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Master Force 36x16 Steel Welding Table

Masterforce 36" x 16" Steel Welding Table Instruction Manual

INTRODUCTION

This manual provides essential instructions for the safe assembly, operation, and maintenance of your Masterforce 36" x 16" Steel Welding Table. Please read this manual thoroughly before assembly and use to ensure proper function and longevity of the product.

SAFETY INFORMATION

WARNING: Always follow basic safety precautions when using this product to reduce the risk of personal injury or damage to the product.

- Ensure all components are securely fastened before use.
- Do not exceed the maximum load capacity of 1000 lbs (453 kg).
- Use appropriate personal protective equipment (PPE) when welding or performing other tasks on the table.
- Place the table on a stable, level surface.
- Keep children and unauthorized persons away from the work area.
- The gold iridite, zinc-plated steel top is corrosion-resistant and flameproof, but always exercise caution with heat sources.

PACKAGE CONTENTS

Verify that all parts are present before beginning assembly. If any parts are missing or damaged, contact Masterforce customer support.

- Welding Table Top (Gold Iridite, Zinc-Plated Steel)
- Leg Assemblies (2)
- Steel Grid Storage Shelf
- Assembly Hardware (bolts, nuts, washers)
- Instruction Manual (this document)

SETUP AND ASSEMBLY

Assembly is required for this welding table. Follow these steps carefully:

1. Unpack all components and lay them out on a clean, flat surface.
2. Attach the leg assemblies to the welding table top using the provided hardware. Ensure all bolts are finger-tightened initially.
3. Insert the steel grid storage shelf between the leg assemblies at the designated height. Secure it with the appropriate hardware.
4. Once all components are in place, fully tighten all bolts and nuts with a wrench. Do not overtighten.
5. Verify the table is stable and level before placing any weight on it.



Figure 1: Fully assembled Masterforce 36" x 16" Steel Welding Table, showing the gold-plated top and green leg structure with a lower grid shelf.



Figure 2: Side view of the Masterforce welding table, highlighting the sturdy leg design and the lower storage shelf.

OPERATING INSTRUCTIONS

The Masterforce Steel Welding Table is designed for various welding and fabrication tasks. Its features enhance efficiency and safety.

Working Area

The 36" x 16" working area provides ample space for projects. The gold iridite, zinc-plated steel top offers excellent

corrosion resistance and is flameproof, making it suitable for high-temperature applications.

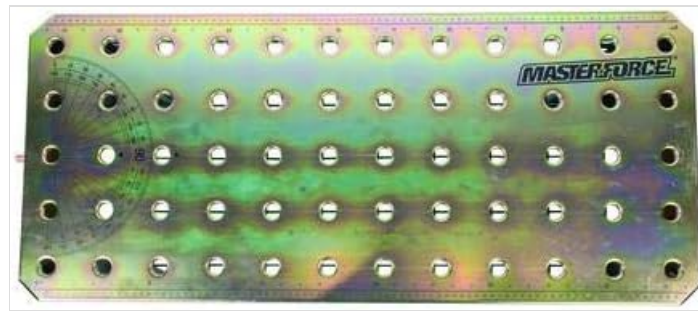


Figure 3: Close-up of the welding table's top surface, showing the numerous 3/4" peg holes and integrated angle markings for precise work holding.

Clamping and Work Holding

The table features 3/4" peg holes designed for use with common table clamps and stops. These holes allow for versatile and secure positioning of workpieces. Side holes are also available for convenient clamp storage when not in use.

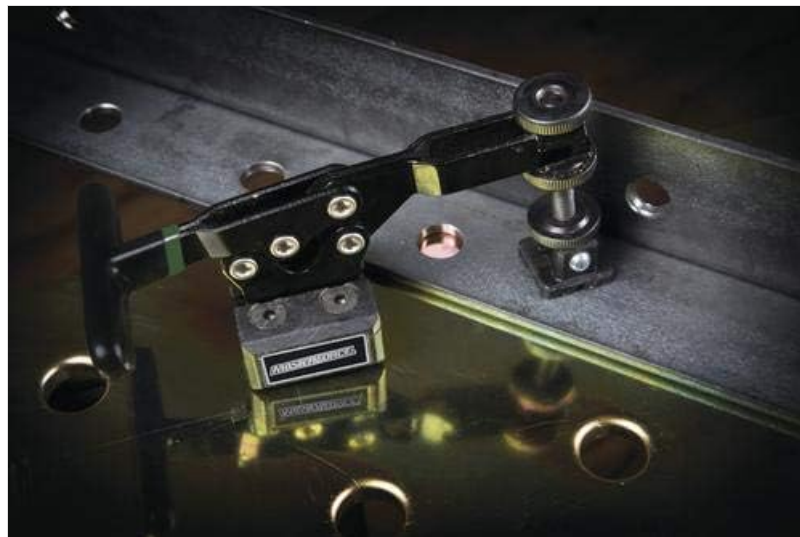


Figure 4: Example of a clamp securely fastened into one of the 3/4" peg holes on the Masterforce welding table, demonstrating work holding capability.

Storage Shelf

The steel grid shelf located beneath the tabletop provides easy access and storage for tools, materials, and accessories, keeping your workspace organized.

MAINTENANCE

- **Cleaning:** Regularly clean the tabletop and frame to remove welding spatter, dust, and debris. Use a wire brush or scraper for spatter, and a damp cloth for general cleaning.
- **Inspection:** Periodically inspect all bolts and connections to ensure they remain tight. Retighten as necessary.
- **Corrosion Protection:** While the top is corrosion-resistant, avoid prolonged exposure to moisture or harsh chemicals to maintain its finish.
- **Storage:** Store the welding table in a dry environment when not in use.

TROUBLESHOOTING

Table Instability

If the table feels unstable:

- Ensure all assembly bolts are fully tightened.
- Verify the table is placed on a flat, level surface.
- Check for any damaged components.

Difficulty with Clamps

If clamps do not fit or secure properly in the peg holes:

- Ensure you are using clamps designed for 3/4" peg holes.
- Clear any debris or spatter from inside the peg holes.

SPECIFICATIONS

Feature	Specification
Model	36" x 16" Steel Welding Table
Brand	Master Force
Working Area Dimensions	36" x 16" (approx. 91.4 cm x 40.6 cm)
Load Capacity	1000 lbs (approx. 453 kg)
Material (Top)	Gold Iridite, Zinc-Plated Steel
Material (Frame)	Alloy Steel
Peg Hole Size	3/4"
Minimum Height	29.75 Inches
Assembly Required	Yes
UPC	308175598941
ASIN	B08HM3WDBP

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the manufacturer's official website or contact Masterforce customer service directly. Keep your purchase receipt for any warranty claims.