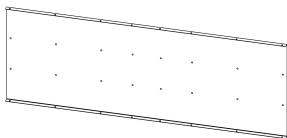


CUSTOM SHIPPING CONTAINER MULTIPURPOSE SHELF/WORKBENCH

ASSEMBLY INSTRUCTIONS

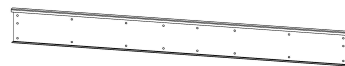
PARTS:



Lower Base of Shelf (4)



Front Lip of Shelf (4)



Rear Lip of Shelf and Workbench
Backing (5)



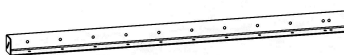
Left Divider (4)



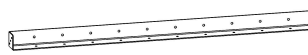
Right Divider (4)



Organisational Divider (8)



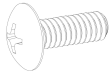
Lower Leg Supports (4)



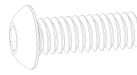
Upper Front Legs (2)



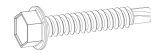
Upper Rear Legs (2)



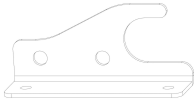
1/2" Screw and flange nut (90)



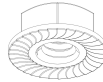
3/4" Screw and flange nut (66)



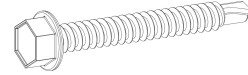
Self tapping screw 1.5" (4)



Organisational Hook (2)



Flange Nuts (156)



Self tapping screw 2" (4)

Materials and Parts

➤ Shelf Parts:

- Left Divider (4)
- Right Divider (4)
- Lower Base of Shelf (4)
- Front Lip of Shelf (4)
- Rear Lip of Shelf (5) -1 for the rear lip of workbench
- Organisational Dividers (2) per shelf/workbench- same as end dividers (8)
- Provided Screws machine screws (1/2 ") (90)
- Provided Screws truss head (3/4") (66)
- Provided Flange Nuts (156)

➤ Leg Supports:

- 4 Lower Leg Supports (4)
- 4 Upper Leg Supports (Rear Left, Rear Right, Front Left, Front Right) (4)

➤ Fasteners:

- Self Tapping Screws 1.5" (for securing to the upper container, ceiling and walls) (4)
- Self Tapping Screws 2" (for securing to the floor) (4)

Materials Required: Impact Drill- 3/8 Hex head, robinson and phillip head driver bits, small ladder, silicone sealant (optional for weatherproofing), additional person.

*Note: Assembly requires 2 people for lifting and securing.

Shelf Assembly

1. Unpack and Organize:

1. Unpack all parts and group like items.
2. Identify the 5 parts of a shelf:
 - Left Divider
 - Right Divider
 - Lower Base of Shelf
 - Front Lip of Shelf
 - Rear Lip of Shelf

2. Assemble Each Shelf:

1. Attach Dividers:

- Secure the Left End Divider to the lower middle Base of Shelf using 2 x $\frac{1}{2}$ " screws and nuts.
- Repeat for the Right End Divider.
- Leave corner and end attachment points empty

2. Organisational Dividers:

- Attach the Organisational Dividers into the shelf base securing at the two middle holes. Use the $\frac{1}{2}$ " screws and nuts to secure the bent flange of the divider to the shelf in its desired location.

3. Attach Front Lip:

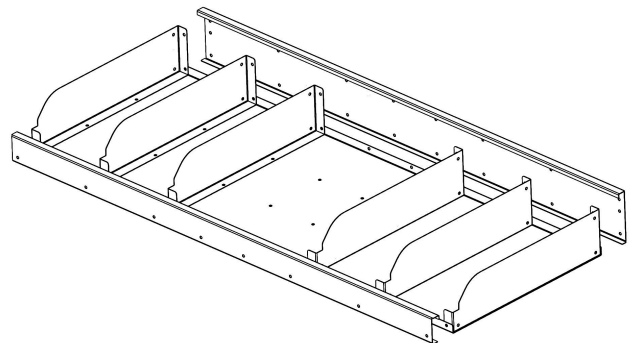
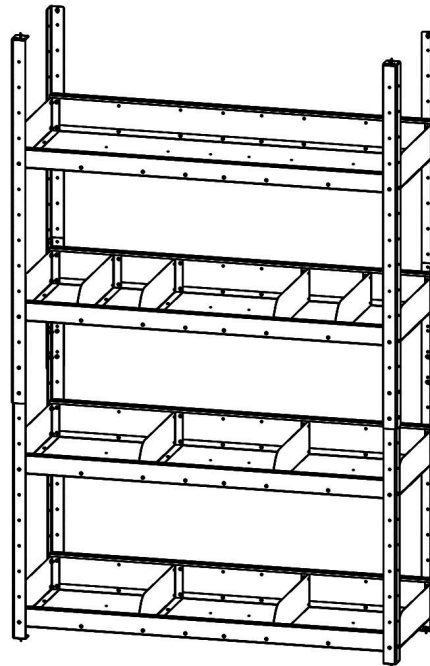
- Attach the Front Lip to the lower edge of the shelf with 6 x $\frac{1}{2}$ " screws and nuts.
- Leave the front corners open for leg attachment.

