

- Extremely sturdy
- Inexpensive
- Requires no specialty tools
- Comfortable
- Takes up less space



Shopping List	Cut List
MATERIALS	2 - 2x4 @ 20 3/4" long with both ends cut parallel
3 - 2x4 @ 8 feet long	at 15 degrees off square (back legs)
1 - 2x2 @ 6 feet long	2 - 2x4 @ 20" (front legs)
4 - 1x4 @ 8 feet long	2 - 2x2 @ 26 1/2" long, longest point
2 1/2", 2" and 1 1/4" exterior screws	measurement, one end cut at 15 degrees off
Wood glue suitable for oily wood and exterior	square (arm support)
projects	2 - 2x4 @ 31 7/8" long, one end cut at 35 degrees
	off square to longest point, other end cut at 20
TOOLS	degrees off square to shortest point - see step 1
Compound Miter Saw	(stringers)
Measuring Tape	2 - 2x4 @ 22 1/2" (front apron and back support)
Speed Square	5 - 1x4 @ 22 1/2" (seat slats)
Jigsaw	5 - 1x4 @ 36" (back slats)
Drill	1 - 1x4 @ 19 1/2" (back top support)
Countersink Bit	1 - 2x4 @ 19 1/2" (back base support)
Clamps	2 - 1x4 @ 27" (arm rests)

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Step 1: From stretcher board, cut off top portion by marking with a square and cutting off with a jigsaw. Do this on both stretcher boards.



Step 2: Attach one back leg and one front leg to a arm support with 2 1/2'' exterior screws. Keep the top and outside edges flush.

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Step 3: Mark front leg on inside with arm support on outside, as shown in diagram. Leave $1 \frac{1}{2}$ space in front of stretcher. Attach stretcher to front and back legs with $2 \frac{1}{2}$ exterior screws and glue.



Step 4: Build opposite side of chair in mirror, with arm supports to outside and stretcher to inside. Make sure the two match up.



Step 5: Front Apron is attached to fronts of stretcher and from outside of chair for additional support.

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Step 6: Begin at the front of the chair and attach seat slats to stretcher with $2^{\prime\prime}$ screws and glue. Leave a $1/2^{\prime\prime}$ gap between seat slats.



Step 7: Attach back support to back legs with 2 1/2" exterior screws, matching up measurements in diagrams.



Step 8: Build back by attaching all back boards to seat back base support, leaving approximately 1/2'' gap in between. Then attach at top with 1 1/4'' screws. Cut arch shape on back top using a large round object to guide you.



Step 9: Place back inside chair and secure in place with 2 1/2'' exterior screws. Also screw back to back support with 2'' exterior screws.



Step 10: Secure armrests to arm supports and tops of les with screws and glue.