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VEVOR 500lb

VEVOR Folding Welding Table User Manual

Model: 500lb

1. Introduction

Thank you for choosing the VEVOR Folding Welding Table. This manual provides essential information for the safe and efficient assembly, operation, and maintenance of your welding table. Please read these instructions carefully before use and retain them for future reference.

2. Safety Instructions

Always prioritize safety when working with tools and equipment. Failure to follow these safety guidelines may result in injury or damage to the product.

- Ensure the welding table is placed on a stable, level surface before use.
- Do not exceed the maximum load capacity of 500 lbs (226 kg).
- Verify that all locking mechanisms for the legs and height adjustment are securely engaged before placing items on the table.
- Wear appropriate personal protective equipment (PPE) when welding or performing other tasks on the table, including welding helmets, gloves, and protective clothing.
- Keep the work area clean and free of clutter to prevent accidents.
- Do not modify the welding table in any way, as this may compromise its structural integrity and void the warranty.
- Keep children and unauthorized personnel away from the work area.

3. Product Overview

The VEVOR Folding Welding Table is designed for versatility and durability, featuring a robust carbon steel frame and a spacious work surface. Its foldable design allows for easy storage and transport.

Key Features:

- **Strong Load Capacity:** Supports up to 500 lbs (226 kg) for heavy-duty tasks.
- **Foldable Design:** Legs fold for compact storage and portability.
- **Adjustable Height:** 4-level height adjustment from 29.5 to 36.5 inches (750-928 mm).
- **Spacious Work Surface:** 44 x 21 inches (1118 x 533 mm) tabletop.

- **Integrated Tool Management:** Features 0.65-inch (16 mm) fixture holes (2-inch spacing) and 6 tool slots for organized work.
- **Durable Construction:** Made from high-strength carbon steel with a painted finish for wear and rust resistance.

Components:

- Welding Tabletop
- Folding Legs with Height Adjustment Mechanism
- Locking Knobs for Legs and Height
- Integrated Handle for Portability



Figure 3.1: Overview of foldable legs, height adjustment, and integrated handle.



Figure 3.2: Detail of the sturdy carbon steel frame and 500 lbs maximum load capacity.

