RETICLE RED TUTORIAL

Box Maker

Finger-jointed boxes for your laser, sized and kerf-corrected. Free in your browser.

Recorded on the live site · a dice box in 3 mm stock

reticle-red.com/box-maker

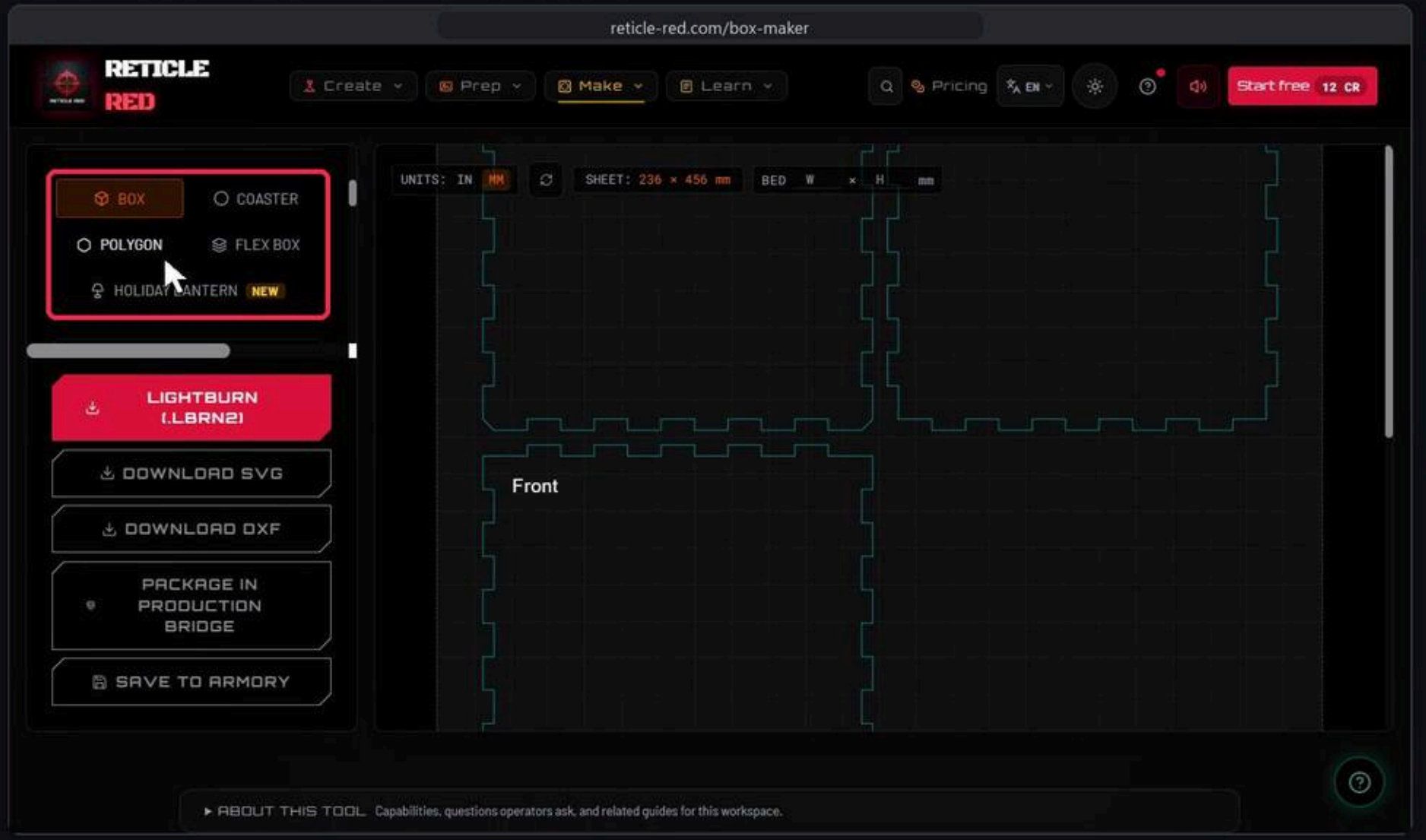
PART 1 OF 1

A finger-joint box

