

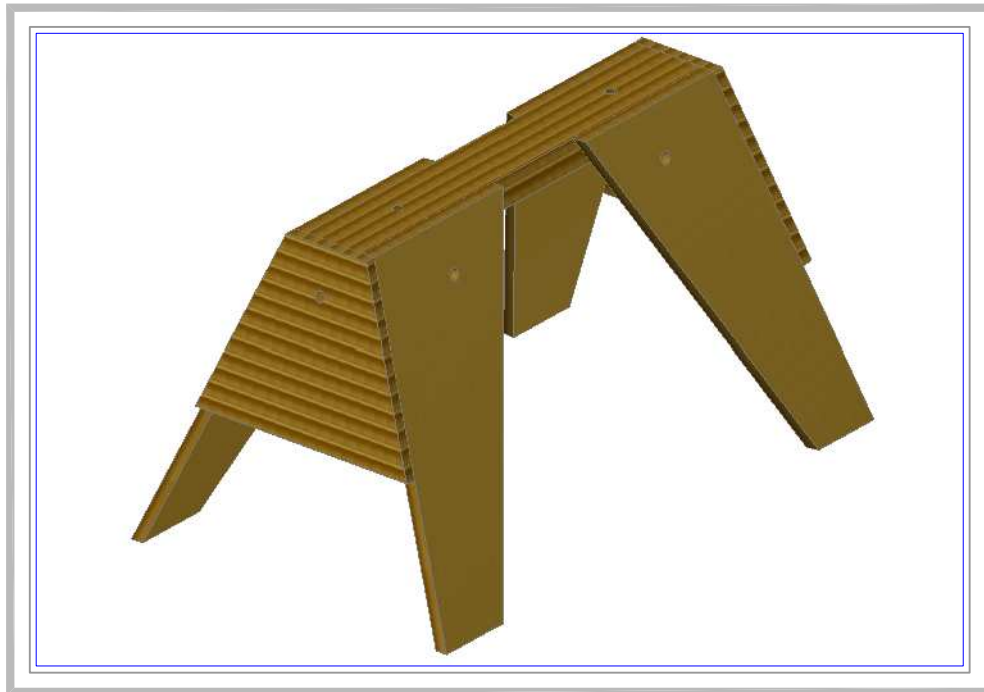


EKHO JigSaw
Puzzle
Furniture

Larry's

Saw Horse

Design by LJH



Larry's Saw Horse

Compound Angle Saw Horse Design

Very Strong Work Stand

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February 22, 2010



EKHO Design
Innovation

Only \$29.99 CDN

Stackable Saw Horse

Stackable Saw Horse

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A stackable saw horse that provides:

- A very safe work platform for you and
- A sturdy work stand for your work.



Design Objectives: (February 22, 2010)

This design project is to build a compound angle saw horse that is a great student 3D design practise project and a great carpentry exercise to challenge the budding woodworker's skills.

(Copyright by Elton K. Hammond. P.Eng. (613) 822-6935 elton.hammond@ekho.com)
and Larry James Hammond.

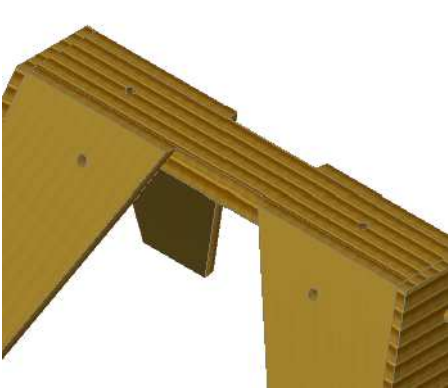
Design Guidelines

1. Training project for budding woodworkers.
2. Sell the plans for those who want to build it themselves.
3. Stackable design to reduce storage space.
4. Sturdy enough platform to support one or two adults.
5. Fits in the trunk of an average sized car.
6. Suitable for hand production with a good table saw.
7. Extra strong design for common workshop, household and construction site tasks!
8. Affordable for retail sales.

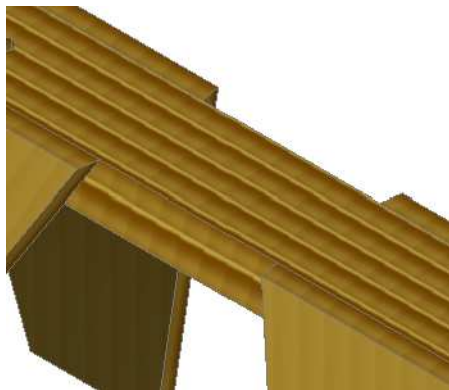


Stackable Saw Horse Features

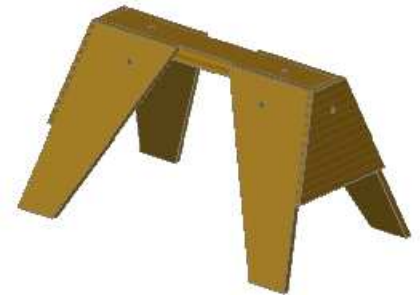
1. Large top surface provides a stable standing surface for a worker needing some height.
2. Very light.
3. Stackable.
4. Holes for bench dogs and Veritas surface clamps.
5. Use at home, workshop or job site where you need light, strong and stable.
6. Fits easily into the trunk of an average sized car to take to other work sites.
7. Very strong for endless common workshop & household chores!
8. Very affordable for every household's daily use. Store away when finished.
9. **Very easy to customize** quickly for your exact needs with common tools.
10. Very stable footprint to prevent tip overs.
11. Can be easily made from scraps that are normally in abundance at most work sites.