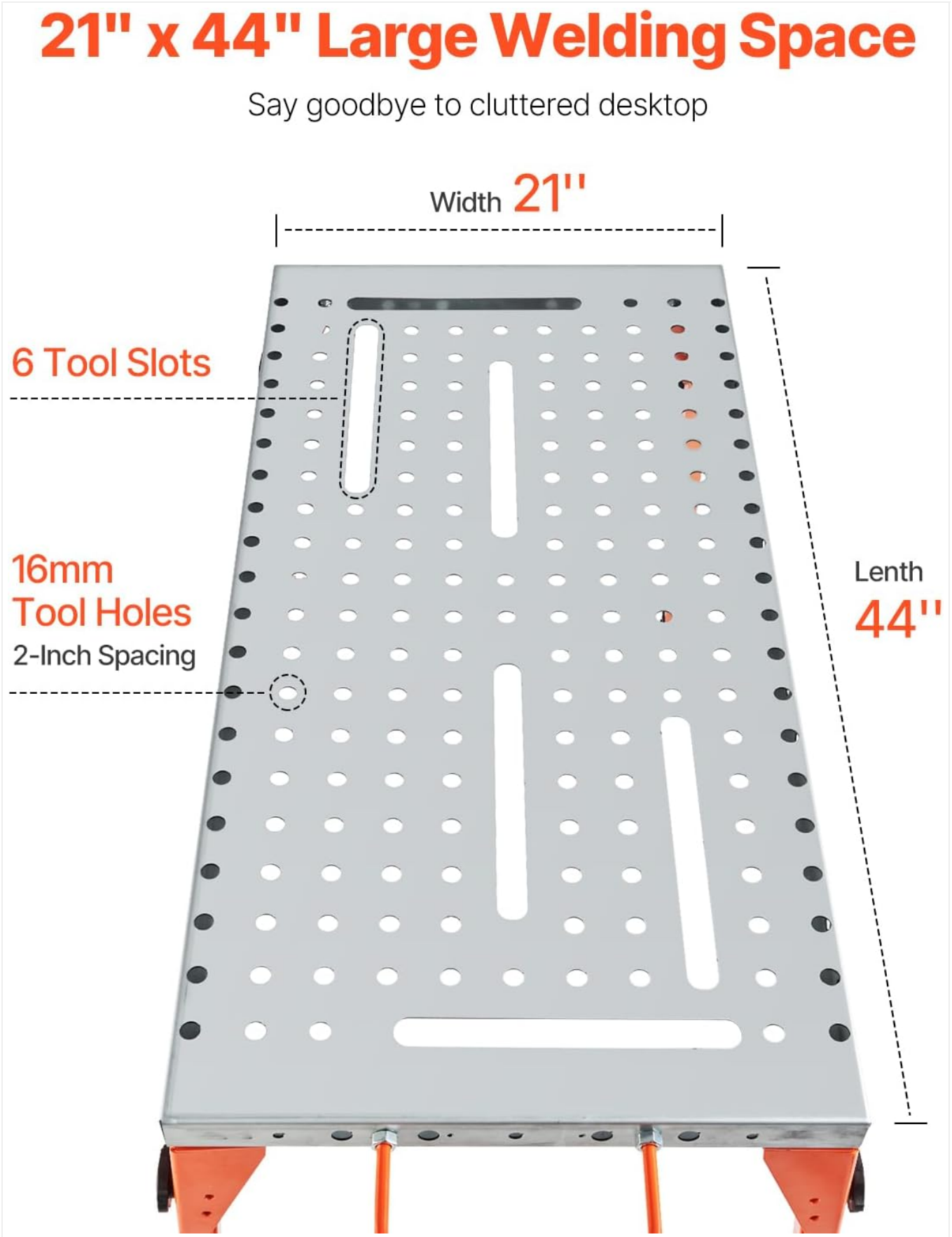

Figure 3.3: The 21" x 44" work surface with tool slots and fixture holes.

4. Setup

The VEVOR Folding Welding Table features a pre-installed design, simplifying the setup process. The tabletop and legs are pre-attached, requiring minimal assembly.

Unfolding the Table:

1. Place the folded table on a flat surface with the legs facing upwards.
2. Carefully unfold each leg assembly outwards until they are fully extended.
3. Secure the legs in place using the provided locking knobs. Ensure they are tightened firmly to prevent wobbling.
4. Flip the table over so it rests on its feet.

Adjusting Height:

1. Locate the height adjustment pins or levers on each leg.
2. Simultaneously depress the pins or release the levers on all four legs.
3. Raise or lower the tabletop to one of the four desired height settings (29.5, 31.5, 33.5, or 36.5 inches).
4. Ensure the pins snap securely into place at the chosen height for all legs. Verify that the table is level and stable before use.