Size, stock, kerf, preview and export

RETICLE RED · BOX MAKER TUTORIAL

A finger-joint box — Size, stock, kerf, preview and export

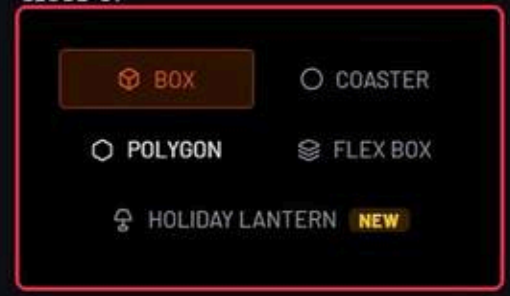


STEP 1 OF 10

Pick a generator

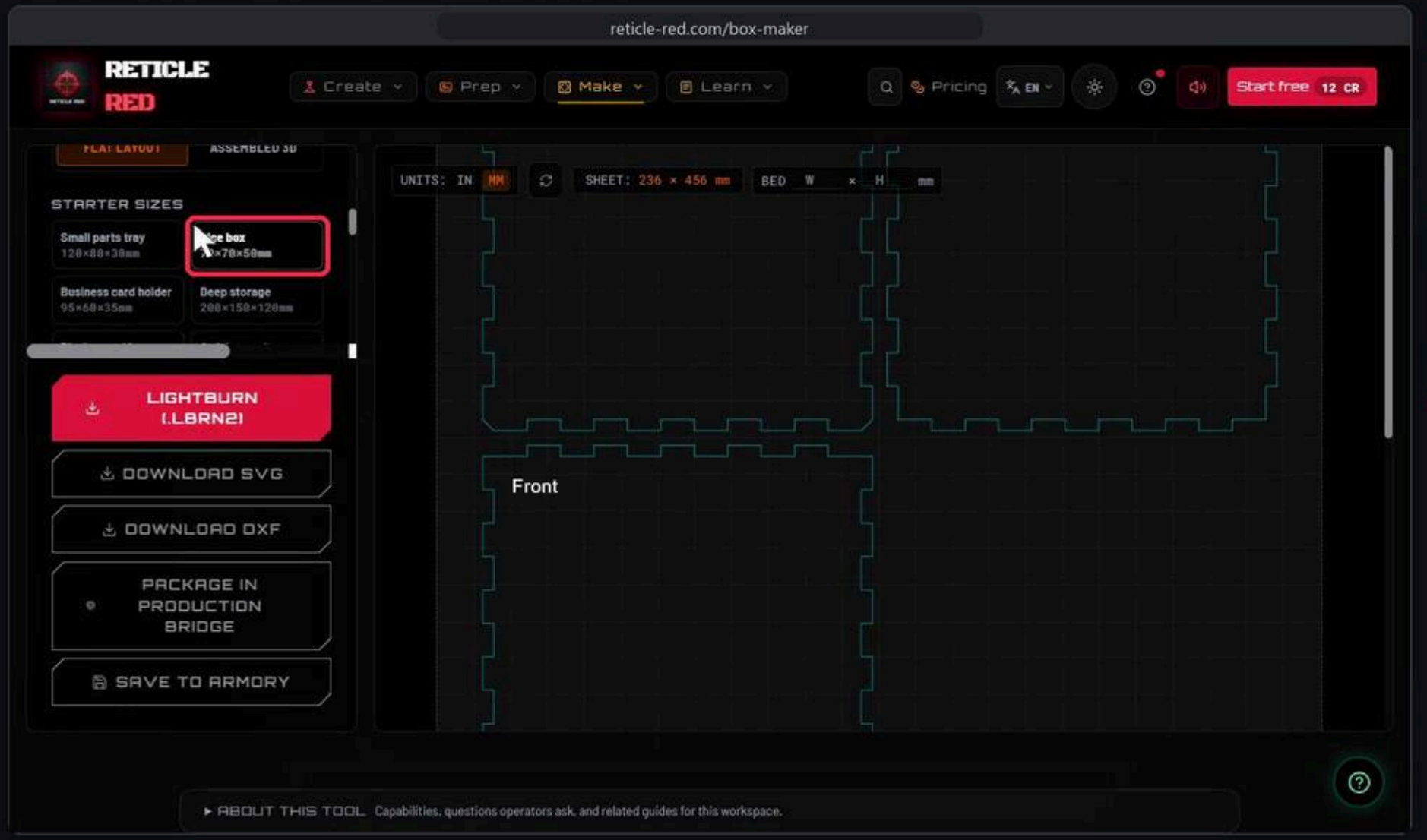
BOX · COASTER · POLYGON · FLEX BOX · HOLIDAY LANTERN

