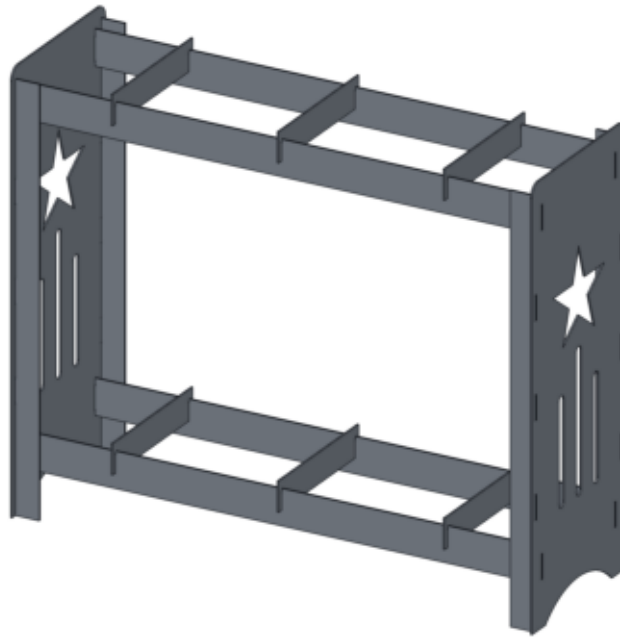


Lone Star Log Rack, 44 in



A 44-inch firewood rack you weld yourself, the matching piece to the Lone Star fire pit. Sixteen laser-cut 10 ga steel parts tab together so the rack squares itself up, and it holds about 10 cubic feet of 16 in firewood, close to a quarter face cord.

What's in the box



End panel x2
Part LR44-01



Post x4
Part LR44-02



Rail x4
Part LR44-03



Cross tie x6
Part LR44-04

What you'll need

- MIG or flux-core welder (a 120 V machine handles 10 ga)
- Angle grinder with a flap disc and wire wheel
- Four or more clamps
- Framing square and tape measure
- Rubber mallet and a flat file
- A helper for step 2 (optional)
- Welding helmet, gloves, jacket and safety glasses

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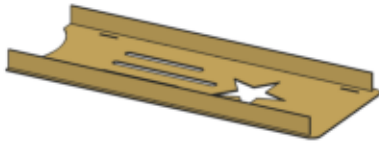
1

Build the first end

Lay an end panel outside face down on a flat surface. Drop a post into each row of three slots along the long edges, tabs down, so the posts stand straight up. Square each post to the panel and tack it at its tabs. Build the second end the same way and set it aside.

TIP

The post tabs are spaced unevenly, so a post only fits right side up.



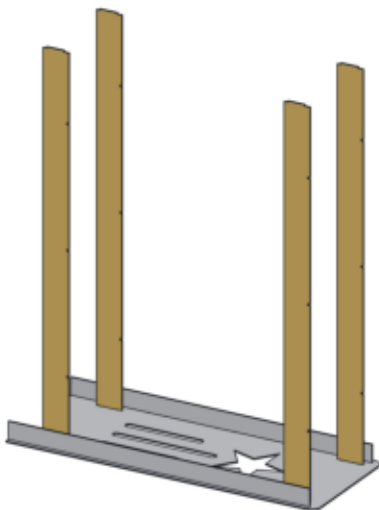
2

Stand the rails in the first end

With the first end still lying flat, push a rail's end tab into each of the four rail slots so all four rails stand straight up. The tabs sit off-center, so each rail only fits with its notched edge toward the star end of the panel. Tack each rail with one small tack inside.

TIP

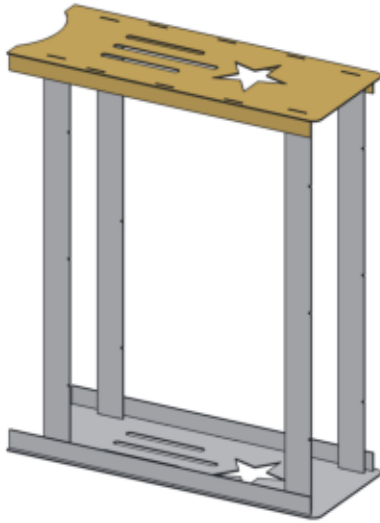
A helper holding the rails makes this easy; tacks work fine if you're on your own.



