

Klutch 61158

Klutch Steel Welding Table Instruction Manual

Model: 61158

1. IMPORTANT SAFETY INFORMATION

Read and understand all instructions before assembling, operating, or maintaining this welding table. Failure to follow these instructions may result in serious injury or property damage. Keep this manual for future reference.

- **Work Area Safety:** Ensure your work area is clean, well-lit, and free from clutter. Do not operate the table in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) including safety glasses, welding helmet, gloves, and protective clothing when working on or near the table, especially during welding operations.
- **Table Stability:** Ensure the table is placed on a stable, level surface. Adjust the leveling feet as necessary to prevent wobbling. Do not overload the table beyond its stated weight capacity of 600 lbs.
- **Proper Use:** Use the table only for its intended purpose as a welding and fabrication workbench. Do not use it as a step stool or for purposes not specified in this manual.
- **Children and Bystanders:** Keep children and bystanders away from the work area. Do not allow them to operate or play near the welding table.
- **Maintenance:** Regularly inspect the table for damage or loose components. Do not use the table if any parts are damaged or missing.

2. PACKAGE CONTENTS

Carefully unpack all components and verify that you have received all items listed below. If any parts are missing or damaged, contact Klutch customer support immediately.

- Welding Table Top (1)
- Table Legs (4)
- Cross Braces (2)
- Leveling Feet (4)
- Hardware Pack (Bolts, Nuts, Washers)

- 24-Piece Metal Fit-Up Kit (various clamps, bolts, and accessories)



Image Description: This image displays the complete Klutch Steel Welding Table, disassembled into its main components: the perforated steel tabletop, four black steel legs, and two cross braces. Below the table, the 24-piece metal fit-up kit is laid out, showing various clamps, bolts, and other accessories used for securing workpieces.

3. SETUP AND ASSEMBLY

Follow these steps to assemble your Klutch Steel Welding Table. It is recommended to have a second person assist with assembly due to the weight of the components.

1. **Prepare the Work Area:** Clear a spacious, level area for assembly. Lay out all components and hardware.
2. **Attach Legs to Tabletop:** Carefully place the welding table top upside down on a soft, protected surface to prevent scratches. Attach each of the four legs to the designated mounting points on the underside of the tabletop using the provided bolts, nuts, and washers. Do not fully tighten the hardware at this stage.
3. **Install Cross Braces:** Connect the two cross braces between the legs. These braces provide additional stability. Secure them with the remaining hardware, again, do not fully tighten.
4. **Tighten Hardware:** Once all components are loosely assembled, carefully flip the table upright. Ensure the table is stable and level. Systematically tighten all bolts and nuts securely.

5. **Adjust Leveling Feet:** Screw the four leveling feet into the bottom of each leg. Adjust them individually to ensure the table is perfectly level and stable on your work surface. This is crucial for accurate work and safety.



Image Description: This image highlights the heavy-duty construction of the Klutch Steel Welding Table, emphasizing its 600-pound weight capacity. The table is shown fully assembled, with its sturdy black steel frame and perforated top, set against a patterned background with the Klutch logo.