CLOSE-UP



RETICLE RED · BOX MAKER TUTORIAL

A finger-joint box — Size, stock, kerf, preview and export



STEP 2 OF 10

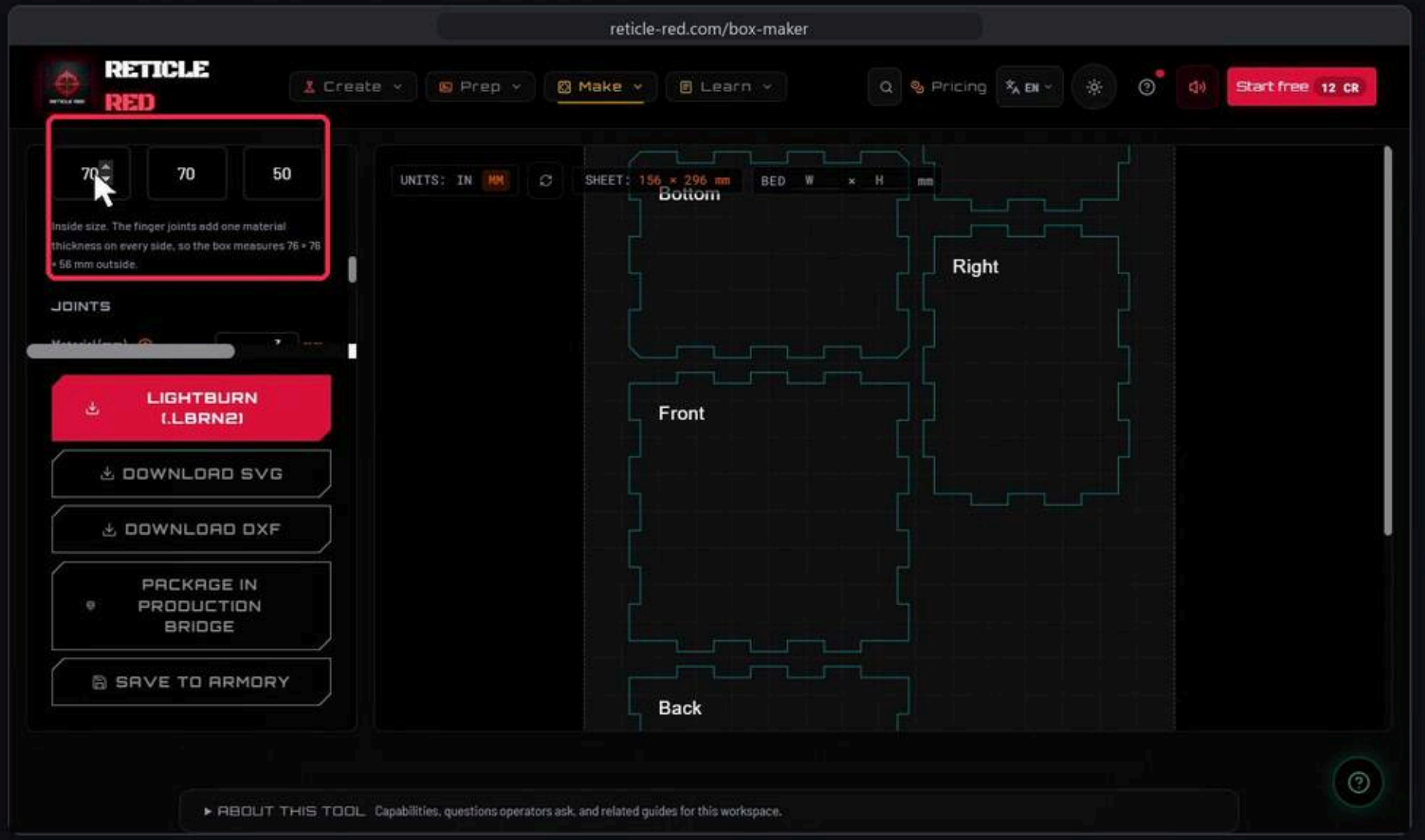
Starter sizes

Dice box: 70 × 70 × 50 mm.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



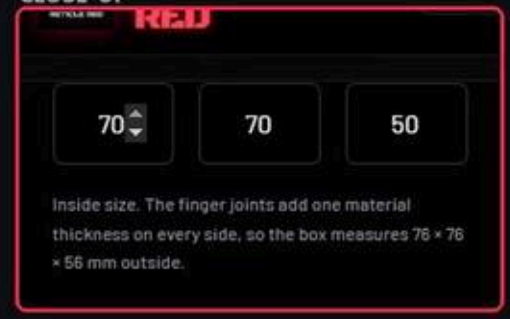
STEP 3 OF 10

Inside size

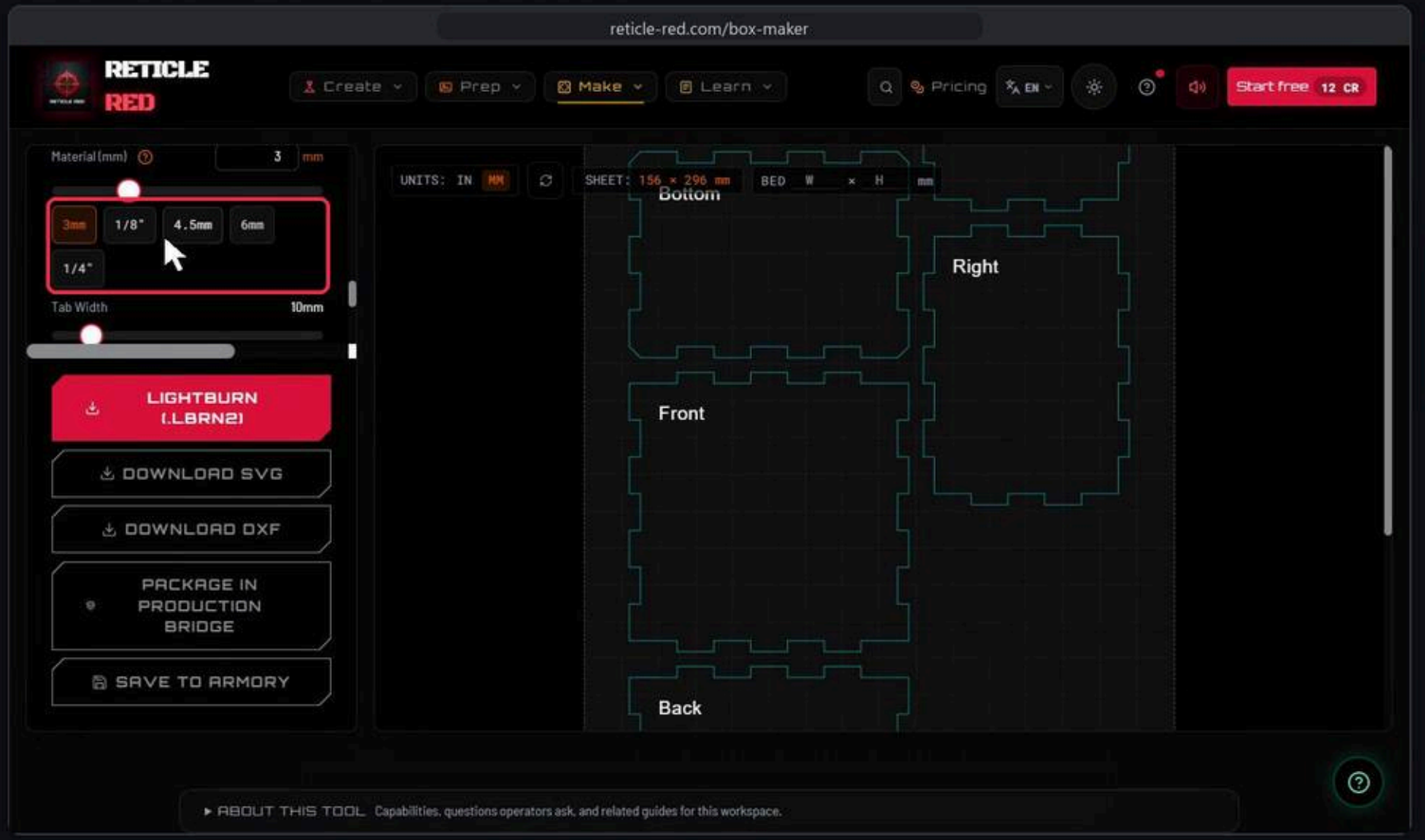
Width, height, depth = the inside of the box.

