

Lazy Bench

PROJECT PLAN

YellaWood
Pressure Treated Pine



Add refreshment to your relaxation with the flick of a wrist.

The noble bench is used for a number of activities. Some people use them to sit on, some to stretch out for a nap, and others to share a cozy conversation. Oftentimes, relaxing goes hand in hand with refreshment, and this project was designed with that in mind.

Instead of requiring side tables on which to rest your drink, this piece of furniture includes a pull-down drink tray complete with two cup holders.

When not in use, simply place the tray vertically and you have room for a third companion...human or canine.

BUILD TIME

5
HRS

DIFFICULTY



COST



Lazy Bench

IMPORTANT REMINDERS

Read instructions to familiarize yourself with the entire process before beginning.

Always double-check measurements before making cuts — Great Southern Wood is not responsible for incorrect cuts.

Select and use the best faces of boards on the outside of assemblies.

Pre-drill holes before attaching screws. Set $\frac{1}{8}$ " drill bit inside combination countersink bit to appropriate depth for each screw length called for.

Wood glue is optional. If you choose to use it, apply to surfaces before attaching parts, and be sure to wipe up excess with a damp cloth.

Check BuildYella.com for updates to plans and to view the video of this project.

Because wood stock can vary, dry-fit sub-assemblies as needed to ensure dependent parts align. Make any adjustments needed to part dimensions before final assembly.

The cut list is based on the following actual dimensions for KDAT board stock:

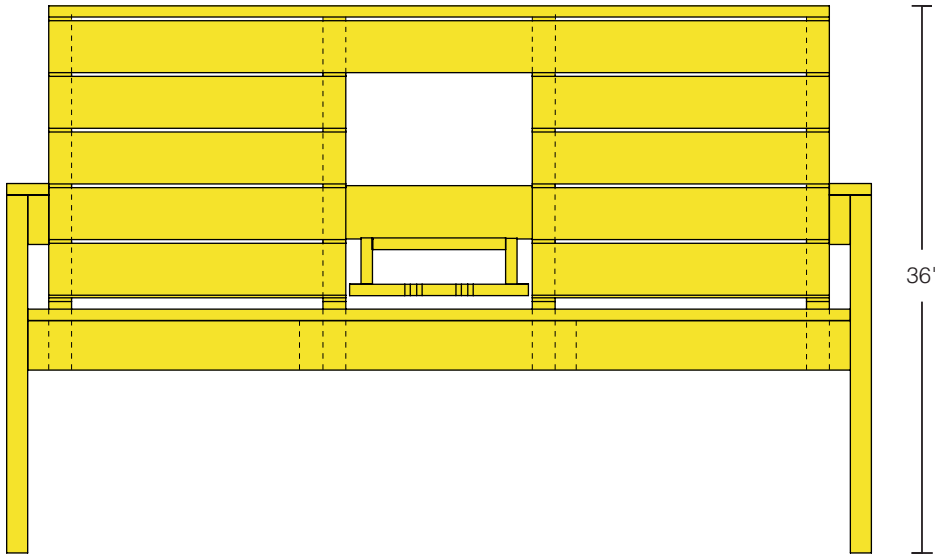
1x2	$\frac{3}{4}$ " x $1\frac{1}{2}$ "
1x4	$\frac{3}{4}$ " x $3\frac{1}{2}$ "
1x6	$\frac{3}{4}$ " x $5\frac{1}{2}$ "
1x8	$\frac{3}{4}$ " x $7\frac{1}{4}$ "
$\frac{5}{4}$x6	$\frac{7}{8}$ " x $5\frac{1}{4}$ "
2x2	$1\frac{1}{2}$ " x $1\frac{1}{2}$ "
2x4	$1\frac{3}{8}$ " x $3\frac{1}{4}$ "
2x6	$1\frac{3}{8}$ " x $5\frac{1}{4}$ "
2x10	$1\frac{1}{2}$ " x $9\frac{1}{8}$ "
4x4	$3\frac{1}{4}$ " x $3\frac{1}{4}$ "

