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IRONMAX IR-TH10086

IRONMAX Work Bench with Drawer and Pegboard - Instruction Manual

Model: IR-TH10086

1. Introduction

Thank you for choosing the IRONMAX Work Bench with Drawer and Pegboard. This heavy-duty workstation is designed to provide a robust and organized space for various projects in your garage, workshop, or auto shop. Featuring a durable iron frame, a spacious tabletop, two lower shelves, a smooth-gliding drawer, and a customizable pegboard with hanging kits, this workbench offers versatile storage and a reliable work surface. Please read this manual thoroughly before assembly and use to ensure safe and efficient operation.



Figure 1: Fully assembled IRONMAX Work Bench in a typical workshop environment.

2. Safety Information

Always follow these safety guidelines to prevent injury and damage to the workbench:

- **Read All Instructions:** Familiarize yourself with all assembly and operating instructions before use.
- **Proper Assembly:** Ensure all bolts, screws, and fasteners are securely tightened before using the workbench. Do not use the workbench if any parts are loose or damaged.
- **Weight Capacity:** Do not exceed the maximum weight capacities: 528 lbs total, 220 lbs for the tabletop, and 110 lbs for each lower shelf. Overloading can cause structural failure and injury.
- **Stable Surface:** Place the workbench on a flat, level, and stable surface. Uneven surfaces can lead to instability and tipping.
- **Personal Protective Equipment (PPE):** Wear appropriate safety gear, such as safety glasses and gloves, when working on the bench.

- **Keep Area Clear:** Maintain a clear and uncluttered workspace around the bench to prevent tripping hazards.
- **Children and Pets:** Keep children and pets away from the workbench during assembly and use.
- **Maintenance:** Regularly inspect the workbench for any signs of wear, damage, or loose components. Address any issues promptly.

3. Package Contents

Before beginning assembly, verify that all components are present and undamaged. If any parts are missing or damaged, please contact customer support.

- Powder-coated iron frame components
- P2-grade MDF tabletop
- Two P2-grade MDF lower shelves
- Pegboard panels
- Drawer assembly
- Non-slip foot pads
- Hardware kit (bolts, nuts, washers, etc.)
- 14-piece hanging kit for pegboard, including:
    - 1 x Wrench Set Rack
    - 3 x Tool Holders
    - 1 x Long Rack
    - 1 x Drill Bit Storage Rack
    - 8 x Pegboard Hooks
- Assembly instructions manual