The note gives the outside size (+1 thickness per side).

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



STEP 4 OF 10

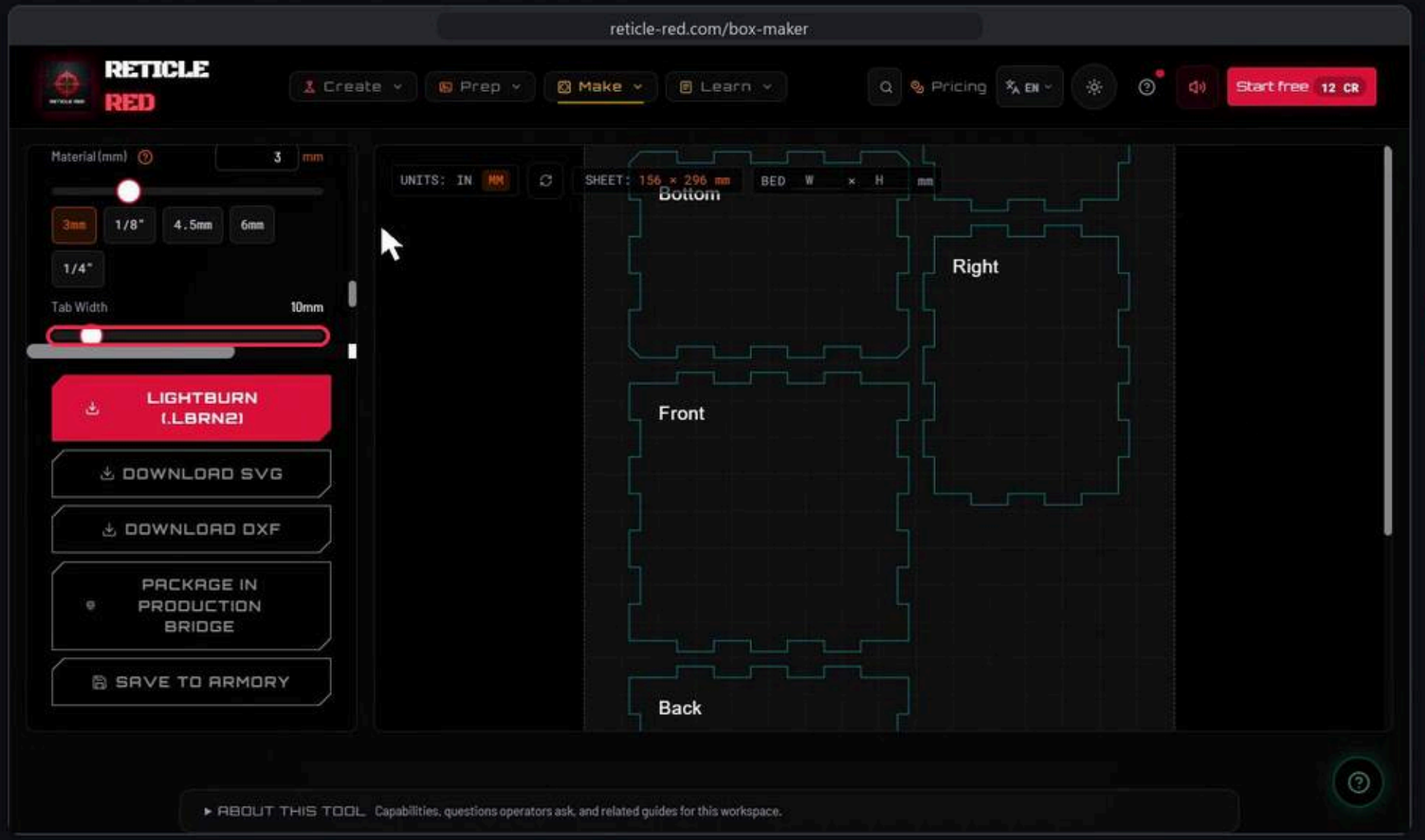
Material thickness

Type it, or tap a common stock size.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



