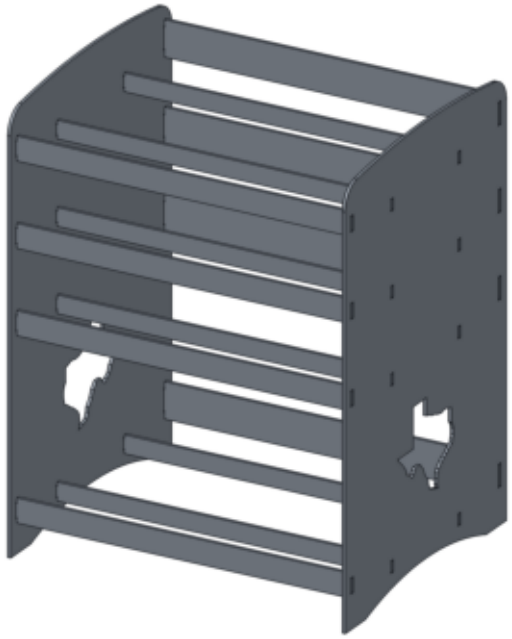
YOU SKETCH WE CUT

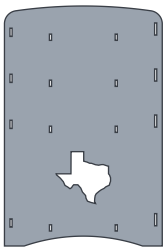
# Texas Cast Iron Rack, 14 in

Assembly guide

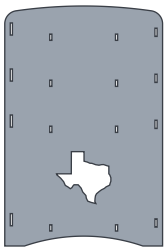


A four-tier rack for cast iron, 14 inches inside: a tall bottom bay for a Dutch oven with its lid and three tiers for skillets up to 12 in. Pans sit on 10 ga rails on edge that don't flex, behind a front lip that keeps them from sliding off. Eighteen laser-cut steel parts that tab together and weld from outside.

## What's in the box



**Side panel, right x1**
Part CI14-01



**Side panel, left x1**
Part CI14-02



**Support rail x8**
Part CI14-03



**Front lip x4**
Part CI14-04



**Back stop x4**
Part CI14-05

## What you'll need

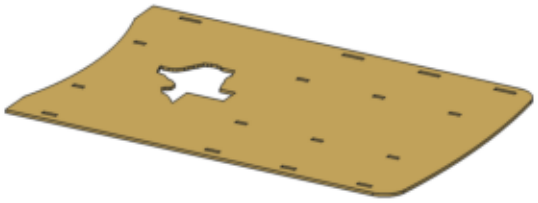
- MIG or flux-core welder (a 120 V machine handles 10 ga)
- Angle grinder with a flap disc
- Framing square, tape measure and a rubber mallet
- Welding helmet, gloves, jacket and safety glasses
- A helper for step 3 (optional)

# Texas Cast Iron Rack, 14 in



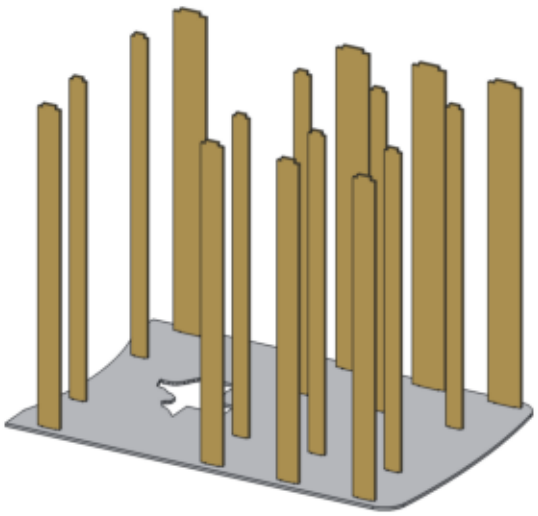
## 1 Lay down the first side panel

Lay the right side panel (CI14-01) outside face down on a flat bench (from above, the Texas outline reads backwards: that's the inside). Its slots run in four columns: the front lip's along the front edge, two for the supports, and the tallest slots, for the back stops, along the back edge.



## 2 Stand the rails in its slots

Stand every rail up in its slots, end tab down: the four back stops (tallest) in the back column, the four front lips in the front column, and the eight support rails in the two middle columns. Square each one to the panel and tack it with one small tack as you go.

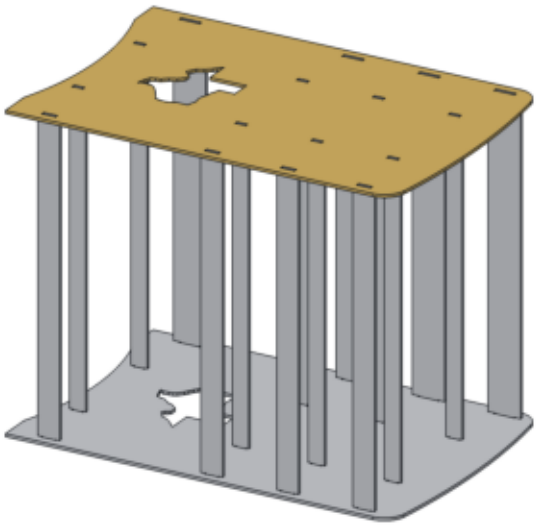


**TIP**

*Each column's slots are a different height, so a rail only fits its own column.*

*Tacking each rail as you stand it keeps them all parallel for the next step.*

## 3 Drop on the second side panel

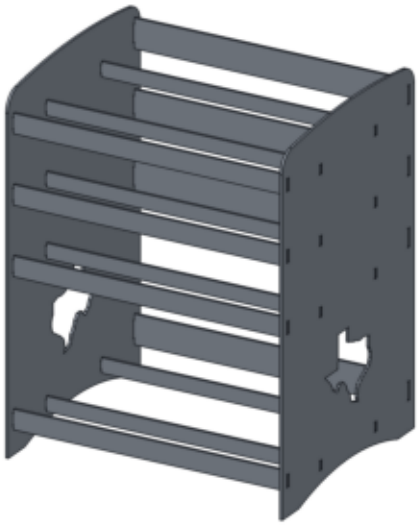


Lower the left side panel (CI14-02), outside face up, onto the rail ends so each tab enters its slot. Start at one corner and work across, tapping it down with a rubber mallet until it sits on every rail's shoulders. Tack every tab.

**TIP**

*A helper holding the panel level makes this much easier.*

## 4 Stand it up, square it and weld it out



Tip the rack onto its feet. Check it with a square and measure the front diagonals. Weld every tab from outside, alternating sides so it stays square, and grind the welds flush.

**TIP**

*The bottom bay is 6-3/4" tall for a Dutch oven with its lid; the skillet tiers have 2-3/4" clear.*

## Finishing

- The parts ship bare with a light oil film. Wipe them down with a degreaser before welding.
- Grind the welds flush and sand or wire-wheel the surfaces.
- Paint it with satin black enamel or clear-coat the bare steel. Let it cure fully before you load pans.
- Put felt or rubber pads under the feet on a stone or wood counter.

## Safety

- It holds about 60 lb of cast iron. Load the heaviest piece, the Dutch oven, in the bottom bay.
- Set it on a flat, solid counter or shelf. Let pans cool before you rack them.
- Lift pans straight out and in over the front lip; don't drag them across the rails.
- It isn't a step or a ladder.

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.