DURABLE SURFACE

4MM THICK TOP

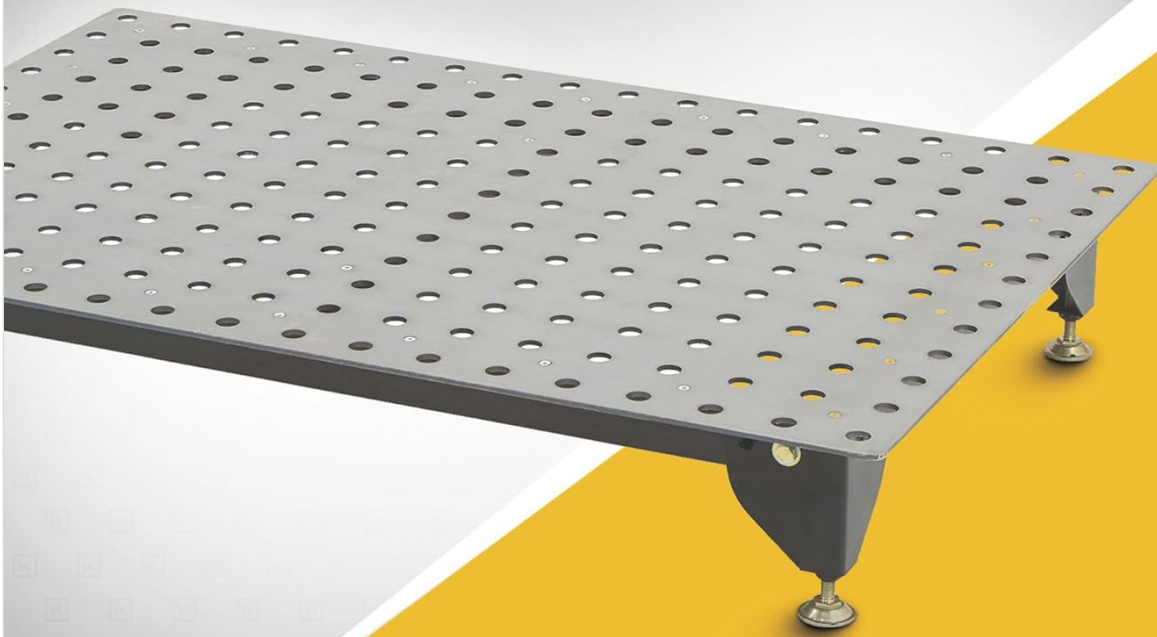


Image Description: A close-up view of the Klutch Steel Welding Table's durable surface, highlighting its 4mm thick steel top. The image clearly shows the grid of 16mm holes across the tabletop, designed for versatile clamping and fixturing.

4. OPERATING INSTRUCTIONS

The Klutch Steel Welding Table is designed for versatile use in welding and fabrication. Its perforated surface and included fit-up kit allow for precise positioning and securing of workpieces.

Using the 16mm Holes and Fit-Up Kit:

- The table features a grid of 16mm holes spaced 2 inches apart. These holes are compatible with the included 24-piece metal fit-up kit and other standard welding table accessories.
- To secure a workpiece, insert the appropriate clamps or bolts from the fit-up kit into the 16mm holes closest to your workpiece.
- Tighten the clamps or bolts to firmly hold the workpiece in place. Ensure the workpiece is stable and will not shift during welding or fabrication.
- Experiment with different configurations of the fit-up kit components to achieve optimal clamping for various shapes and sizes of material.



Image Description: This image showcases the innovative design of the Klutch Steel Welding Table, highlighting its 16mm holes. The table is shown with several clamps inserted into the holes, demonstrating how workpieces can be securely positioned for welding or fabrication tasks.

LARGE WORKSPACE

36 INCH L X 24 INCH W



Image Description: A welder is shown actively working on the Klutch Steel Welding Table, demonstrating its large workspace. The image emphasizes the table's dimensions (36 inches L x 24 inches W) and its suitability for various welding projects, with tools and materials arranged on its surface.

METAL FIT-UP KIT

24-PC INCLUDED



Image Description: This image displays the comprehensive 24-piece metal fit-up kit included with the Klutch Steel Welding Table. Various components such as clamps, bolts, and other accessories are neatly arranged, illustrating the versatility they offer for securing different types of metal workpieces.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your welding table.

- **Cleaning:** After each use, clean the table surface to remove welding spatter, slag, and debris. A wire brush or scraper can be used for stubborn residue.
- **Rust Prevention:** The steel surface can be prone to rust, especially in humid environments. Apply a thin coat of rust-preventative oil or wax to the tabletop periodically, particularly if storing the table for extended periods.
- **Hardware Check:** Periodically check all bolts, nuts, and fasteners to ensure they remain tight. Re-tighten as necessary to maintain table stability.
- **Leveling Feet:** Ensure the leveling feet are clean and free of debris to allow for smooth adjustment.
- **Storage:** Store the table in a dry environment to prevent corrosion.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your welding table.

Problem	Possible Cause	Solution
Table is wobbly/unstable.	Uneven floor surface; loose hardware; leveling feet not adjusted properly.	Adjust leveling feet until stable; ensure all assembly hardware is securely tightened.
Workpiece not holding securely.	Clamps not tightened sufficiently; incorrect clamp placement; damaged fit-up kit components.	Ensure clamps are fully tightened; reposition clamps for better grip; inspect fit-up kit for damage and replace if necessary.
Rust appearing on tabletop.	High humidity; lack of protective coating; prolonged exposure to moisture.	Clean off rust with a wire brush or abrasive pad; apply rust-preventative oil or wax; store in a dry environment.

7. SPECIFICATIONS

- **Model:** 61158
- **Brand:** Klutch
- **Material:** Alloy Steel, Metal
- **Dimensions (L x W x H):** 36 in. x 24 in. x 33 1/4 in.
- **Tabletop Thickness:** 4mm
- **Weight Capacity:** 600 lbs
- **Item Weight:** 79 lbs
- **Hole Size:** 16mm
- **Hole Spacing:** 2 inches (approx.)
- **Color:** Black

8. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the official Klutch documentation or contact Klutch directly. You may also find additional information in the [User Manual \(PDF\)](#) provided by the manufacturer. For assistance with parts, assembly, or operation, please reach out to the retailer or manufacturer's customer service department.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question