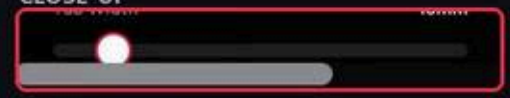
STEP 5 OF 10

Tab width and units

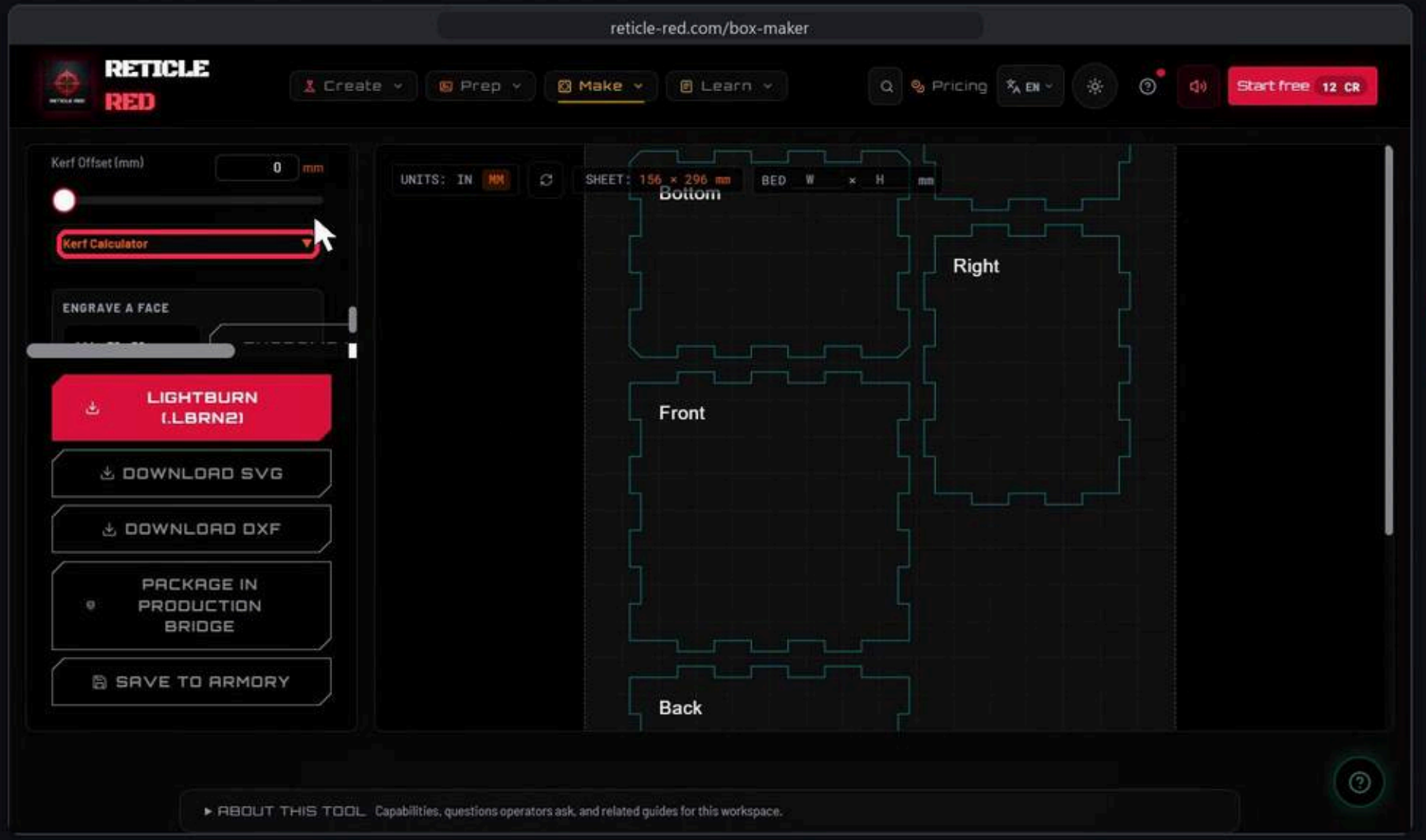
Tab Width = how wide each finger is.

UNITS switches mm and inches.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