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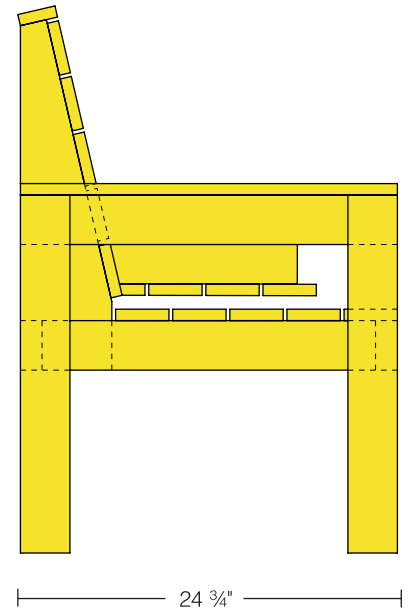
OVERALL SIZE

YellaWood
Pressure Treated Pine

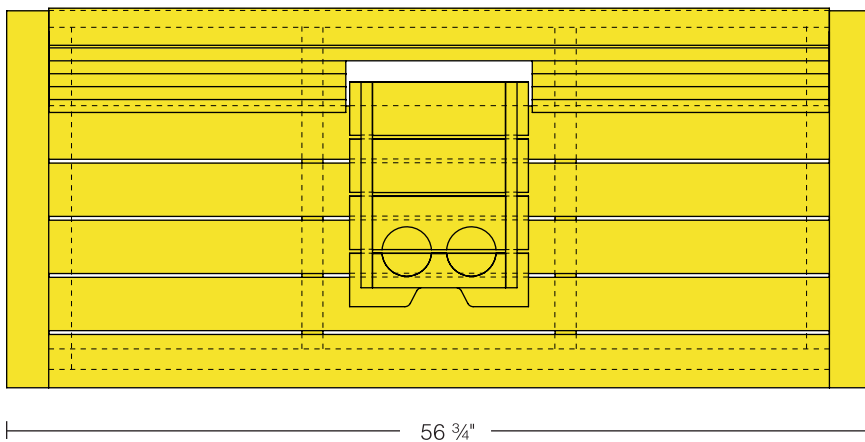
FRONT



SIDE



TOP



Note: Diagrams not to scale.

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OVERVIEW OF STEPS

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Pressure Treated Pine

SEQUENCE OF BUILD

1: FRAME



2: SLATS



3: TRAY & LEGS



4: FINISHING



BUILD TIME

CUTTING

1
HR

+

ASSEMBLY

3
HRS

+

FINISHING

1
HR

=

TOTAL

5
HRS

TOTAL

25
STEPS

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WHAT YOU'LL NEED

MATERIALS

- 7x** 1x4x10' YellaWood® brand pressure treated pine
- 4x** 2x4x10' YellaWood® brand pressure treated pine
- 1x** 2x10x8' YellaWood® brand pressure treated pine

HARDWARE

½ LB BOX

- 1 5/8" wood screws + appropriate bit
- 2 1/2" wood screws + appropriate bit

OTHER

- 2x** 1/4" x 4" carriage bolts (galvanized)
- 2x** 1/4" washers and nuts for carriage bolts (galvanized)
- 1x** 3 1/4" hole saw

WOOD FINISHING

- YellaWood Protector® Stain & Sealer

SAFETY EQUIPMENT

- Work gloves
- Dust mask
- Safety glasses
- Ear protection

Notes:

Consider using YellaWood® brand KDAT and higher grade products to achieve more professional results.

Choose boards with minimal irregularity to get the most out of the stock. Page 6 shows maximum parts per board. If unsure about board quality, purchase 1 extra piece of each board type.

TOOLS



Pencil



Measuring tape



Miter saw
(or chop saw)



Table saw



Drill / driver



Clamps
(two at least 5' long)



Combination countersink bit
(with 3" long 1/8" bit)



1/4" Drill bit



Jigsaw



Radial sander
(or sanding block)



Carpenter square



Adjustable wrench



Mallet or hammer



Damp cloth
(optional)



Waterproof wood glue
(optional)



Paint/Stain
Brush

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CROSS-CUT DIAGRAMS



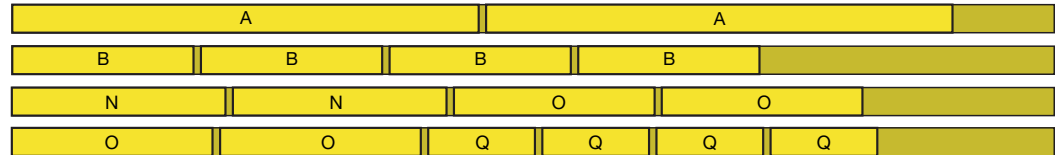
PREP: CROSS-CUT ALL PARTS

Proceed to cut all parts listed below unless noted otherwise. Be sure to **label all parts** so you know which ones to use for the Assembly Steps that follow.