4. Attach Rear Lip:

- Secure the Rear Lip to the back of the shelf with $\frac{1}{2}$ " screws and nuts.
- Attach the Organisational Dividers to the rear while attaching the Rear Lip.
- Leave the rear corner holes open for leg attachment.

5. Repeat:

- Repeat the above steps for all remaining shelves.

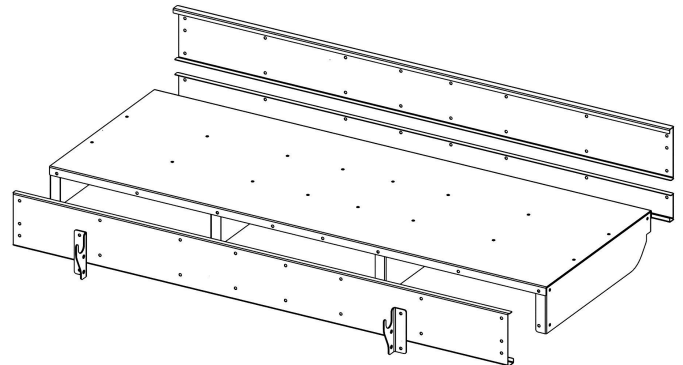


Workbench Assembly

1. Assemble Workbench:

1. Attach Dividers and Lips:

- Attach the Left End Divider and Right End Divider to the ends of the Lower Base of Shelf using 2 x $\frac{1}{2}$ " screws and nuts on each side.
- Add Organisational Dividers evenly spaced, secure with $\frac{1}{2}$ " screws on the middle holes leaving end holes open.
- Attach the Front Lip to the lower edge of the shelf with 6 x $\frac{1}{2}$ " screws and nuts. Attach the Organisational dividers to the Front Lip with $\frac{1}{2}$ " screws and nuts
- Attach the Rear Lip to the back of the shelf using $\frac{1}{2}$ " screws and nuts. Attach the Organisational Dividers to the Rear Lip with $\frac{1}{2}$ " screws and nuts.
- Leave the corners open for leg attachment
- Flip 180 degrees and the workbench is ready to be assembled to legs.



Positioning and Securing

1. Assembling the Lower Shelving unit:

- Position the bottom shelf on the floor in your desired location.

2. Attach Lower Leg Supports:

- Place one Lower Leg Support at each corner of the Shelf. Lower leg supports have a securing slot in the bent flange for securing to the floor once assembled.
- Secure to the lower shelf at your desired height using $\frac{3}{4}$ " screw bolts and nuts. Hand tighten. The Rear attachment point secures to the shelf at 4 locations and the front attachment points secure to the shelf at 2 locations of each leg. We recommend using all securing points to ensure strength.
- Stack all the remaining assembled shelves/workbenches onto the lower secured shelf. This will make raising and securing the shelves easier.

3. Attach Upper Leg Supports:

- With the lowest shelf in place, attach each Upper Leg Support to the corresponding Lower Leg Support.

- Lift each Upper Leg Support to touch the container roof, the legs are designed to accommodate all container heights. Once at your desired height secure the legs where they overlap with each other. Use the $\frac{3}{4}$ " bolts and nuts provided. Hand tighten. Use 4 bolts and nuts on each leg. These will be what connects the upper and lower leg parts. The front and the back legs need to be secured at the same hole height.

- Repeat for Rear Left, Rear Right, Front Left, and Front Right Upper Leg Supports.