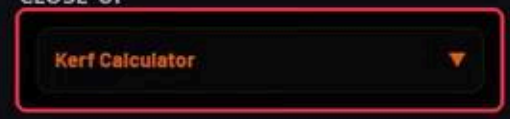
STEP 6 OF 10

Kerf Calculator

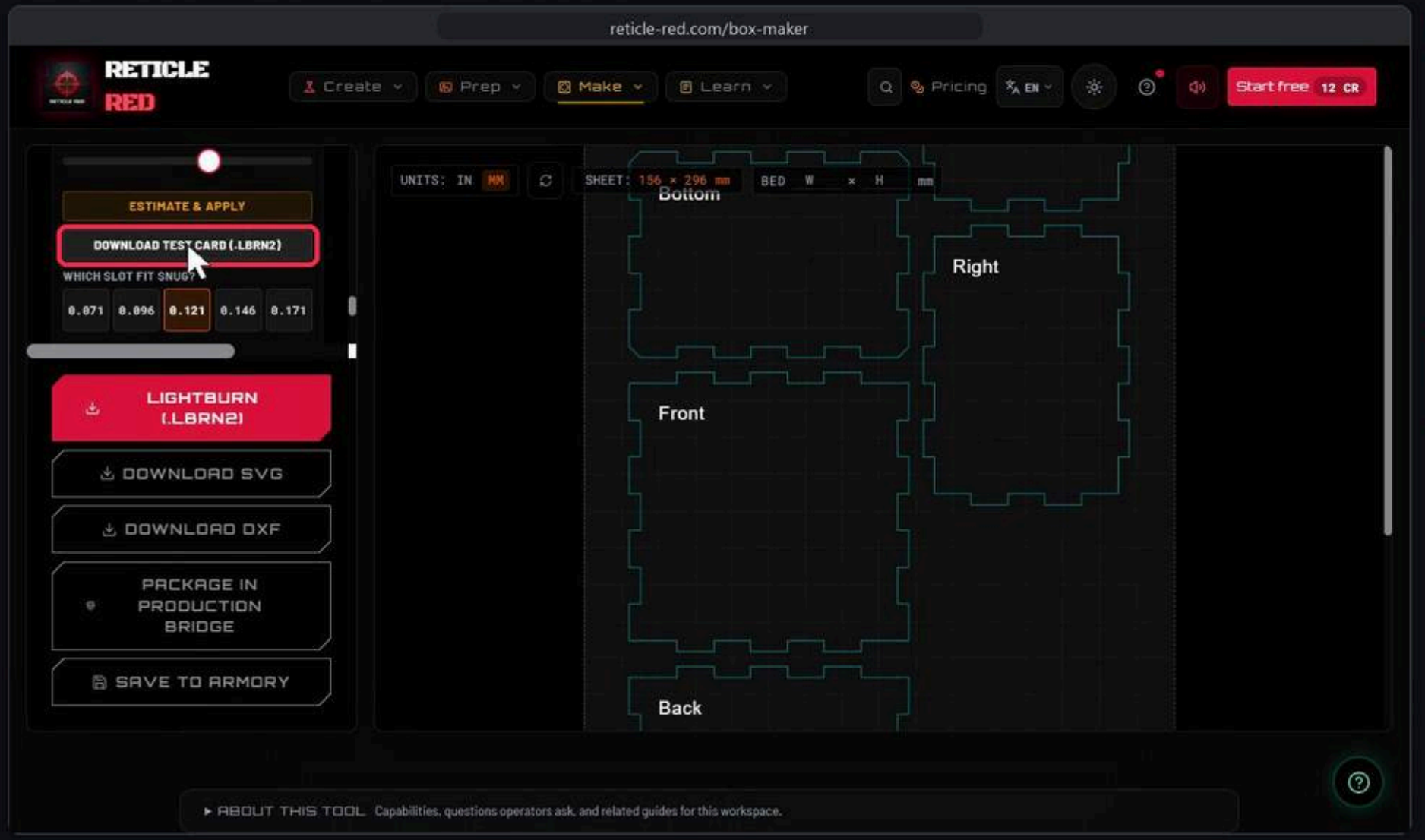
Material + laser source → ESTIMATE & APPLY.

Fills in the full kerf (no credits).

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



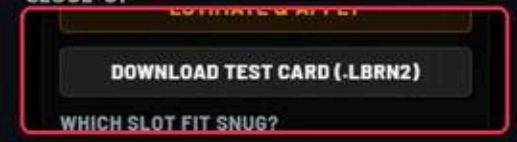
STEP 7 OF 10

Test card

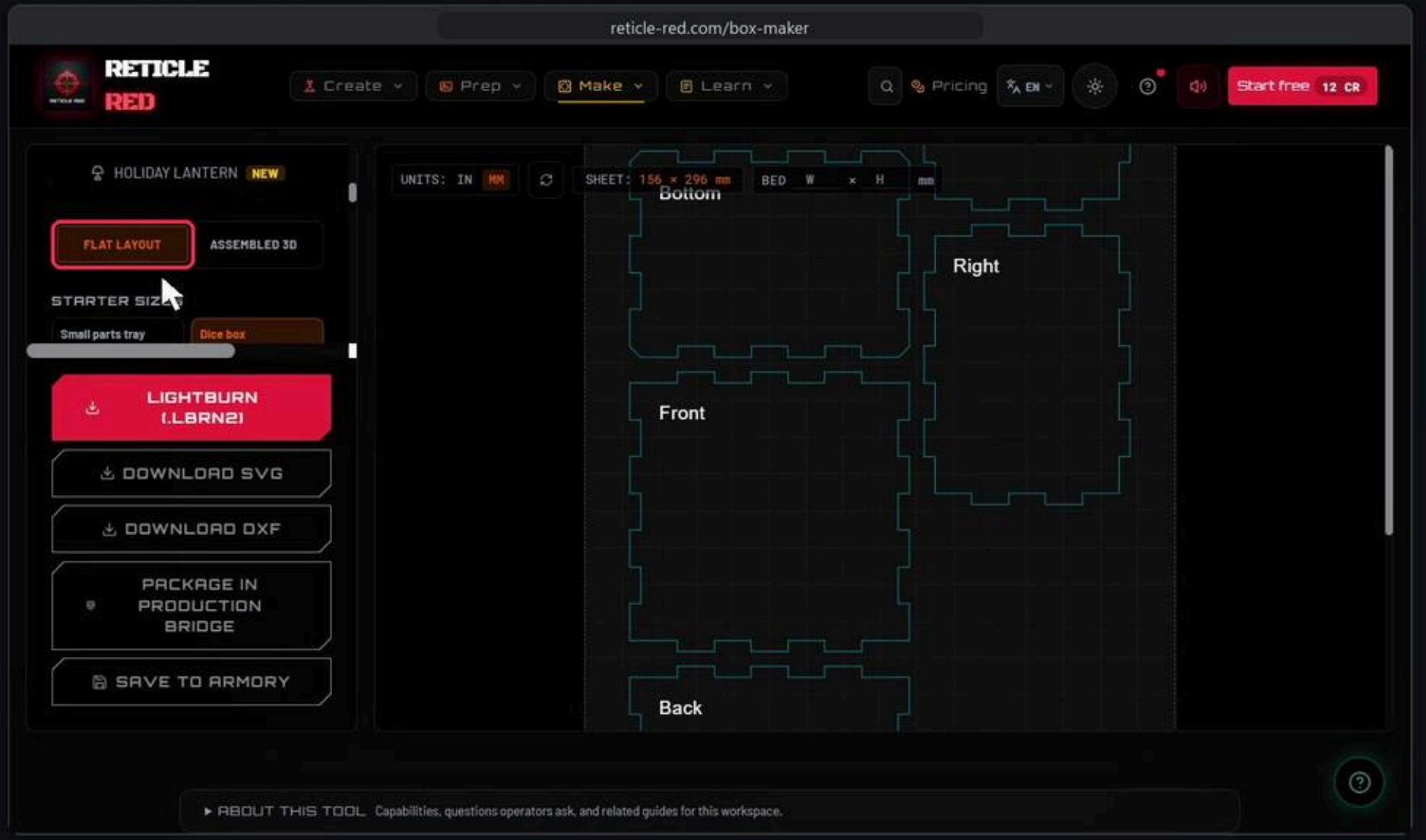
DOWNLOAD TEST CARD burns test slots.