2x4x10' STOCK 4 BOARDS

CROSS-CUT TO	PART	#
54"	A	2x
21"	B	4x
24 3/4"	N	2x
23 1/2"	O	4x
12"	Q	4x



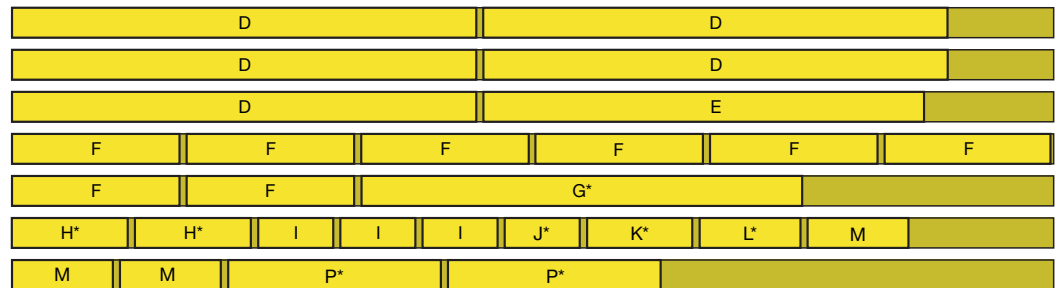
2x10x8' STOCK 1 BOARD

CROSS-CUT TO	PART	#
23"	C*	4x



1x4x10' STOCK 7 BOARDS

CROSS-CUT TO	PART	#
54"	D	5x
51 1/4"	E	1x
19 1/2"	F	8x
51 1/4"	G*	1x
13 1/4"	H*	2x
8 3/4"	I	3x
8 3/4"	J*	1x
12"	K*	1x
11 3/4"	L*	1x
11 3/4"	M	3x
23 3/4"	P*	2x



* Requires detail cuts. See next page for diagrams.

Pro tip

Cut the pieces for the backrest + front of tray pieces from a continuous piece of board for an elegant look.



Note: Diagrams not to scale.

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DETAIL CUT DIAGRAMS



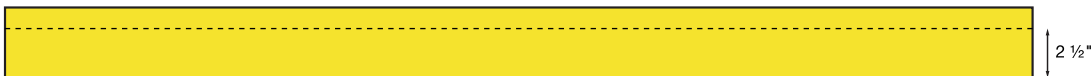
PREP: DETAIL CUT PARTS

Proceed to cut all parts listed below unless noted otherwise. Be sure to **label all parts** so you know which ones to use for the Assembly Steps that follow.



RIP CUT

G - DETAIL (TOP) (x1)



K - DETAIL (TOP) (x1)



H - DETAIL (TOP) (x2)



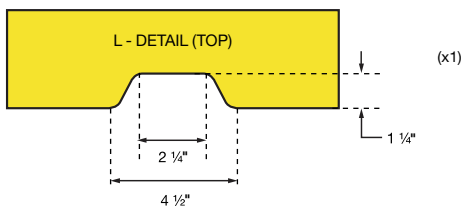
P - DETAIL (TOP) (x2)



J - DETAIL (TOP) (x1)



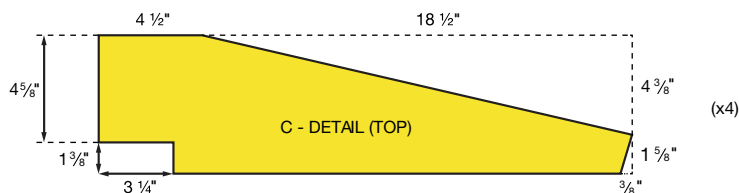
JIGSAW



JIGSAW



RIP CUT



Note: Diagrams not to scale.

