INSTRUCTION MANUAL

## YipLogk Bag Organizer

## $14^{\prime \prime} \times 14^{\prime \prime} \times 3^{\prime \prime}$

By Jonathan Warshaw

## SHOPPING LIST

- 1 piece of $1 \times 3$ wood, 8 feet long
- 2 pieces of $1 / 4$ " plywood, each 14 " $\times 14^{\prime \prime}$
- 1-1/4" and $5 / 8^{\prime \prime}$ brad nails
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- Wood glue


## Shopping Tips

- Choose straight lumber: Look for warping.
- Inspect plywood: Check for smoothness.
- Quality glue: Ensure it's appropriate for wood.
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## CUTTING DIMENSIONS

- 3 pieces of 1x3 @ 12-1/2"
- 2 pieces of $1 \times 3$ @ 14"
- 2 pieces of $1 \times 3$ @ 7-3/4"
- 2 pieces of $1 / 4^{"}$ plywood or MDF, each $14^{\prime \prime} \times 14$ "


## Cutting Tips

- Measure twice and cut once for accuracy and less waste.
- Always use sharp blades to ensure clean and precise cuts.
- Secure the material properly to prevent slipping while cutting.
- Always follow safety rules, especially wearing goggles to protect your eyes.
- Practice cutting on scrap wood first to build your confidence.


## Cutting Instructions

- Cut the $1 \times 3$ s with a miter saw or chop saw. If unavailable, use a jigsaw or circular saw with a square as a guide.
- For the 1/4" plywood, use a circular saw, elevating the plywood on scrap wood or foam, or use a table saw.


## Tools



## INSTRUCTIONS

## Step 1

Tip: Use a 1 by 4 or 2 by 4 wood scrap to help space out the 3 1/2"


- Preparation of Side Assemblies: Begin by laying out two of the 12-1/2" long 1x3s on a flat surface. These will serve as the main horizontal supports. Next, take the $7-3 / 4^{\prime \prime}$ long $1 \times 3$ s and align them perpendicularly with the 12-1/2" long pieces. These shorter pieces should be set in 3-1/2" from each end of the $12-1 / 2^{\prime \prime}$ pieces, creating a symmetrical frame-like structure on both sides.
- Attachment Process: Carefully apply wood glue to the contacting surfaces of the $7-3 / 4^{\prime \prime}$ long pieces where they meet the $12-1 / 2^{\prime \prime}$ pieces. This will help create a strong bond between these components.
- Nailing: With the pieces glued, use 1-1/4" brad nails to secure the joints. Three or four nails per connection point should provide sturdy support. Ensure that the nails are driven straight and don't protrude from the other side.
- Alignment Check: Before the glue dries, take a moment to double-check that all pieces are properly aligned and square to one another. This will create a strong and straight frame for the organizer.


## INSTRUCTIONS

## Step 2



- Identify Parts: Recognize the assembled side assemblies of 12-1/2" and 7-3/4" long 1x3s. Prepare the 14" long 1x3s.
- Position Sides: Position the side assemblies upright. Align the 14 " long $1 \times 3$ s to the sides, ensuring a flush fit.
- Apply Glue: Add wood glue at the joints where the 14 " long $1 x 3$ s meet the side assemblies, avoiding excessive overflow.
- Nail Sides: Secure the aligned pieces with 1-1/4" brad nails, making sure they don't protrude.
- Attach Top: Place the other 14 " long $1 \times 3$ on top of the sides. Repeat the glue and nailing process.


## INSTRUCTIONS

## Step 3

5/8" brad nails and wood glue


- Prepare the Back Pieces: Identify the 2 pieces of $1 / 4$ " plywood or MDF, each measuring 14 " x 14". These will serve as the back of the organizer.
- Apply Glue: Apply wood glue to the edges of the $1 \times 3$ s where the plywood will connect, ensuring a strong bond.
- Position and Attach the Plywood: Align the plywood pieces with the back edges of the assembled structure, pressing firmly. Secure them in place using 5/8" brad nails, evenly spacing the nails to create a solid connection.
- Check for Alignment: Verify that the plywood is flush with the sides and top, making adjustments as needed for a perfect fit.
- Inspect the Attachment: Ensure that the plywood is securely attached and aligned with the rest of the organizer. If necessary, lightly sand the edges for a smooth finish.


## INSTRUCTIONS

## Step 4



- Prepare for Cutting: On the remaining 1/4" plywood panel, accurately mark out the locations for the cutouts that will hold the zip lock bags.
- Secure the Plywood: Firmly clamp the plywood to a stable worktable to prevent movement during cutting.
- Drill the Center Holes: Using a drill bit suitable for wood (such as a Kreg Jig bit), drill holes in the centers of the marked cutouts to guide the jigsaw.
- Cut the Cutouts: With a jigsaw equipped with a finish blade for wood, carefully cut out the marked shapes, staying on the inside of your drawn lines.
- Sand the Edges: Thoroughly sand the cut edges, ensuring they are smooth so that they won't damage the zip lock bags.
- Alternative Cutting Methods: If preferred, a scroll saw or router/dremmel can be used for the cutting process instead of a jigsaw.


## INSTRUCTIONS

## Step 5



Attach the Top: Once the cutouts are complete and edges are smooth, align and attach this piece to the top of the $1 \times 3$ s using wood glue and $5 / 8^{\prime \prime}$ brad nails.