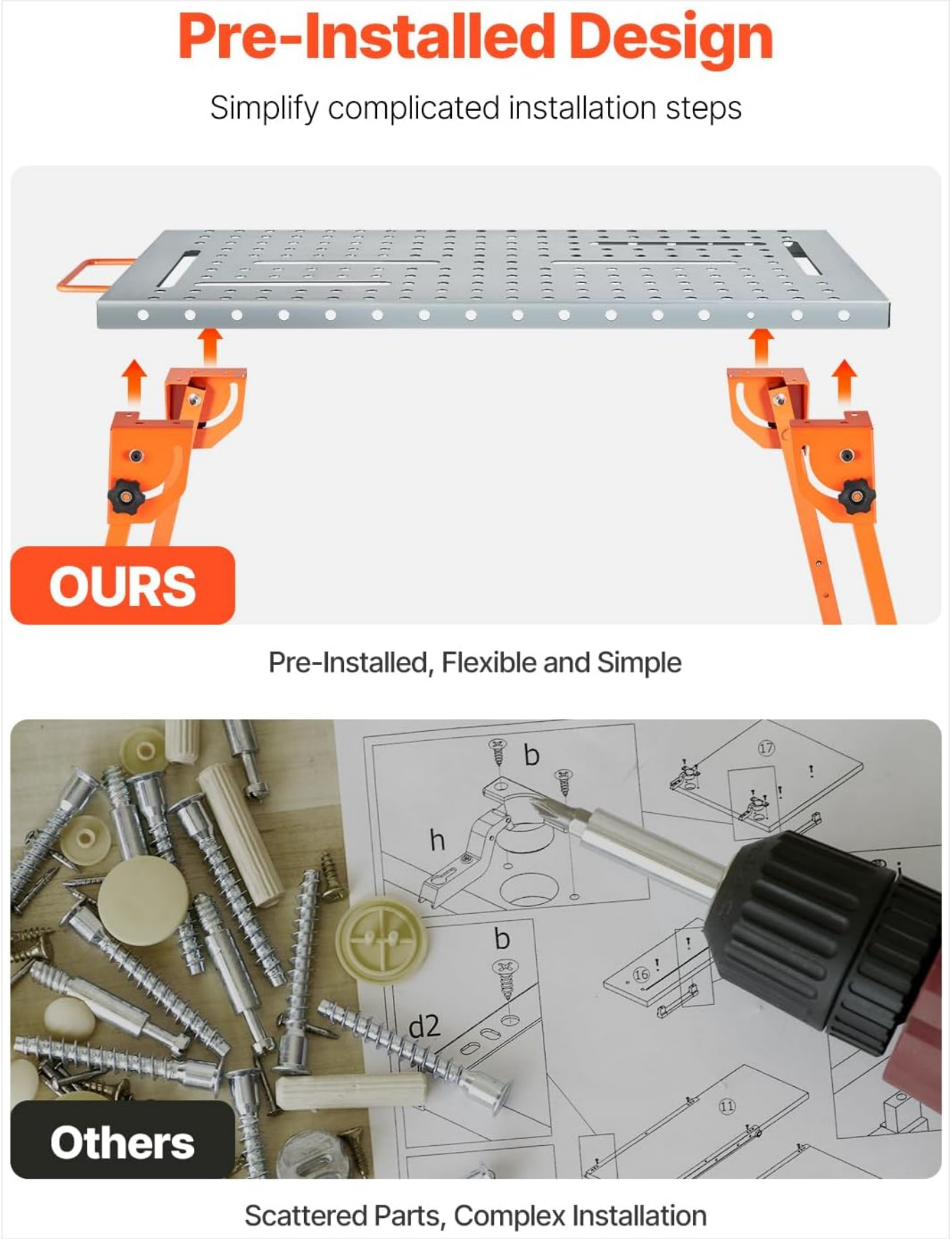

Figure 4.1: The pre-installed design simplifies setup.

5. Operating Instructions

This welding table is designed to provide a stable and organized workspace for various tasks, including welding, assembly, and repair.

Using the Work Surface:

- Place your workpiece directly on the carbon steel tabletop. The robust surface is designed to withstand welding heat and sparks.
- Utilize the 0.65-inch (16 mm) fixture holes to secure clamps, stops, and other accessories, ensuring your workpiece remains stable during operations.
- The 2-inch spacing of the holes provides flexibility for various clamping configurations.

Tool Organization:

- The 6 integrated tool slots allow you to keep frequently used tools within easy reach, promoting an organized and efficient workspace.
- Store welding rods, pliers, measuring tapes, and other small tools in these slots.