Large top surface to stand on.



Bench Dog/Clamp holes.

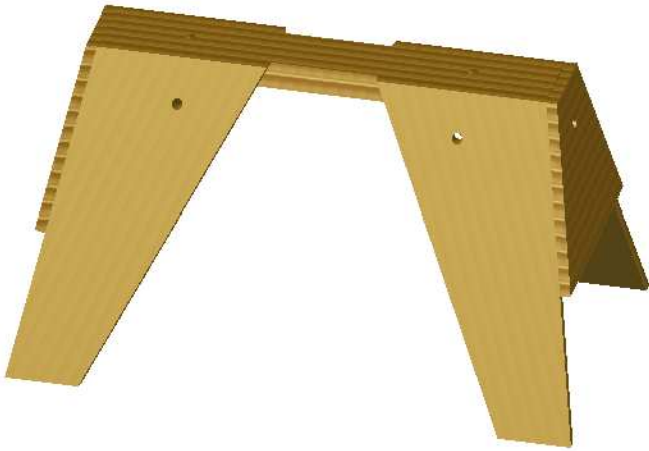
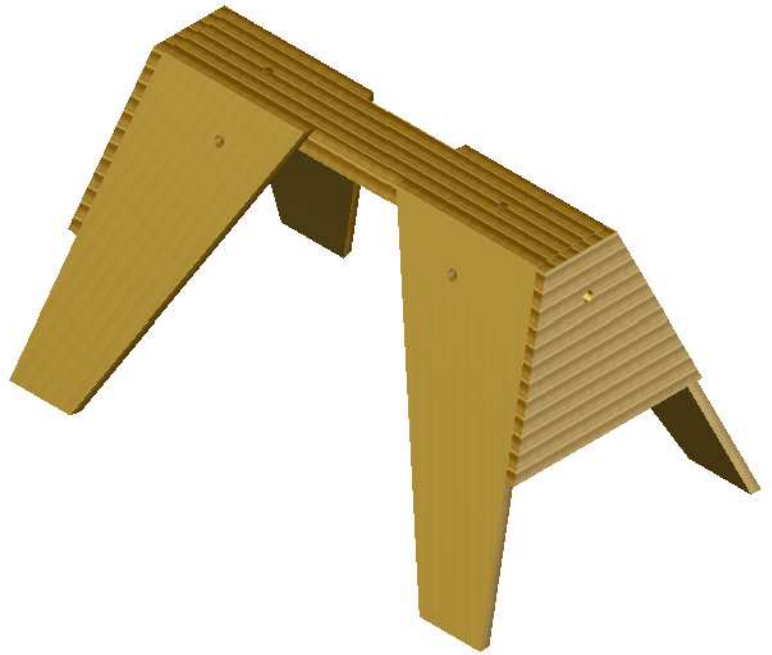
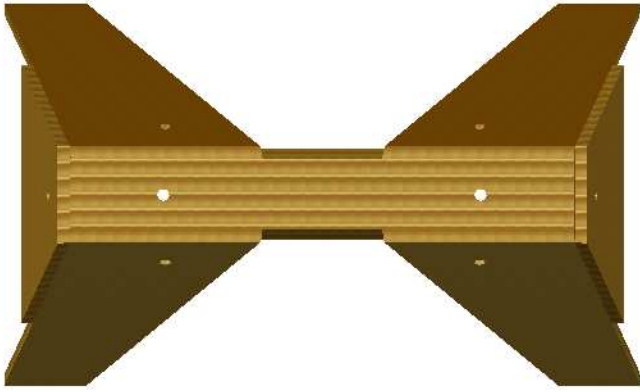


Very stable foot print

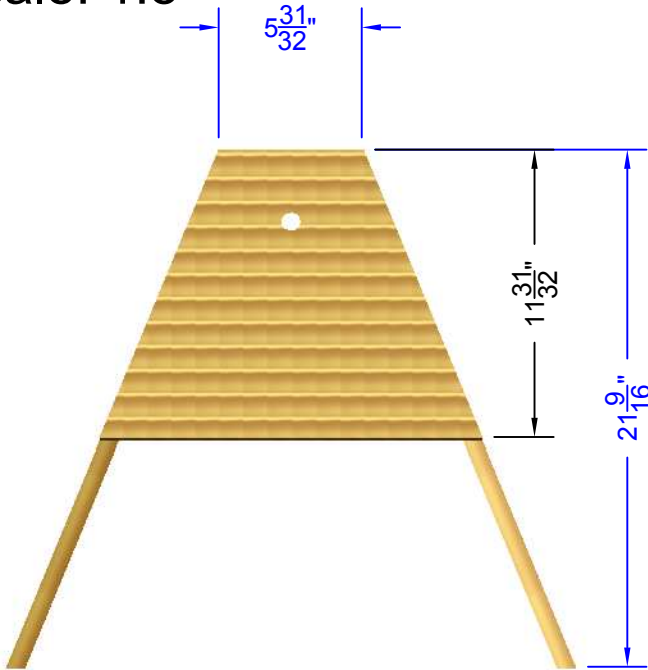


Scale: 1" = 1'

