rail end into its end rail. Lines are 0.375 in from each end, at 0.375 and 1.125 in above the bottom. A 0.75-in first rail leaves 0.75 in of screw in the end rail. Test pilots on matching scrap. Four thin pads: centers 2 and 22 in from the left end of each long rail, centered across its underside. No holes enter the tub or bench.

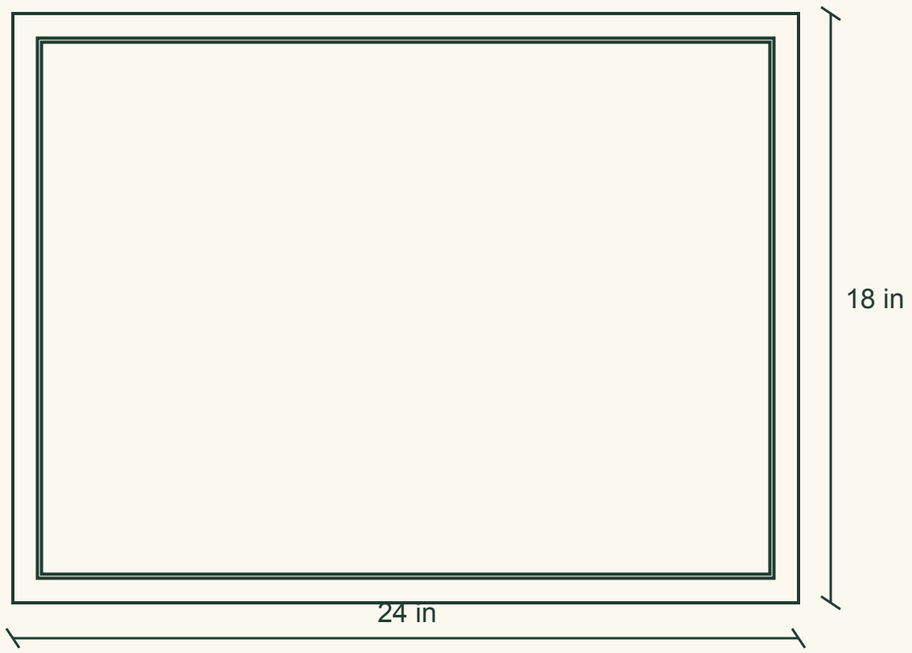
FIT AND LAYOUT CHECK

Outside wood frame 24 × 18 in; opening 22.5 × 16.5 in. The ENTIRE empty tub, including its rim and handles, must be no larger than 22.25 × 16.25 in: 1/8 in clearance per side when centered. Its flat floor sits directly on the bench. Pads are at most 1/16 in thick; they must not lift the tub by its rim.

LIMITS

No tested load rating is assigned. Use only for the stated garden task; never stand, sit or climb on this object.

FEATURE CHECK BEFORE ASSEMBLY

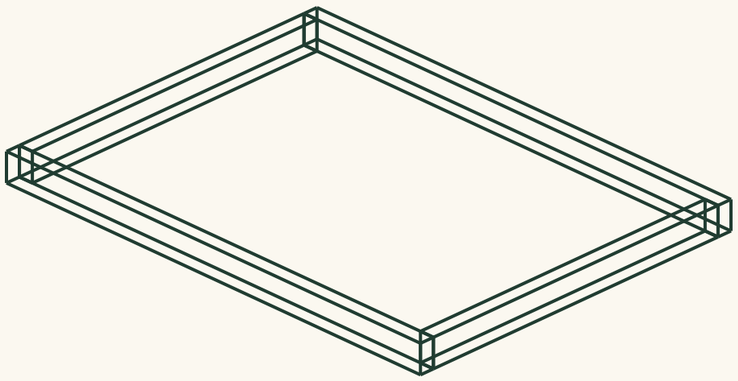


Plan view: 24 × 18-in wood frame; 22.5 × 16.5-in opening. Maximum tub including rim: 22.25 × 16.25 in, leaving 1/8 in per side. Tub outline is a size guide, not a product drawing. Pad centers are 2 and 22 in along both long rails, centered underneath.

78 Build a Removable Potting-Bench Insert

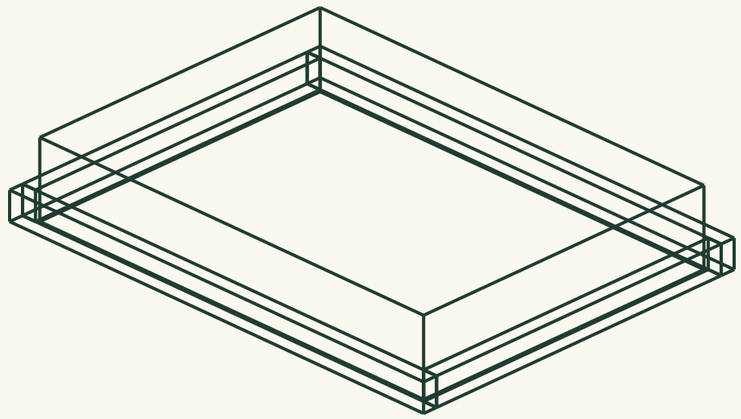
04 / ASSEMBLY STUDIES

STEP 4 / TEST THE OPENING



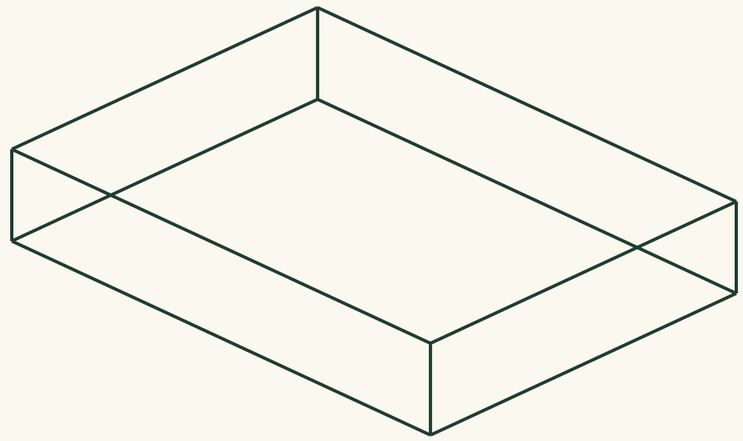
Test the real tub before fastening.

STEP 8 / VERIFY FLOOR SUPPORT



The bench supports the tub floor; no suspended rim load.

STEP 10 / LIFT OUT TO CLEAN



Empty before lifting and inspect the host bench underneath.

Original schematic studies show part relationships, not an operator or a photographed build. Use the numbered instructions for workholding, fastening and inspection.