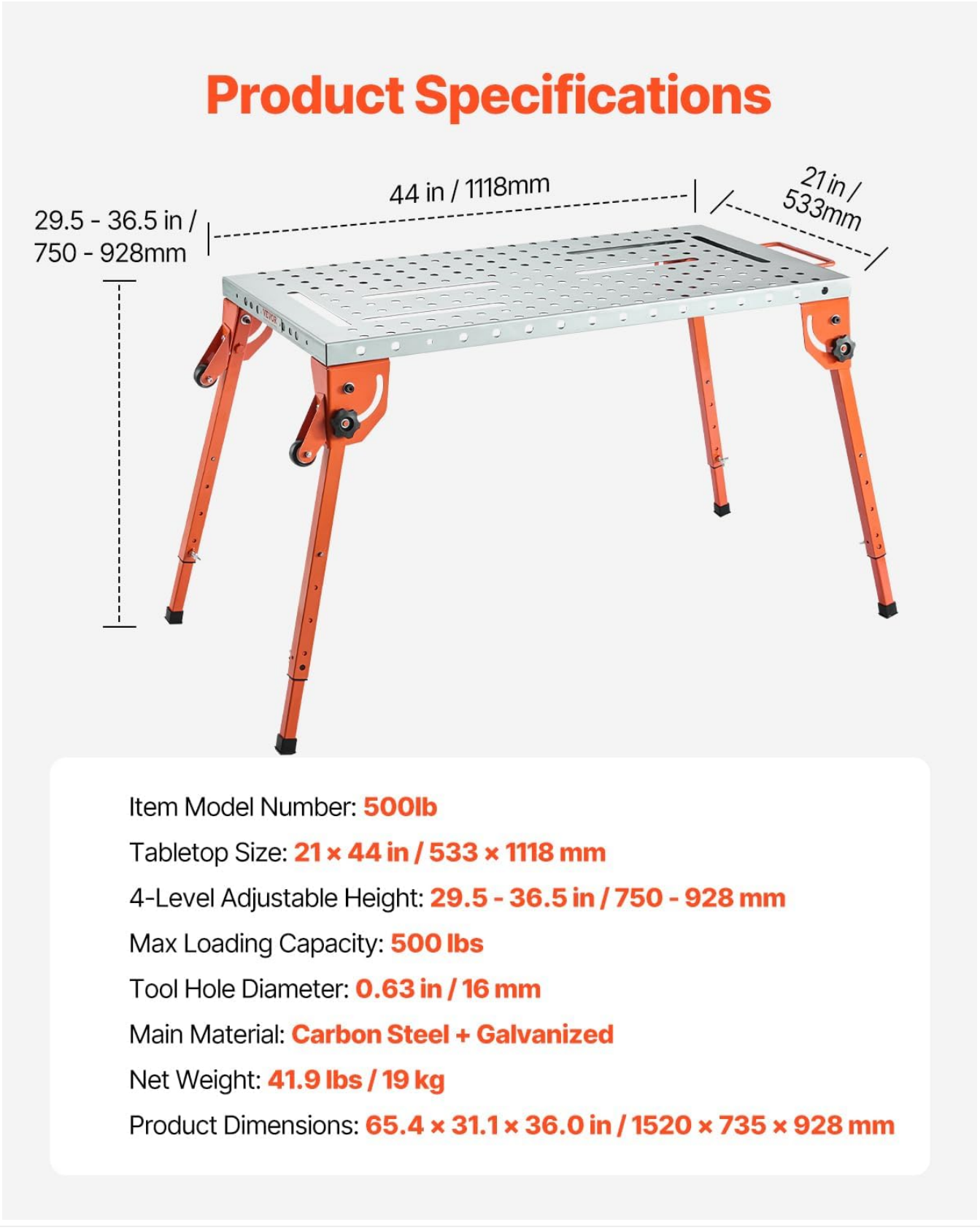

Figure 5.1: Examples of the welding table in use for various applications.

6. Maintenance

Regular maintenance ensures the longevity and safe operation of your welding table.

- **Cleaning:** After each use, clean the tabletop to remove welding spatter, dust, and debris. A wire brush or scraper can be used for stubborn spatter.
- **Inspection:** Periodically inspect the table for any signs of damage, such as bent legs, loose fasteners, or

excessive wear. Pay close attention to the locking mechanisms.

- **Lubrication:** Apply a light lubricant to the leg folding mechanisms and height adjustment points if they become stiff.
- **Storage:** When not in use, fold the table and store it in a dry, protected area to prevent rust and damage. The integrated handle facilitates easy transport and storage.
- **Rust Prevention:** The table has a painted finish for rust resistance. If the paint is chipped, consider touching it up to prevent rust formation.

7. Troubleshooting

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

- **Table is wobbly:**
  - Ensure all leg locking knobs are fully tightened.
  - Verify that the height adjustment pins are securely engaged in their respective holes on all four legs.
  - Check if the table is on a level surface. Adjust the surface or reposition the table as needed.
- **Legs are difficult to fold/unfold or adjust height:**
  - Apply a small amount of lubricant to the pivot points and sliding mechanisms of the legs.
  - Ensure no debris is obstructing the movement of the legs or adjustment pins.
- **Rubber feet detach easily:**
  - The rubber feet are designed to protect floors and provide grip. If they frequently detach, they can be secured with self-tapping screws (not included) for a more permanent fix.

8. Specifications

Detailed specifications for the VEVOR Folding Welding Table.