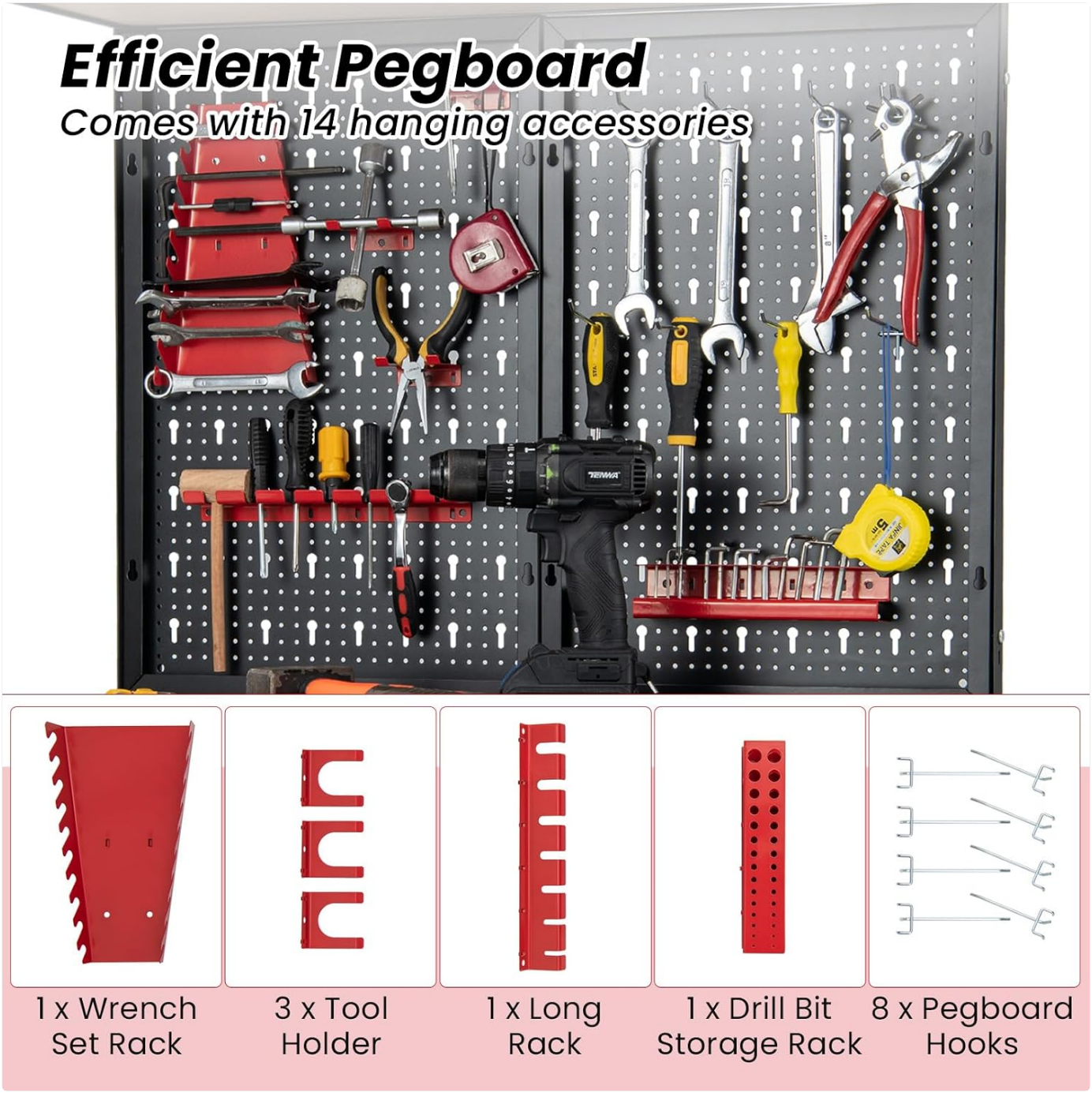


Figure 2: The pegboard with included 14-piece hanging kit components.

4. Assembly Instructions

4.1. Before You Begin

- Clear a spacious, well-lit area for assembly.
- Lay out all components and hardware. Refer to the parts list to ensure everything is present.
- You may need a Phillips head screwdriver, a wrench, and possibly a rubber mallet (not included).
- It is recommended to have two people for assembly.

4.2. Step-by-Step Assembly

1. **Assemble the Main Frame:** Begin by connecting the vertical support beams to the horizontal crossbars using the provided bolts and nuts. Ensure all connections are finger-tight at this stage.
2. **Attach Lower Shelves:** Slide the two P2-grade MDF lower shelves into the designated slots on the frame. Ensure

they are seated properly and level.

3. **Install the Tabletop:** Carefully place the main tabletop onto the top of the frame. Secure it with bolts.
4. **Assemble the Drawer:** Follow the specific instructions for assembling the drawer components. Attach the drawer slides to the workbench frame and the drawer itself. Insert the drawer into its position.
5. **Mount the Pegboard:** Attach the pegboard panels to the rear upper section of the workbench frame. Secure with the appropriate hardware.
6. **Install Non-slip Foot Pads:** Attach the non-slip foot pads to the bottom of each leg to protect your floor and enhance stability.
7. **Final Tightening:** Once all components are in place, systematically tighten all bolts and fasteners using a wrench. Do not overtighten.
8. **Attach Hanging Kits:** Organize and attach the 14-piece hanging kit components to the pegboard as desired for your tools.

