

3 x 3 Cardholder Stand - Dimensions and Cut Sheet

Six pocket countertop display for 3 in x 3 in cards

Build Summary

Correct construction model: The stand has three columns across and two rows deep. There is no oak divider between the front and back rows. The two rows are created by six overlapping angled poplar ramp pieces, one front ramp and one rear ramp in each column.

Dimension / Feature	Specification
Overall width	10 3/8 in
Overall depth	6 1/4 in
Overall height	3 in
Pocket opening width	3 1/8 in
Card size	3 in x 3 in
Columns x rows	3 columns x 2 rows
Oak thickness	1/4 in
Poplar thickness	1/2 in
Front ramp length	2 7/8 in
Rear ramp length	3 7/8 in
Ramp overlap	about 1 in
Ramp drop/lip	1/2 in below top rim

Dimension Logic

- Width: $1/4 + 3 \ 1/8 + 1/4 + 3 \ 1/8 + 1/4 + 3 \ 1/8 + 1/4 = 10 \ 3/8$ in.
- Internal depth: $2 \ 7/8$ front ramp + $3 \ 7/8$ rear ramp - 1 in overlap = $5 \ 3/4$ in.
- Overall depth: $1/4$ front wall + $5 \ 3/4$ internal depth + $1/4$ back wall = $6 \ 1/4$ in.
- Front ramp angle from $1/2$ in drop over $2 \ 7/8$ in run is approximately 9.9 degrees.
- Rear ramp angle from $1/2$ in drop over $3 \ 7/8$ in run is approximately 7.4 degrees. Build from the $1/2$ in lip and flush high edge rather than chasing an exact angle.

Materials

Material	Size / Type	Use
Finished red oak	1/4 in thick x 3 in tall stock	Outer frame and column dividers; stain after sanding or prefinish before assembly.
Poplar	1/2 in thick stock ripped to 3 1/8 in wide	Six angled ramp bottoms; hidden functional support pieces.
Short finish nails or brads	Short enough not to blow through visible faces	Fasten overlapped poplar ramps and reinforce glued joints.
Wood glue	Interior/exterior appropriate as desired	Frame assembly and poplar ramp installation.
Stain / finish	Builder preference	Match finished red oak appearance.

Cut Sheet

Part	Qty	Material	Stock	Length	Notes
Front rail	1	Red oak	1/4 in x 3 in	10 3/8 in	45 degree miter both ends
Back rail	1	Red oak	1/4 in x 3 in	10 3/8 in	45 degree miter both ends
Side rail	2	Red oak	1/4 in x 3 in	6 1/4 in	45 degree miter both ends

Cardholder dimensions based on builder supplied measurements. Dry fit before final assembly.

Column divider	2	Red oak	1/4 in x 3 in	about 5 3/4 in	Runs front to back between front and back rails; no row divider
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Part	Qty	Material	Stock	Length	Notes
Front ramp bottom	3	Poplar	1/2 in thick x 3 1/8 in wide	2 7/8 in	High/back edge flush with top rim; low/front edge 1/2 in below top rim
Rear ramp bottom	3	Poplar	1/2 in thick x 3 1/8 in wide	3 7/8 in	High/back edge flush with top rim; front end tucks about 1 in under front ramp

Assembly Notes

1. Build the outer oak box first with mitered front, back, and side corners. The finished outside footprint is 10 3/8 in wide by 6 1/4 in deep by 3 in tall.
2. Install the two front to back column dividers. They create three 3 1/8 in wide pocket openings. They are about 1/2 in shorter than the outside side pieces because they fit between the 1/4 in front and back rails.
3. For each column, install the rear poplar ramp first: set the back/high edge flush with the top rim and let the front/low end slope down toward the front.
4. Install the front poplar ramp next: set its back/high edge flush with the top rim and let its front/low edge sit 1/2 in below the top rim. Overlap it over the rear ramp by about 1 in.
5. Fasten the ramp overlap with short finish nails or brads and glue. Confirm the nails will not protrude through visible faces.
6. Dry fit with actual 3 in x 3 in cards before final glue and stain. The low lip should hold the card while leaving the card easy to pull out.

Critical Blueprint Notes

- Do not draw or build a center row divider between the front and back pockets.
- Show the side section as two overlapping angled poplar ramps in each column.
- Use the 1/2 in lip depth and flush high edge as the controlling geometry.
- Show only two internal oak column dividers running front to back.