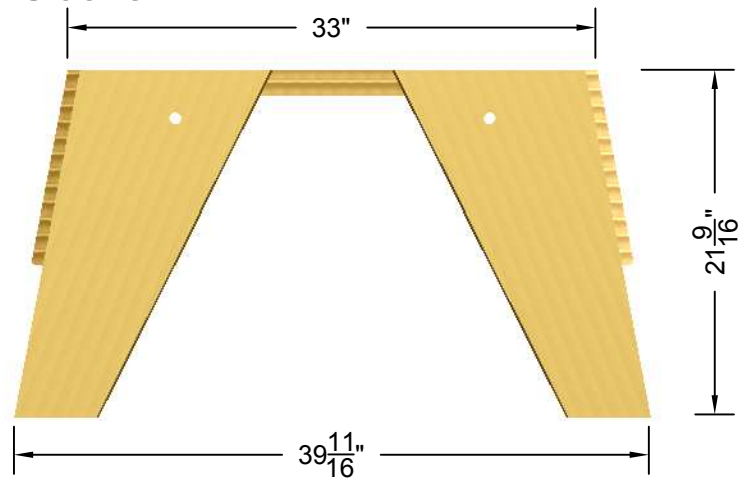
Portable Work Bench



Scale: 1:8



Scale: 1" = 1'



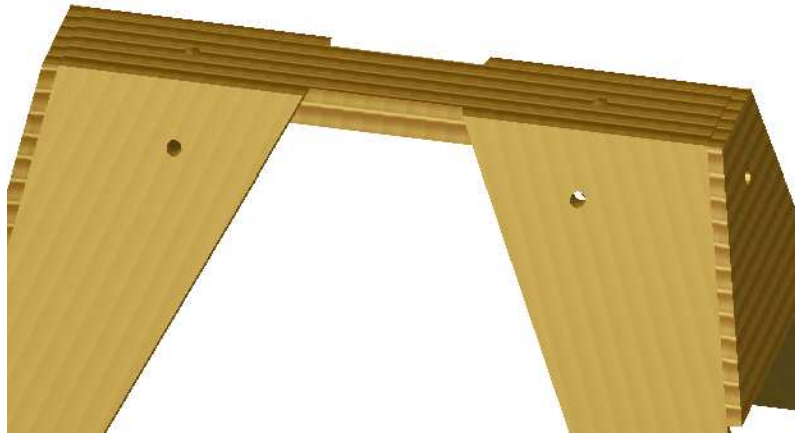
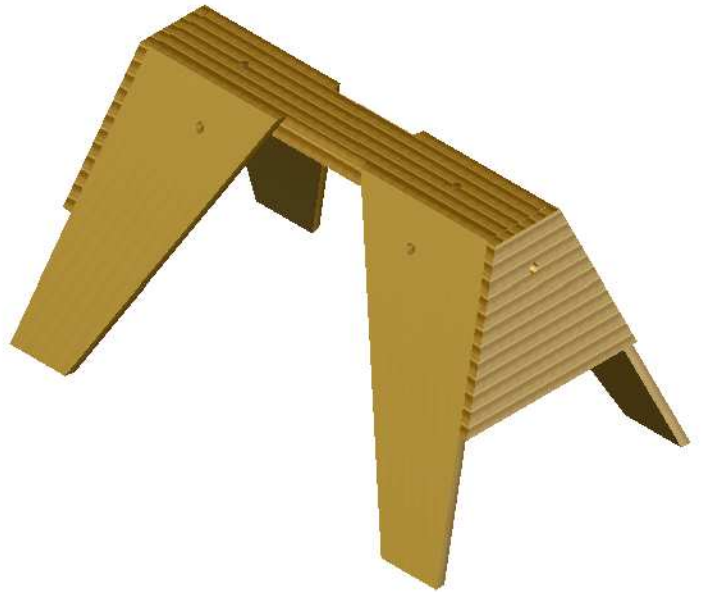
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CHKD BY: EKH	DATE: 2010/02/04	REVISED BY: EKH	
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DESIGNER: Elton K. Hammond	PROJECT: EKHO20100204	DISK: FIREWIRE DRIVE	

Scale: 3/8" = 1'