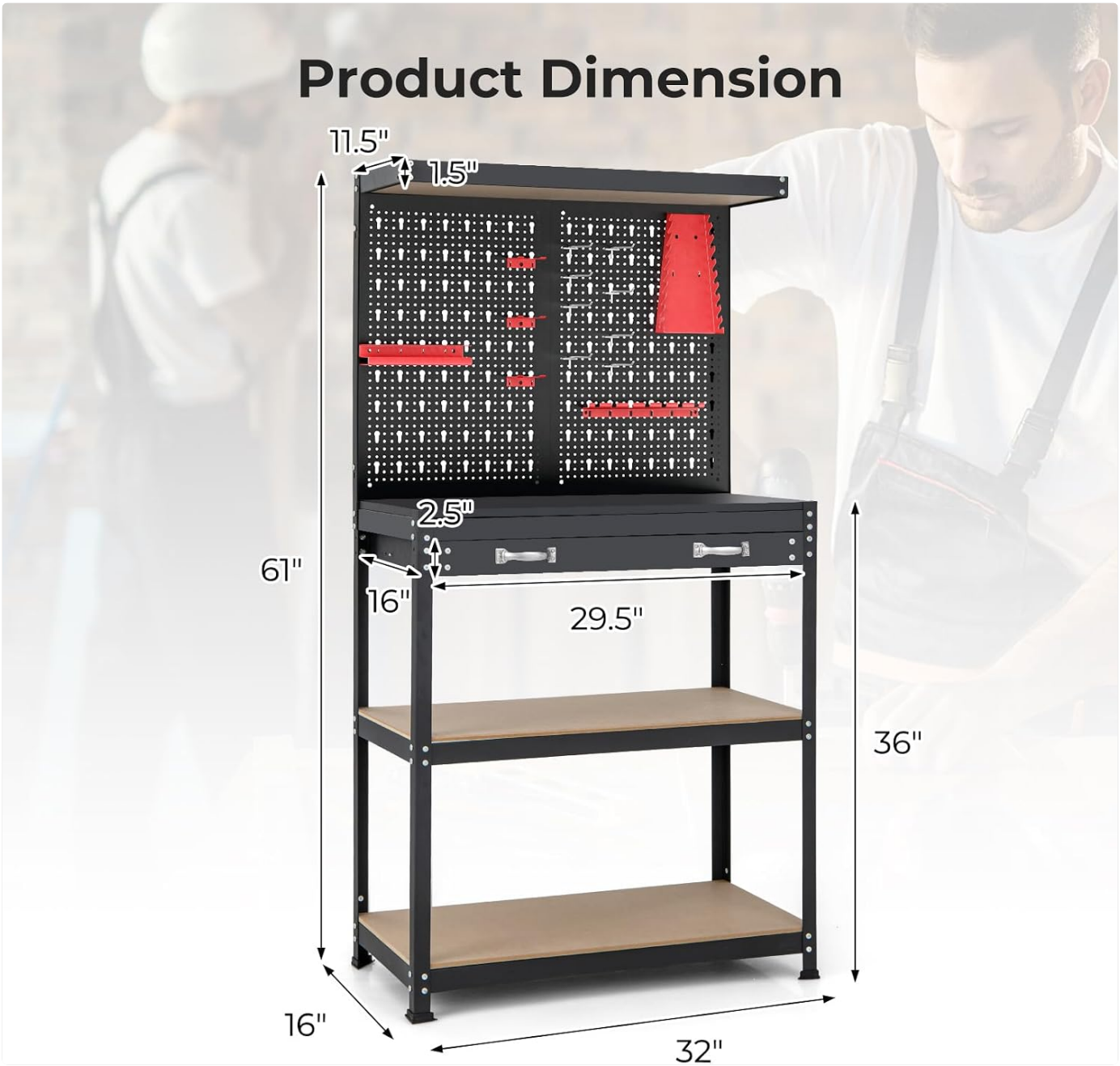


Figure 3: Product dimensions for assembly reference.