Tap the number under the slot that fit snug.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



STEP 8 OF 10

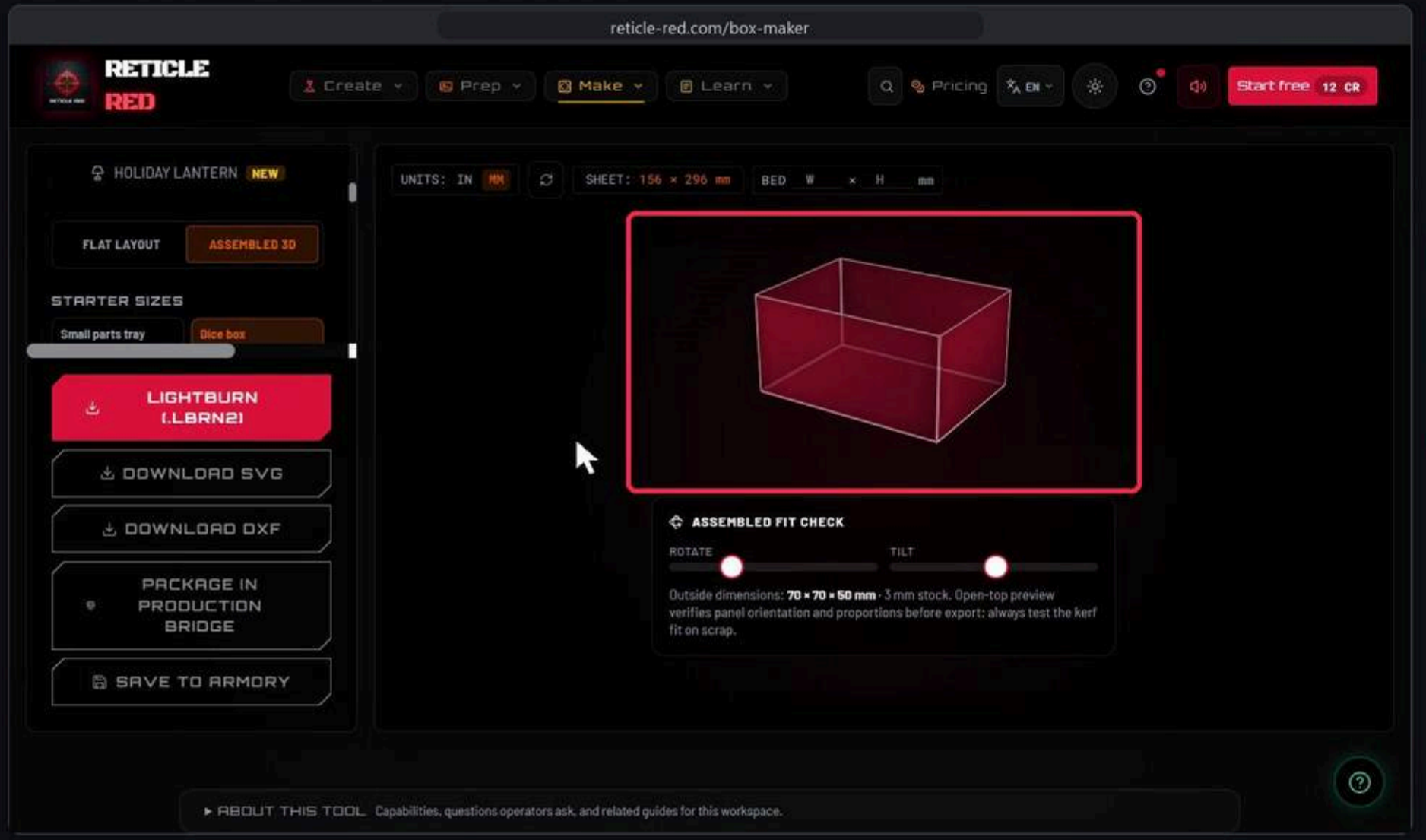
Flat layout

Every panel on the sheet; the sheet size up top.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export