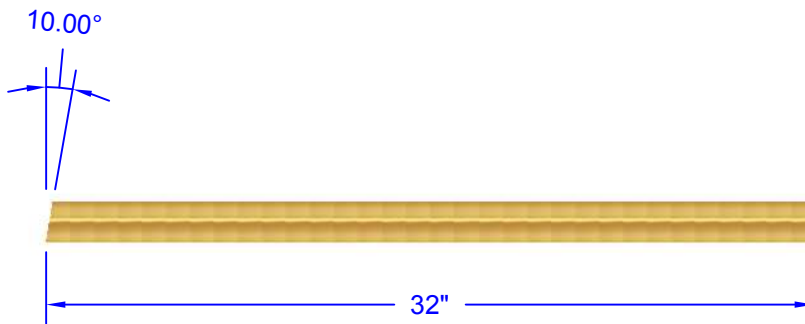
Top Support



2"x6" Lumber

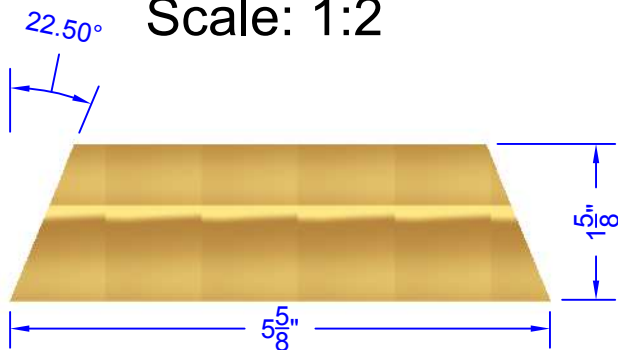


Scale: 1:8



2"x6" Lumber

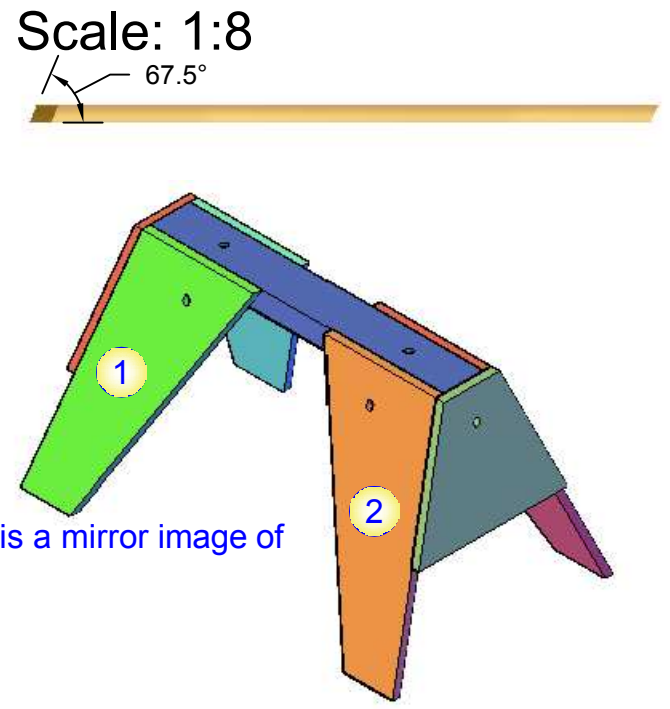
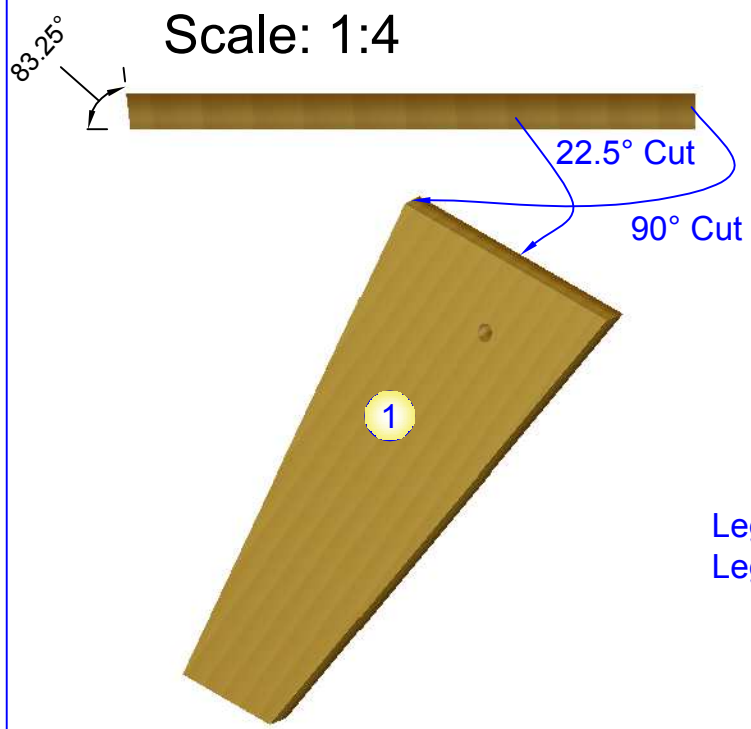
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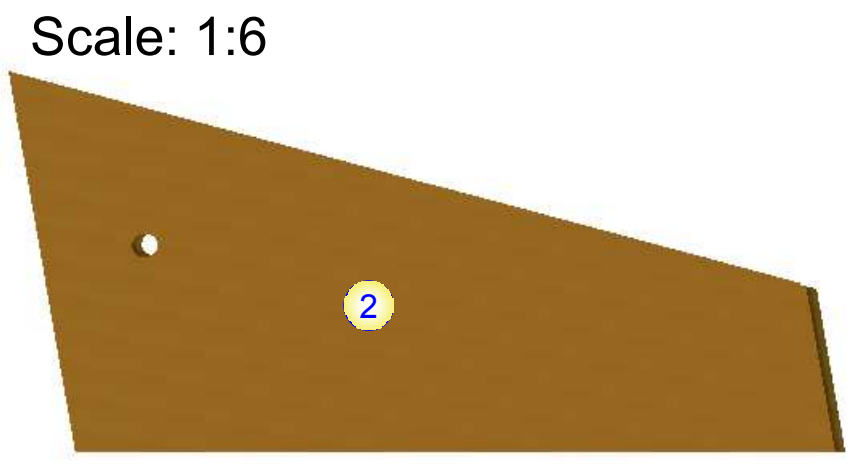
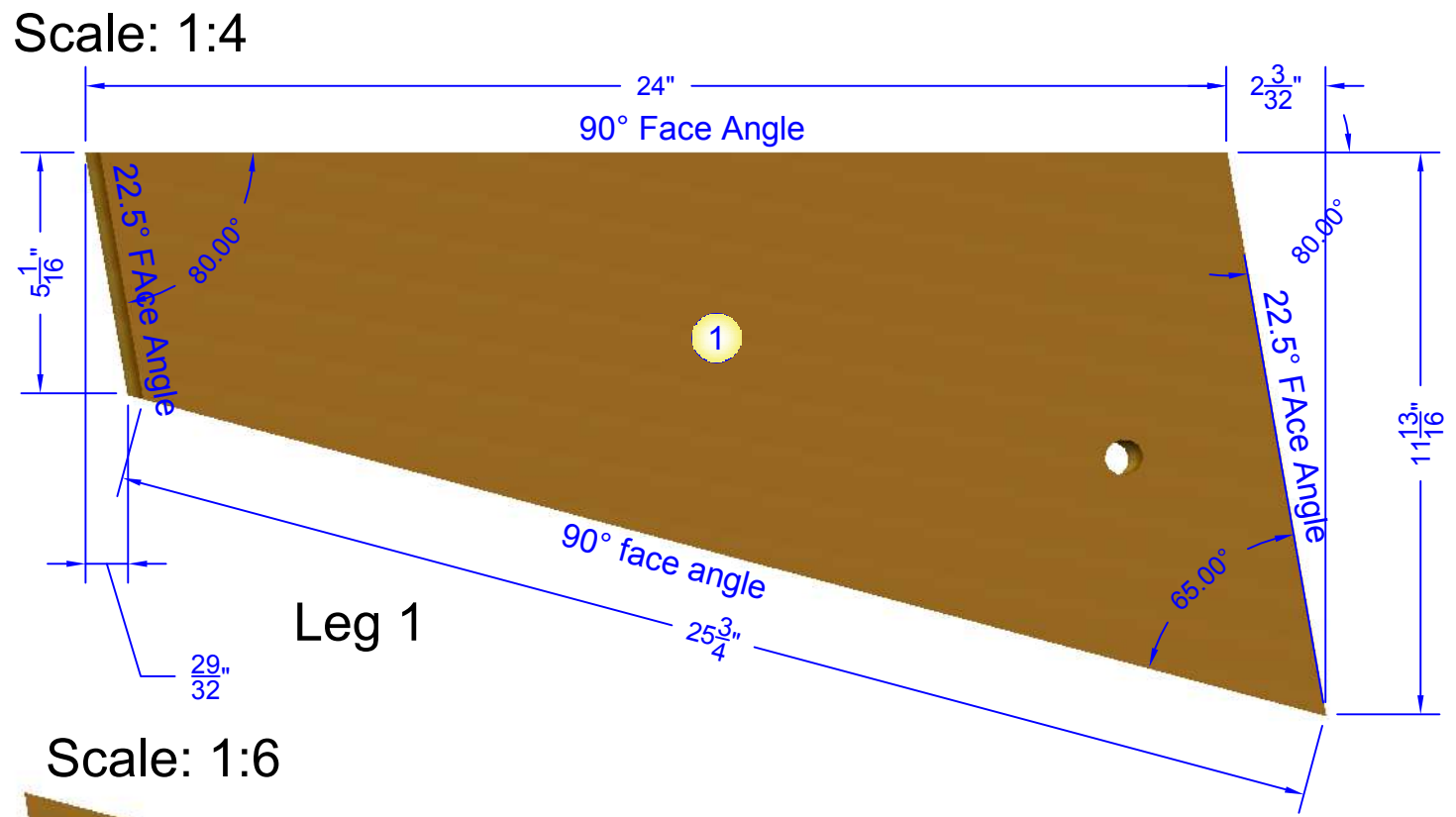
Saw Cut Plans