Figure 4: Details of reinforced bolt connections and non-slip foot pads.

5. Operating Your Workbench

5.1. Using the Work Surface

The 29.5"L x 16"W tabletop provides a sturdy surface for various tasks. Ensure that the weight distributed on the tabletop does not exceed 220 lbs. Always place heavy items centrally to maintain balance.

5.2. Utilizing the Pegboard

The pegboard is designed for efficient organization of hand tools. Use the included 14-piece hanging kit to arrange your tools. The pegboard fits standard 1/8" peg hooks, allowing for further customization. Distribute tools evenly to prevent imbalance.

5.3. Drawer Usage

The smooth-gliding drawer is ideal for storing small items, fasteners, or delicate tools. Avoid overloading the drawer to ensure smooth operation and prevent damage to the slides.

5.4. Shelf Storage

The two lower shelves offer additional storage for power tools, toolboxes, and accessories. Each shelf can support up to 110 lbs. Place heavier items on the lower shelf for better stability.



Figure 5: Overview of the workbench's storage components.



Figure 6: Detailed view of the drawer and shelf storage capabilities.

6. Care and Maintenance

Regular maintenance will extend the life and performance of your IRONMAX Work Bench:

- **Cleaning:** Wipe down the powder-coated frame and MDF surfaces with a damp cloth. Avoid abrasive cleaners that could damage the finish.
- **Rust Prevention:** The powder-coated frame is designed to resist rust. However, avoid prolonged exposure to moisture or harsh chemicals to maintain its integrity.
- **Fastener Check:** Periodically check all bolts and fasteners to ensure they remain tight. Retighten as necessary.
- **Drawer Slides:** If the drawer slides become stiff, apply a small amount of silicone lubricant to ensure smooth operation.
- **Load Distribution:** Always distribute weight evenly across the tabletop and shelves to prevent stress on specific points.



Figure 7: Key features for durability and maintenance, including anti-slip footpads and drawer slides.

7. Troubleshooting

If you encounter any issues with your workbench, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Workbench is wobbly or unstable.	Loose fasteners; uneven floor; overloaded.	Ensure all bolts are securely tightened. Move the workbench to a level surface. Redistribute weight or reduce load.
Drawer does not slide smoothly.	Overloaded drawer; debris in slides; dry slides.	Reduce weight in the drawer. Clean drawer slides. Apply silicone lubricant to slides.
Pegboard hooks do not fit or fall out.	Incorrect hook size; hooks not fully inserted.	Ensure you are using 1/8" peg hooks. Insert hooks firmly into the pegboard holes.
Scratches or damage to tabletop.	Sharp objects; abrasive materials.	Use a protective mat or cover when working with sharp tools or abrasive materials.

8. Product Specifications

Feature	Detail
Brand	IRONMAX
Model Number	IR-TH10086
Overall Dimensions (L x W x H)	32" x 16" x 61"
Tabletop Dimensions (L x W)	29.5" x 16"
Material	Engineered Wood (MDF), Iron
Frame Material	Metal (Powder Coated)
Color	Black + Red
Item Weight	57.5 Pounds
Total Load Capacity	528 Pounds
Tabletop Load Capacity	220 Pounds
Shelf Load Capacity (each)	110 Pounds
Pegboard Type	Fits 1/8" peg hooks
Assembly Required	Yes
UPC	798470605596



Figure 8: Load capacities and construction details.

9. Warranty and Customer Support

For warranty information, missing parts, or any questions regarding your IRONMAX Work Bench, please contact the retailer or manufacturer directly. Keep your purchase receipt for proof of purchase.

Manufacturer: IRONMAX

Contact Information: Refer to your purchase documentation or the IRONMAX official website for the most current customer support details.

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