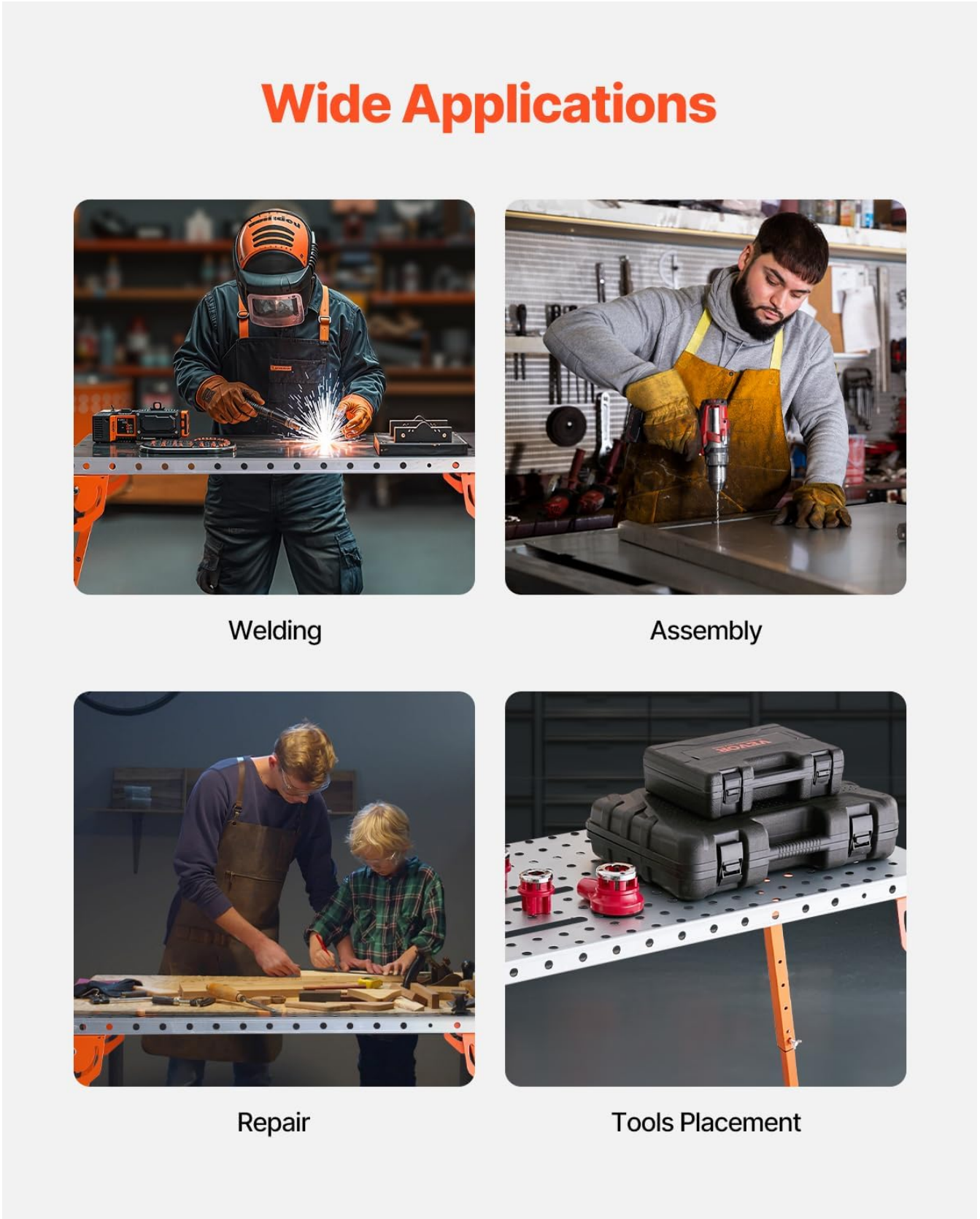

Figure 8.1: Product dimensions and specifications.

Feature	Specification
Item Model Number	500lb
Tabletop Size	21 x 44 inches (533 x 1118 mm)

Feature	Specification
4-Level Adjustable Height	29.5 - 36.5 inches (750 - 928 mm)
Max Loading Capacity	500 lbs (226 kg)
Tool Hole Diameter	0.63 inches (16 mm)
Main Material	Carbon Steel + Galvanized
Net Weight	41.9 lbs (19 kg)
Product Dimensions (Folded)	Approximately 65.4 x 31.1 x 36.0 inches (1520 x 735 x 928 mm) *-Note: This dimension seems to be for the unfolded state based on the image. Please refer to the diagram for precise folded dimensions.*
Color	Orange
UPC	197988646617

9. Warranty and Support

Specific warranty information for this product is not available in the provided data. For warranty details, technical support, or replacement parts, please contact VEVOR customer service directly or refer to the official VEVOR website. You can typically find contact information on the product packaging or by visiting the VEVOR brand store online: VEVOR Store

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