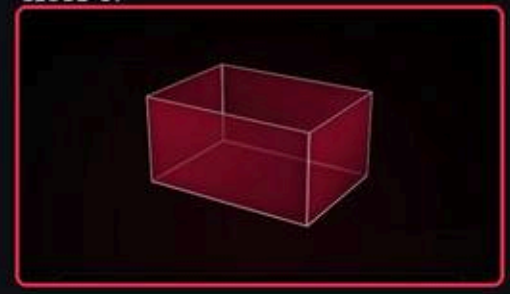


STEP 9 OF 10

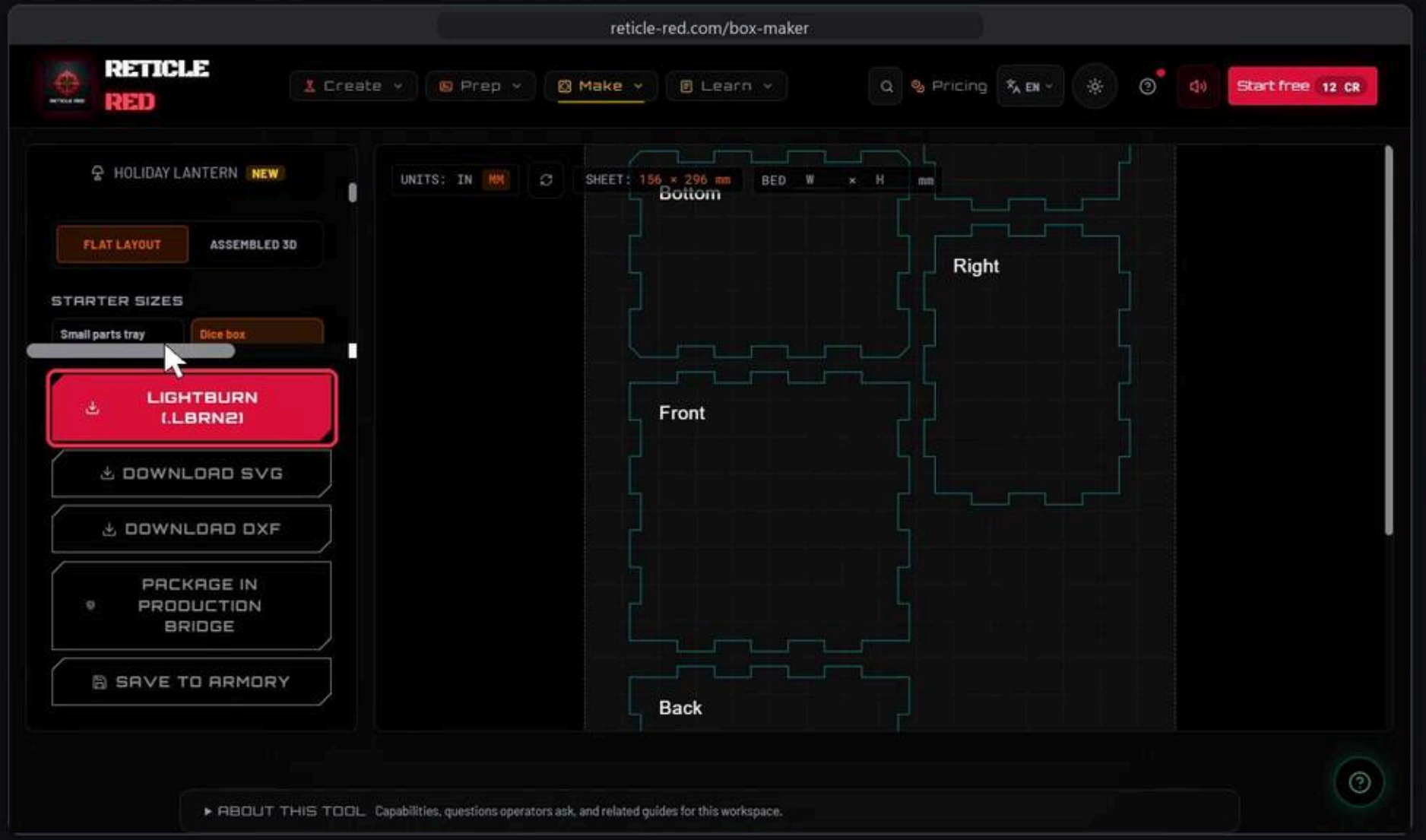
Assembled 3D

Rotate and tilt to check the panels before you cut.

CLOSE-UP



A finger-joint box — Size, stock, kerf, preview and export



STEP 10 OF 10

Export

LIGHTBURN (.LBRN2) · DOWNLOAD SVG · DOWNLOAD DXF

SVG in mm at the sheet size; DXF in mm.

CLOSE-UP



Your box, ready to cut

Make → Box Maker

Free in your browser, no account needed.

More tutorials: reticle-red.com/tutorials

Narration: AI voice (ElevenLabs). Screens: the real reticle-red.com.