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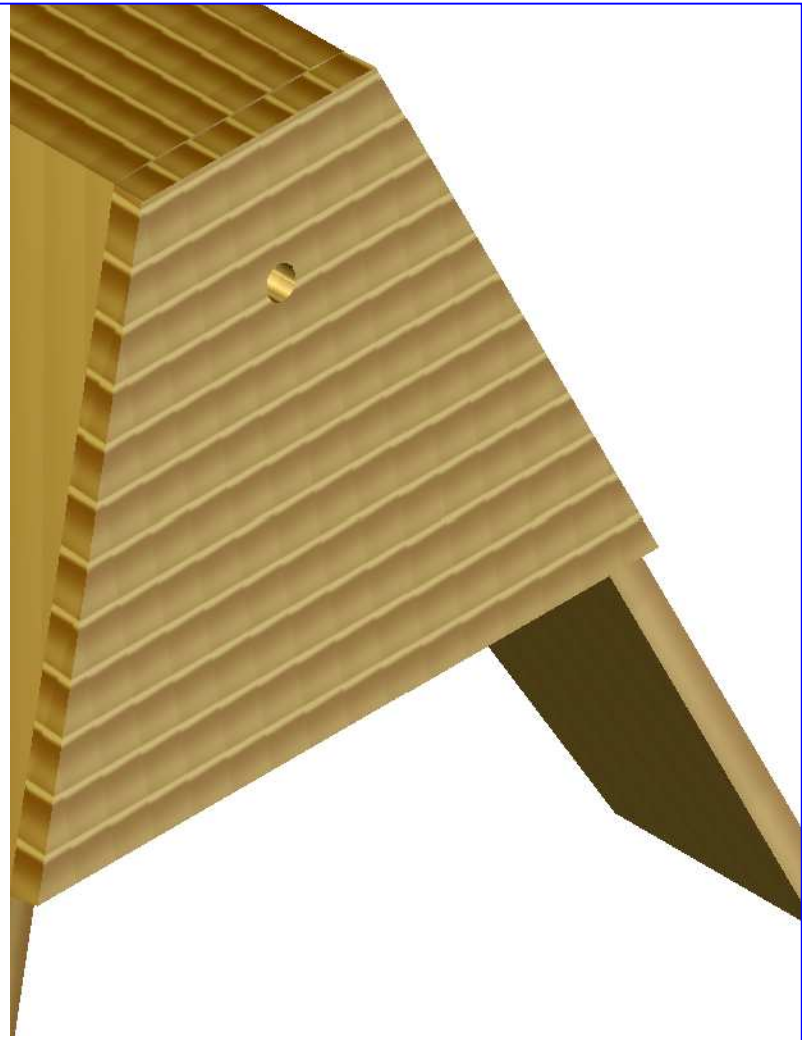
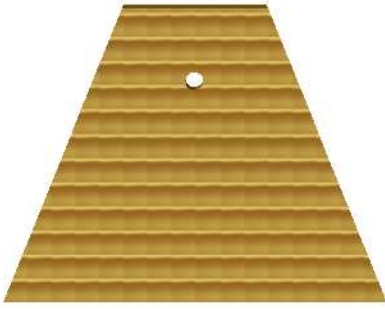