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ASSEMBLY

YellaWood
Pressure Treated Pine

SECTION 1: FRAME

TOOLS



Drill / driver



Pencil



Measuring
tape



Clamps



Combination
countersink bit
(with 3" long 1/8" bit)

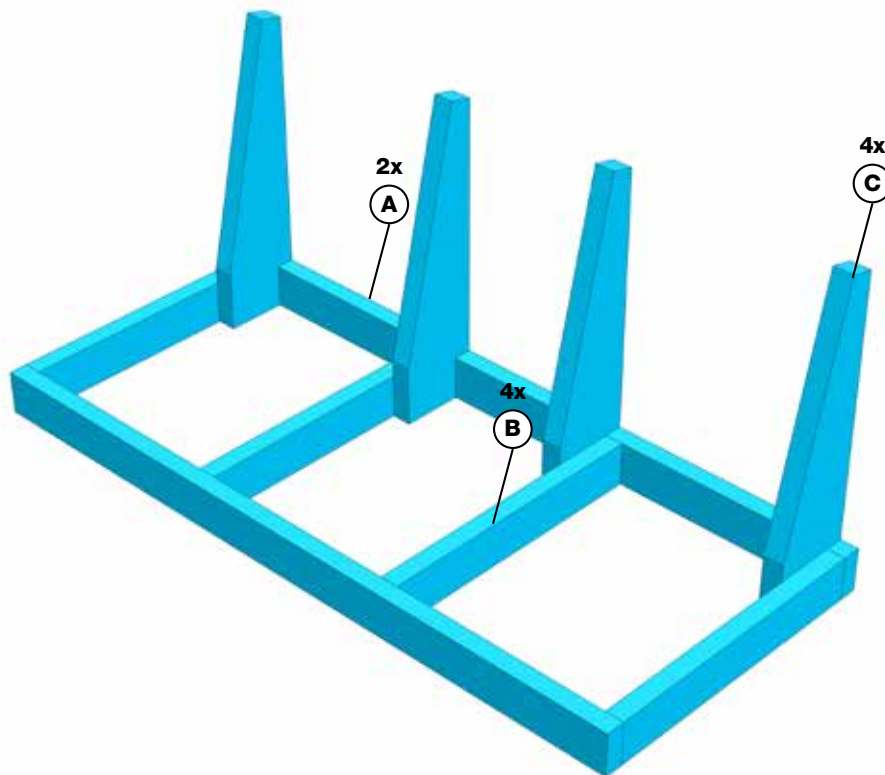


Carpenter
square

SUPPLIES



2 1/2" screws



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ASSEMBLY

SECTION 1: FRAME

1



Begin by laying out Part (A) and Part (B) and form a rectangle using a carpenter square to ensure 90°. Add two Parts (B) centered in the middle of the frame.

2



Secure with two 2 1/2" screws per joint.

3



Next, add Parts (C) to the inside of the frame as shown. Use two 2 1/2" screws per joint.

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ASSEMBLY

YellaWood
Pressure Treated Pine

SECTION 2: SLATS

TOOLS



Drill / driver



Pencil



Measuring
tape



Clamps

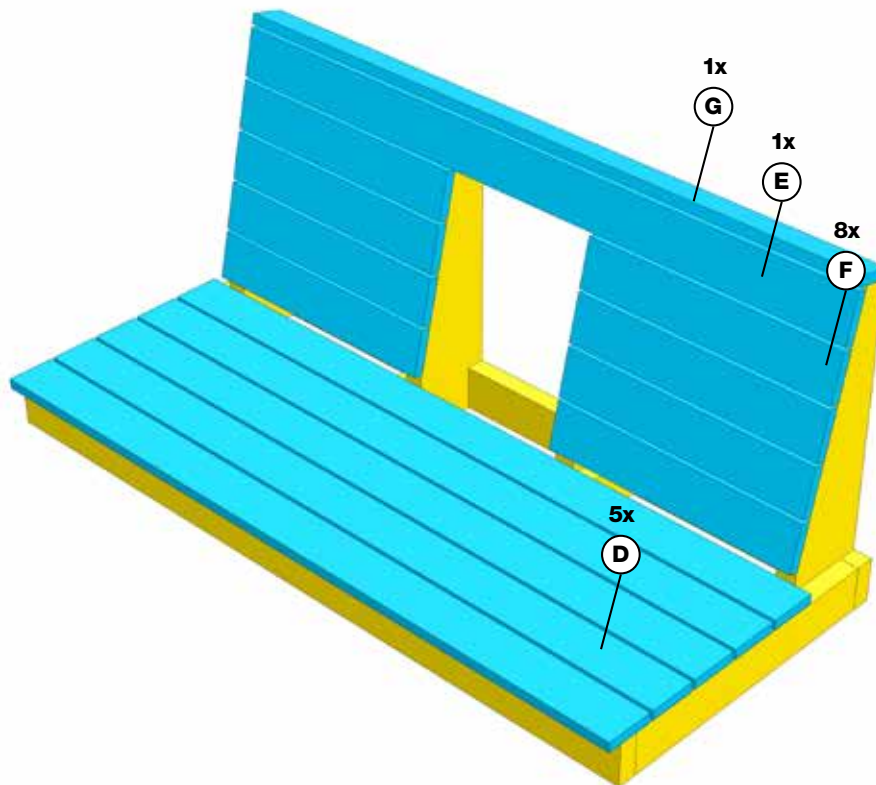


Combination
countersink bit
(with 3" long 1/8" bit)