Lone Star Log Rack, 44 in

3

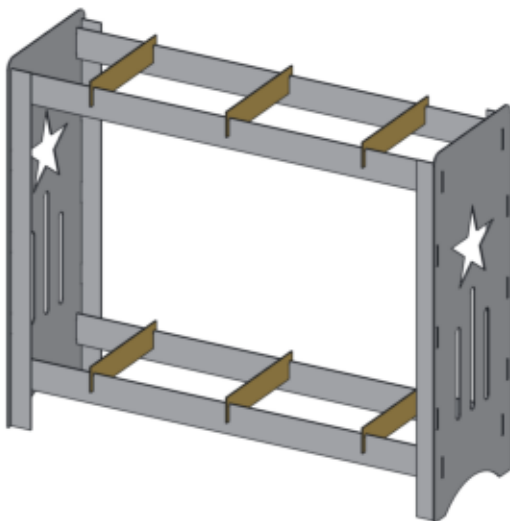
Drop on the second end



Lower the second end, posts pointing down, onto the tops of the four rails so each tab enters its slot. Tap the panel down evenly with a rubber mallet until it seats on the rail shoulders, then tack every rail tab.

4

Stand it up and set the ties



Tip the rack onto its legs. Drop three cross ties across the low rails and three across the high rails, slots down. Each tie straddles both rails and settles into the small notches in the rail tops.

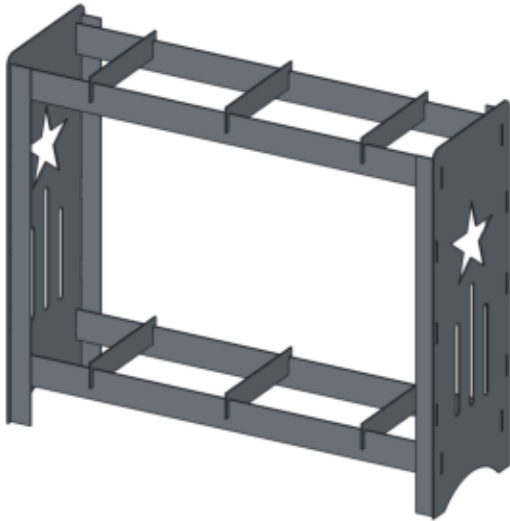
TIP

The three low ties are the floor the wood sits on; they hold it off the rails for airflow.

Lone Star Log Rack, 44 in

5

Square it and weld it out



Measure the diagonals across the front face and tap the rack until they match within 1/8 in. Weld the rail and post tabs from outside the end panels, then stitch each post to its panel inside. Tack or weld each tie to the rails. Grind the outside tabs flush if you like.

TIP

Stitch weld 1 in at a time and alternate ends so the long rails stay straight.

Lone Star Log Rack, 44 in

Finishing

- The parts ship bare with a light oil film. Wipe them down with a degreaser before welding.
- Grind off weld spatter, then sand or wire-wheel the surfaces you plan to paint.
- Use an exterior metal primer and enamel, or a rust-converting paint; high-heat paint isn't needed.
- Or skip paint and let it weather to a rust patina that matches a raw-steel fire pit.

Fire safety

- Set the rack on level, firm ground. Load it from the bottom up and keep the stack even so it can't tip.
- It isn't a ladder or a seat. Don't let kids climb it.
- Keep a loaded rack at least 10 ft from a fire pit, grill or chiminea.
- Stack firewood away from your house walls to keep insects out of the house.

This is a kit of raw steel parts. You build the finished product, and the quality of your welds and your judgment about where and how you use it are yours. Weld with proper ventilation and protective gear, and never leave a fire unattended.