Leg #2 is a mirror image of Leg #1.

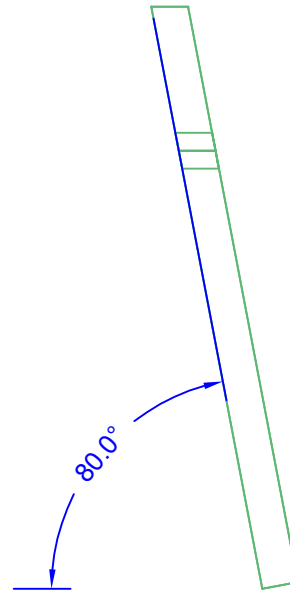
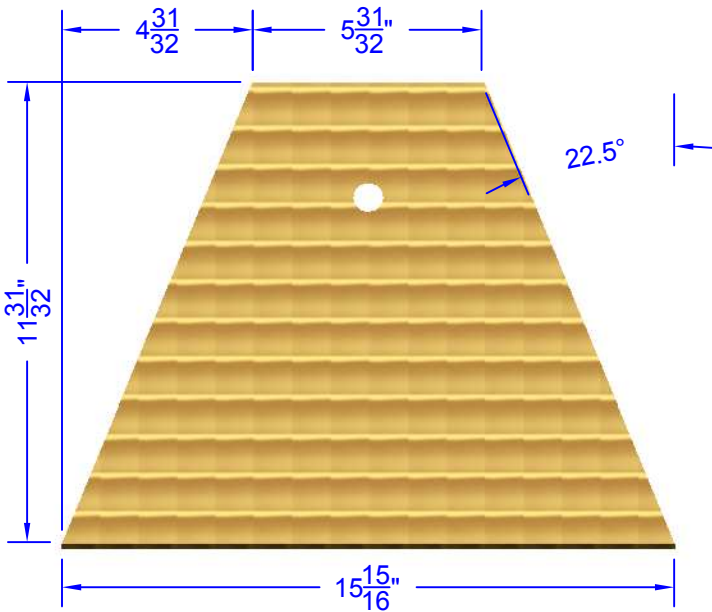


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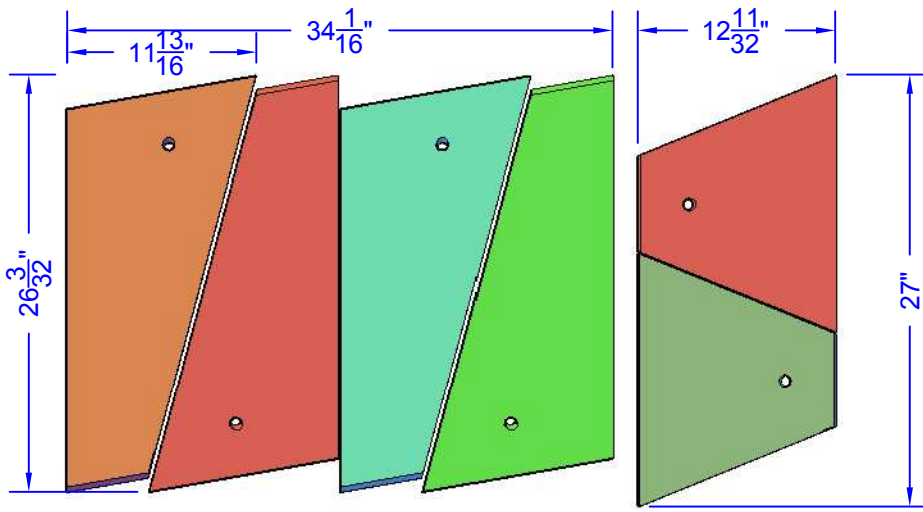
Scale: 1:8 End Cap