SUPPLIES



1 5/8" screws



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ASSEMBLY

SECTION 2: SLATS

4



Start with a Part (D) at the front edge of the frame, and offset 1" to create an overhang. Secure with two 1 5/8" screws at each 2x4.

5



Secure the back slat, Part (D), in the same manner.

6



Then, evenly space the middle boards to complete the seat slats.

Tip: Use a scrap piece of wood to trace the screw line onto the middle boards for a consistent look.

7



Add Part (E) to the top of Parts (C) and ensure it is flush with Part (C). Secure with four pairs of 1 5/8" screws.

8



Work your way down the backrest securing Parts (F) left and right of the middle opening.

9



Lastly, attach Part (G) to the top as a cap piece to Parts (C) using 1 5/8" screws.

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ASSEMBLY

SECTION 3: TRAY & LEGS

TOOLS



Drill / driver



Pencil



Measuring tape



Clamps



Combination countersink bit



3 1/4" Hole saw



Adjustable wrench



1/4" Drill bit



Carpenter square



Mallet or hammer

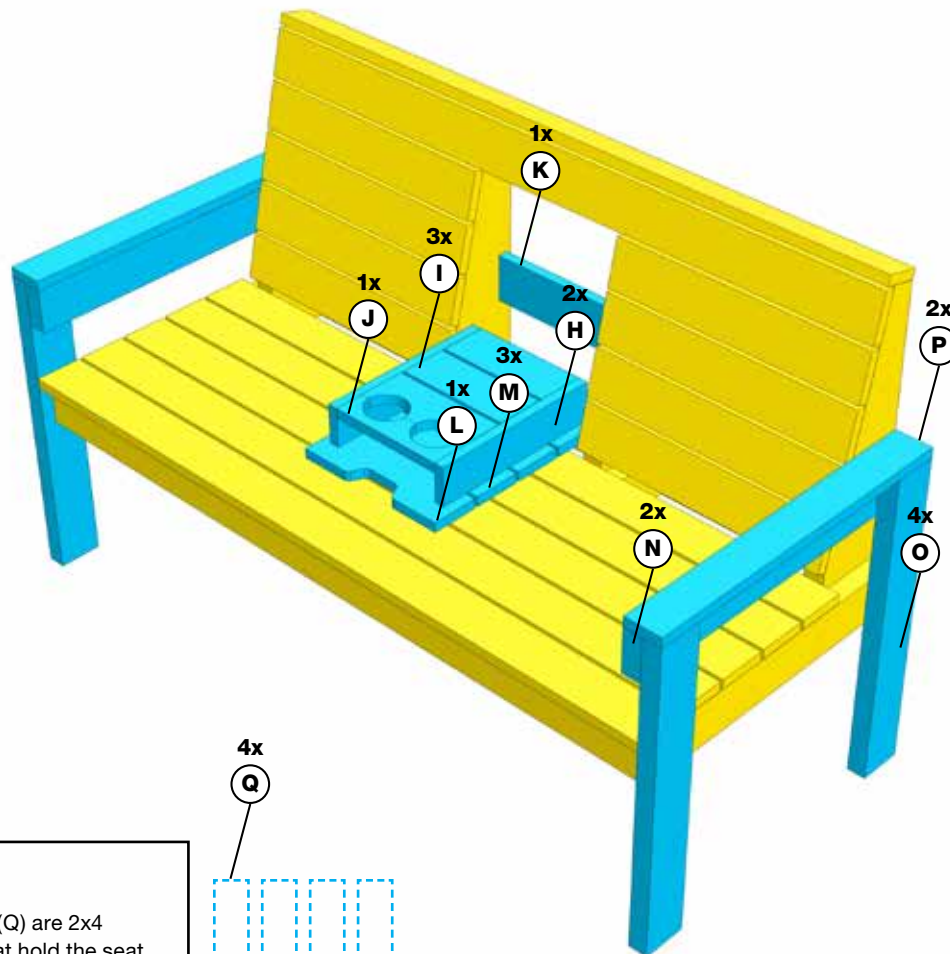
SUPPLIES



1 5/8" screws

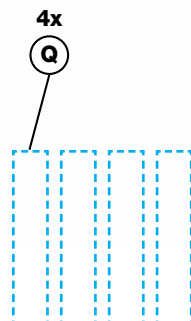
2 1/2" screws

1/4" x 4" carriage bolts, washers, and nuts



Note:

Not shown: Parts (Q) are 2x4 support blocks that hold the seat structure while securing the legs. They can be discarded after use.



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ASSEMBLY

SECTION 3: TRAY & LEGS

10



To create the tray, attach two Parts (H) to three Parts (I) and one Part (J). Butt up Part (J) and one Part (I) with no gap, and the remaining three with a $\frac{1}{4}$ " gap. Use two $1\frac{5}{8}$ " screws per board.

11



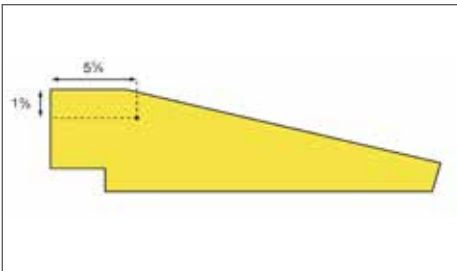
Then, flip over and use a $3\frac{1}{4}$ " hole saw to cut two cupholders centered between Part (I) and Part (J). They should be centered within the length of the assembly.

12



With the assembly flipped on one side, drill a $\frac{1}{4}$ " hole through a Part (H) that is $1\frac{1}{8}$ " up and $1\frac{1}{8}$ " across from the bottom corner. Mirror this hole on the other side. This will be the pivot point for the tray.

13



Use diagram above for marking the two inside Part (C)s.

14



Measure and make a point as the diagram on Step 13 shows. Repeat on the other side of the opening.

15



Drill perpendicularly into Parts (C) using the $\frac{1}{4}$ " drill bit.

16



Hammer into place the two $\frac{1}{4}$ " x 4" long carriage bolts.

17



Insert the tray and, ensuring it is centered, secure with washers and nuts on either end.

18



Hold or clamp a Part (M) on the front of the tray and ensure it is flush with the backrest boards before securing Part (K). Then, carefully secure Part (K) to the back of the unit with the tray assembly upright. Use two $2\frac{1}{2}$ " screws per side.

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ASSEMBLY

SECTION 3: TRAY & LEGS

19



Lay the assembly on its back so gravity doesn't work against you. Carefully attach Part (L) and Part (M) to the front of the tray.

20



Note:

Match them so that they are continuous with the backrest boards if you chose to cut them this way from Page 6.

21



To create the legs, secure Part (N), two Part (O)s, and one Part (P) as shown. Ensure all edges are flush and use two 1 5/8" screws on each face.

22



Repeat Step 21 to make the other leg.

23



Next, using the 12" 2x4 blocks – Parts (Q) – rest the seat assembly on top and place the legs on either side. Use clamps as needed and secure the legs to the seat frame with two 2 1/2" screws.

24



Once all four sides have been attached, remove Parts (Q) and discard.

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FINISHING

SECTION 4: FINISHING

TOOLS



Radial sander
(or sanding block)



Paint/Stain
Brush



YellaWood® brand products provide the best available pressure treated lumber protection against rot, fungal decay, and termites. Sanding edges is recommended to reduce snags and splintering. At a minimum, we recommend annual application of a water repellent. You can also paint or stain it if you prefer.

25



Ease any sharp edges using a radial sander or sanding block with medium grit. Apply preferred finish to the wood.

26



We recommend long lasting YellaWood Protector® semi-transparent stain and water repellent wood sealer, the only stain backed by the famous Yella Tag. Follow manufacturer's recommendations for application.

CONGRATULATIONS. ENJOY YOUR NEW LAZY BENCH!

Lazy Bench

GALLERY OF IMAGES

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FASTENER & HARDWARE INFORMATION



FOR INTERIOR OR EXTERIOR APPLICATIONS

Use fasteners and hardware that are in compliance with the manufacturer's recommendations and the building codes for their intended use. As with any good design and construction practices, treated wood should not be used in applications where trapped moisture or water can occur. Where design and/or actual conditions allow for constant, repetitive or long periods of wet conditions, only stainless steel fasteners should be used.