4. Place and Secure Shelves/Workbenches:

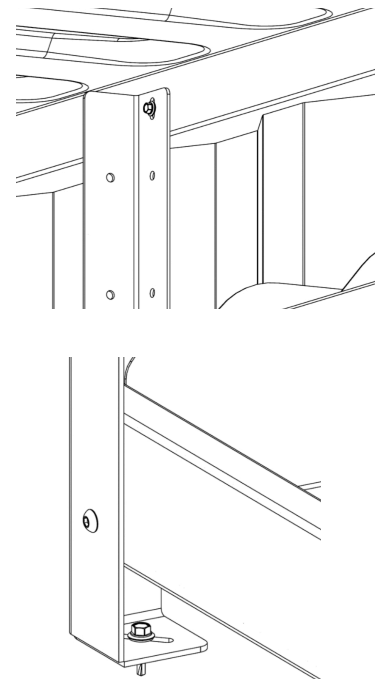
- With two people lift the uppermost shelf/workbench to the highest location.. Secure the shelf/workbench at the corners with the $\frac{3}{4}$ " screws and nuts. Hand tighten.
- Secure at each corner attachment point:
 - Rear Legs: 4 points
 - Front Legs: 2 points
- There are many locations to choose and heights can be adjusted overtime as needed.
- Repeat for all shelves/workbenches until all four have been secured. Do not leave any shelves unattached to the legs.
- **Add Backing Plate for Workbench use (optional)**
 - Attach the extra Back Lip (backing plate) to the back of the work bench to prevent items from falling over the back edge.
 - Each kit comes with 1 extra Back Lip to ensure you can create a workbench if desired.

5. Final Securement:

- Double check all shelves/workbenches are level.
- Tighten all screws and nuts to ensure strength and stability.
- With two people push the shelf into its final position, keeping a $\frac{3}{4}$ " buffer from the wall.

6. Secure to Container:

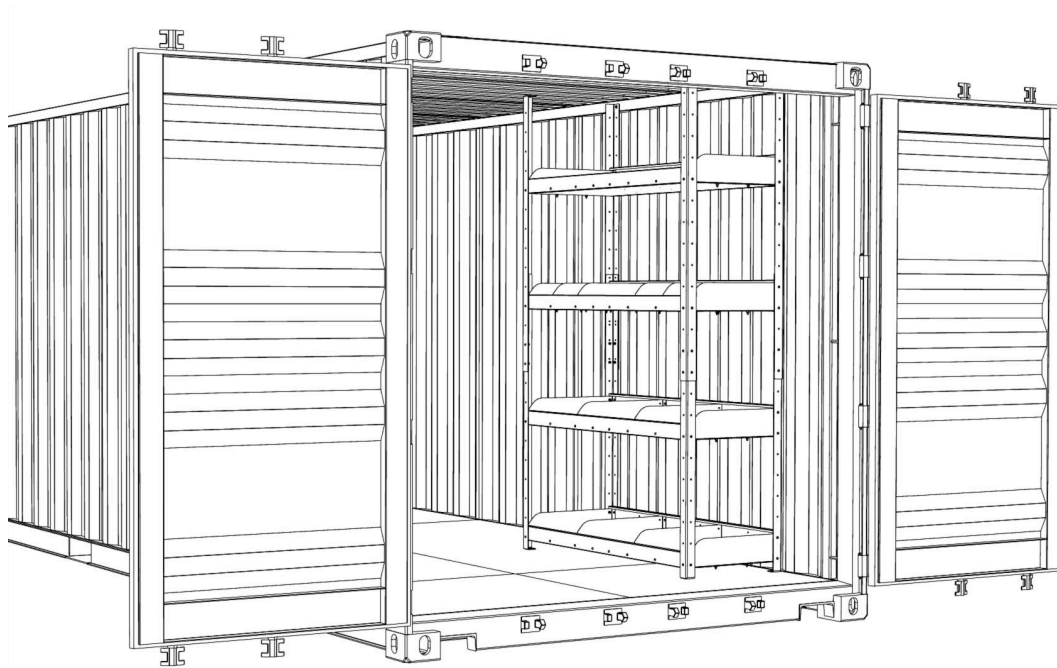
- **Back Upper Legs:** At the two pre-drilled locations, secure to the frame of the shipping container using 1.5" self-drilling screws.
- **Front Upper Legs (optional):** Secure to the top of the shipping container with 1.5" self-drilling screws . We strongly recommend using silicone sealant to weatherproof this attachment point from the roof. You may also use a rubber washer to help ensure no leakage from the roof point. Front leg securing is not mandatory and is at buyer's discretion.
- **Lower Legs:** Secure with self-drilling screws 2" into the plywood floor. .



Final Check:

- Verify the positioning of the shelves/workbenches.
- Ensure all screws, bolts, and nuts are securely tightened and the shelf is attached to the internal frame of the shipping container for safety.
- Ensure heavy loads are distributed evenly on the shelf.
- Add organisational hooks to any shelf front or workbench back as desired.

Your multi-purpose shelf/workbench is now ready for use!



Ready to upgrade your Shelf/Workbench or want to order additional parts?
email info@insulacontainers.com

Additional parts can be ordered to meet your needs.