Scale: 1:5

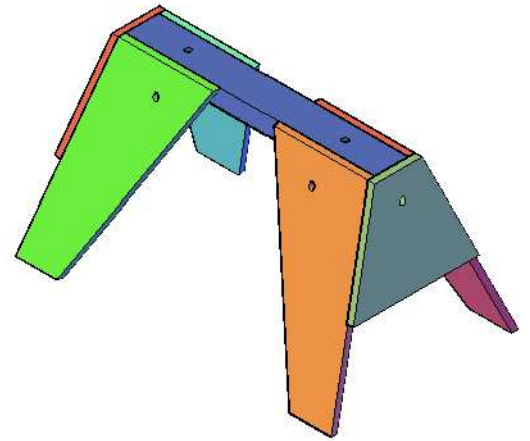


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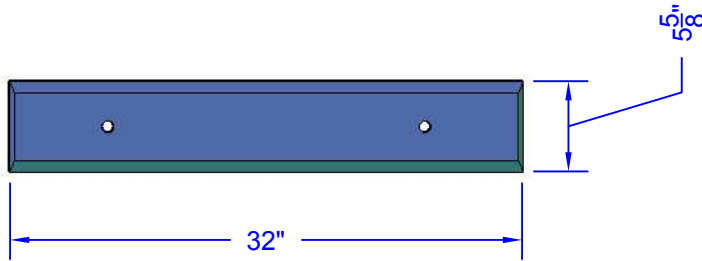
Legs

Gussets



Saw Cut Sheet

- Cut from one sheet of 3/4"x48"x96" Spruce Plywood.
- Shows table saw cuts with 1/8" saw kerf allowance.
- 2"x6" Lumber for Top support.



DWG TITLE		Saw Cut Sheet	
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Stackable Saw Horse Specifications



- **Weight** - 15 lbs. (18 lbs. in shipping box)
- **Dimensions:** - 49" long x 24" wide x 30.75" tall
- **Shipping Box Dims.** - 36" x 15" x 2"
- **Material:** - Plywood, Cedar, unpainted*, unassembled
- **Fasteners required:** - 20 wood screws plus glue.
- **Tools required** - Table or rotary saw, screwdriver drill.
- **Bonus Uses:** - work site seat or table.
- **Uses:**
 - Saw horse
 - Work platform
 - Work stand
 - Painting stand
- **Storage:** - Stack multiple units.
- **Supports:** - up to 500+ lb. loads
- **Only \$29.99 CDN**

* Customer can paint any color(s) for weather protection.

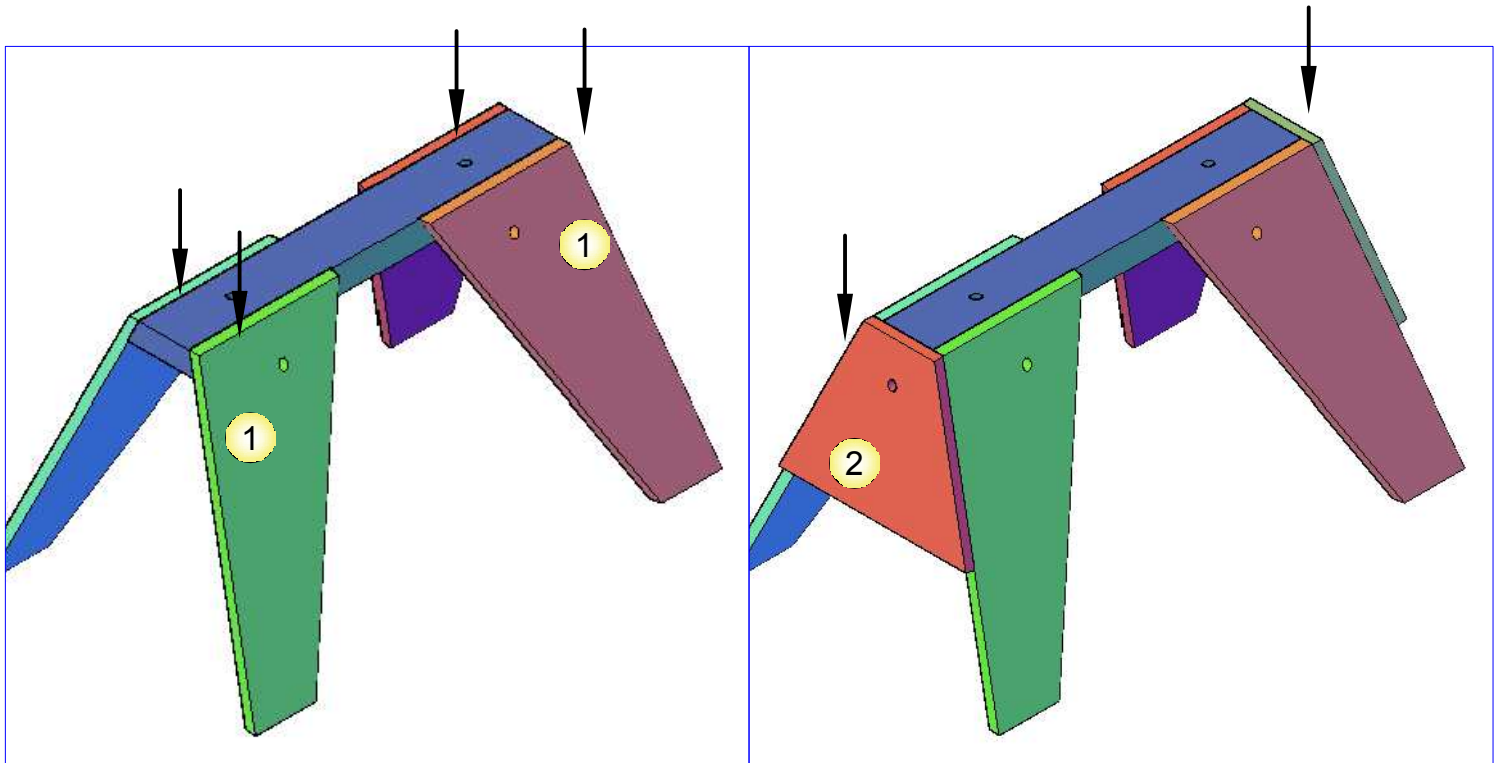


EKHO JigSaw
Puzzle
Furniture

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Fax. (866) 429-4008 sales@ekho.com