FOR EXTERIOR APPLICATIONS

The following minimum galvanization levels may be used for connectors, joist hangers, fasteners and other hardware that are placed in direct contact with exterior applications of micronized copper treated wood:

- **Fasteners** – nails, screws, etc. ASTM – A 153 (1 oz/ft²)
- **Hardware** – connectors, joist hangers, etc. ASTM – A 653 G90 (0.90 oz/ft²)

The effects of other building materials within a given assembly, along with environmental factors, should also be considered when selecting the appropriate hardware and fasteners to use for a given project containing treated wood.

Stainless Steel fasteners and hardware are required for Permanent Wood Foundations below grade and are recommended for use with treated wood in other severe exterior applications such as swimming pools, salt water exposure, etc. Type 304 and 316 are recommended grades to use.

ALUMINUM

Aluminum building products may be placed in direct contact with YellaWood® brand products used for interior uses and above ground exterior applications such as decks, fencing, and landscaping projects. Examples of aluminum products include siding, roofing, gutters, door and window trim, flashing, nails, fasteners and other hardware connectors. However, direct contact of treated products and aluminum building products should be limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.

We recommend you contact the aluminum building products manufacturer for its recommendations regarding use of its aluminum products in contact with treated wood in ground contact applications or when exposed to salt water, brackish water, or chlorinated water, such as swimming pools or hot tubs.

Also check with the aluminum building products manufacturer regarding compatibility with other chemicals and cleaning agents and the use of their aluminum products in commercial, industrial, and specialty applications such as boat construction.

YellaWood® brand pressure treated products are treated with preservatives (the "Preservatives") and preservative methods and technologies of unrelated third parties. For details regarding the Preservatives, methods, and technologies used by Great Southern Wood Preserving, Incorporated, see www.yellowood.com/preservative or write us at P.O. Box 610, Abbeville, AL 36310. Ask dealer for warranty details. For warranty or for important handling and other information concerning our products including the appropriate Safety Data Sheet (SDS), please visit us at www.yellowood.com/warranties or write us at P.O. Box 610, Abbeville, AL 36310. YellaWood®, YellaWood Protector® and the yellow tag are federally registered trademarks of Great Southern Wood Preserving, Incorporated.

Great Southern Wood Preserving, Incorporated makes no warranties expressed or implied as to the fitness for a particular purpose of this plan.

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IMPORTANT INFORMATION

YellaWood®
Pressure Treated Pine

- Consult the end tag to determine which preservative or preservative system was used in the treatment of that particular product. YellaWood® brand products may be used in direct contact with aluminum building products when limited to code-compliant construction applications that provide proper water drainage and do not allow the wood to be exposed to standing water or water immersion.
- Use fasteners and other hardware that are in compliance with building codes for the intended use.
- Do not burn preserved wood.
- Wear a dust mask and goggles when cutting or sanding wood.
- Wear gloves when working with wood.
- Some preservative may migrate from the treated wood into soil/water or may dislodge from the treated wood surface upon contact with skin.
- Wash exposed skin areas thoroughly.
- All sawdust and construction debris should be cleaned up and disposed of after construction.
- Wash work clothes separately from other household clothing before reuse.
- Preserved wood should not be used where it may come into direct or indirect contact with drinking water, except for uses involving incidental contact such as fresh water docks and bridges.
- Do not use preserved wood under circumstances when the preservative may become a component of food, animal feed or beehives.
- Do not use preserved wood as mulch.
- Only preserved wood that is visibly clean and free of surface residue should be used. If the wood is to be used in an interior application and becomes wet during construction, it should be allowed to dry before being covered or enclosed.
- Mold growth can and does occur on the surface of many products, including untreated and treated wood, during prolonged surface exposure to excessive moisture conditions. To remove mold from the treated wood surface, wood should be allowed to dry. Typically, mild soap and water can be used to remove remaining surface mold. For more information, visit www.epa.gov.
- Projects should be designed and installed in accordance with federal, state and local building codes and ordinances governing construction in your area, and in accordance with the National Design Specification® (NDS) and the Wood Handbook.

DISPOSAL RECOMMENDATIONS

Preserved wood may be disposed of in landfills or burned in commercial or industrial incinerators or boilers in accordance with federal, state and local regulations.