Assembly Instructions

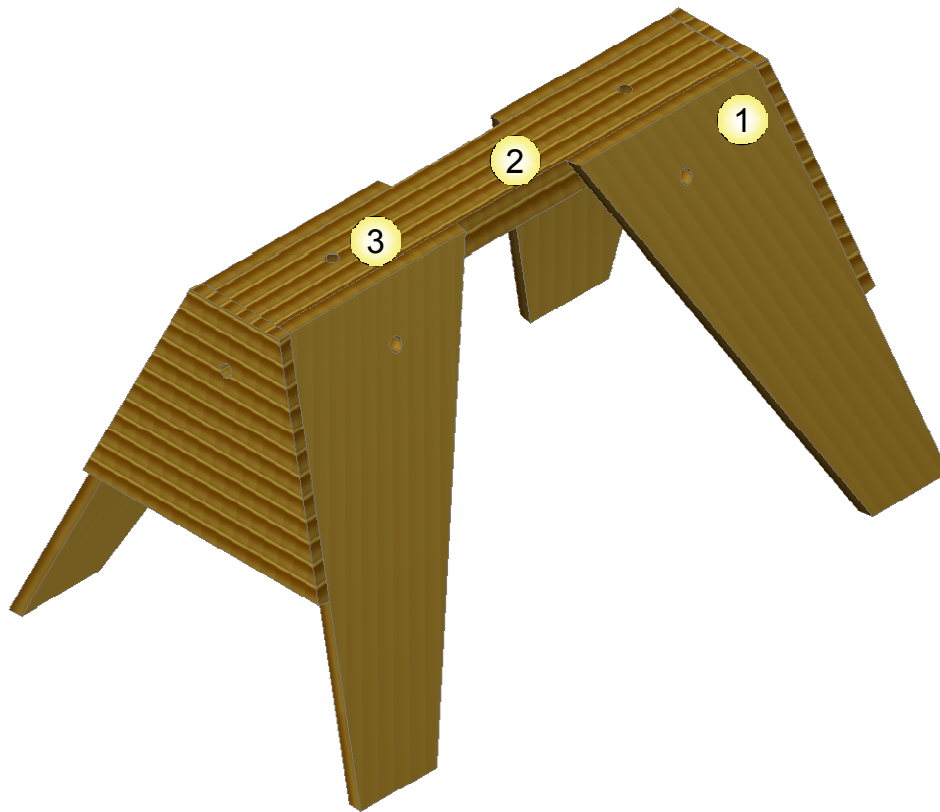
1. Glue and screw the 4 legs to the sides of the top support.
2. Glue and screw the 2 end caps in place.

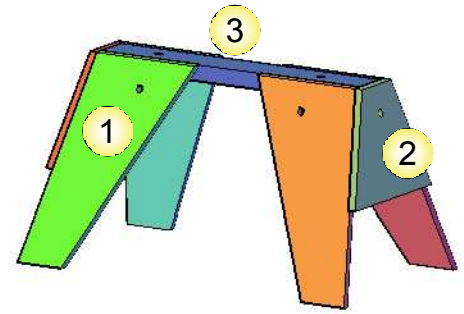
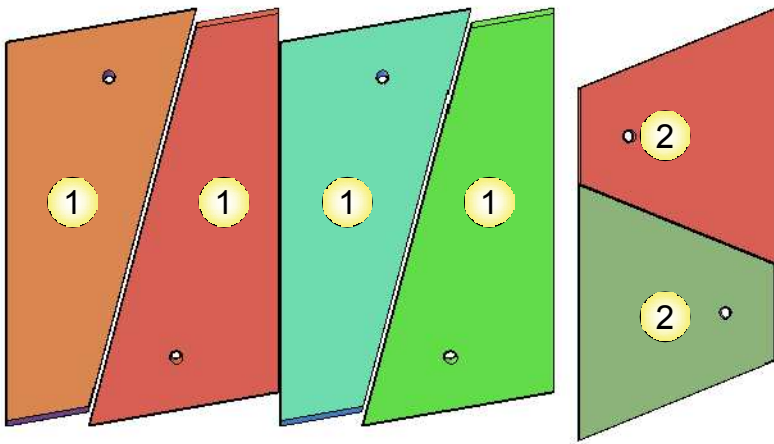


Customizing Suggestions

All of these suggestions are simply optional ideas to make your stackable saw horse more appealing, functional and unique to your needs. Write to us at sales@ekho.com to let us know of any clever customizing features you have added and would like to share with our other customers.

1. Add 3/4" bench dog holes to the top, legs or end caps to support work with 3/4" dowels or Lee Valley's brass bench dogs.
2. Paint your unit for weather protection.
3. Build with light weight 2"x6" cedar top and 3/4" spruce plywood legs.
4. Attach a self adhesive tape measure to the top surface.





Packing List

- Materials shown to the left are included in the box.
- Screws and glue are **NOT** part of the shipment. Customer supplied option.

- | | | |
|----|---------|-----|
| 1. | Legs | (4) |
| 2. | End Cap | (2) |
| 3. | Top | (1) |



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