

Mophorn 500W Electric Sheet Metal Shear

Mophorn 500W Electric Sheet Metal Shear User Manual

Model: 500W Electric Sheet Metal Shear

Brand: Mophorn

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Mophorn 500W Electric Sheet Metal Shear. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

2. SAFETY INSTRUCTIONS

WARNING: Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use safety glasses or goggles. Wear appropriate personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection for appropriate conditions.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Maintenance:** Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

3. PRODUCT OVERVIEW

The Mophorn 500W Electric Sheet Metal Shear is designed for efficient and precise cutting of various metal sheets. Its robust construction and powerful motor ensure reliable performance.



Overall view of the Mophorn 500W Electric Sheet Metal Shear, showcasing its compact design and ergonomic handle.



The powerful 500W full copper core motor ensures high performance and durability, supported by an efficient cooling system.



Equipped with a multi-element alloy steel cutting head for sharp and wear-resistant performance, and a sturdy aluminum alloy shell.



The high-quality plastic handle is ergonomically designed for comfortable and labor-saving operation.

Key Features:

- **Durable Material:** Multi-element alloy steel cutting head for strength and resistance, aluminum alloy shell for robustness.
- **Copper Motor:** Smooth intake and exhaust system, excellent cooling performance, significantly improving motor durability.
- **Ergonomic Handle:** High-quality plastic handle designed for comfort and ease of use.
- **Switch and Base Design:** Slide switch for easy one-handed operation and a U-shaped stainless steel base for high strength and rust prevention.

4. SETUP

Before first use, ensure the tool is properly assembled and all components are securely fastened. Inspect the cutting head for any damage or wear.



Refer to the dimensions for proper handling and storage. The tool measures approximately 8.6 inches (21.8 cm) in height, 8.2 inches (20.8 cm) in length, and 3.2 inches (8.1 cm) in width.

Connect the power cord to a suitable power outlet. Ensure the power supply matches the voltage requirements of the tool.

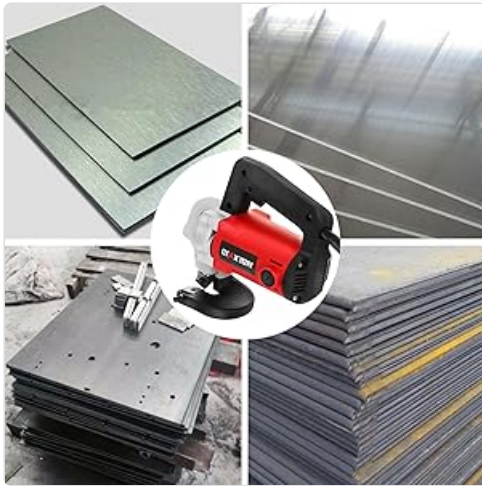
5. OPERATING INSTRUCTIONS

The Mophorn Electric Sheet Metal Shear is designed for cutting various types of metal sheets. Always ensure the material is properly secured before cutting.



Utilize the convenient slide switch for easy operation. The self-locking switch allows for continuous use, and the stainless steel base provides stability and anti-rust

properties.



This shear is widely used for cutting iron plates, steel plates, stainless steel plates, aluminum plates, and other similar materials.

Cutting Procedure:

1. Ensure the workpiece is stable and marked for cutting.
2. Hold the shear firmly with both hands, ensuring a secure grip on the ergonomic handle.
3. Align the cutting head with the marked line on the material.
4. Engage the slide switch to start the tool.
5. Apply steady, even pressure to guide the shear along the cutting line. Do not force the tool.
6. Once the cut is complete, release the switch and allow the tool to come to a complete stop before setting it down.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your electric sheet metal shear.

Cleaning:

- After each use, disconnect the tool from the power supply.
- Clean the cutting head and surrounding areas of any metal shavings or debris using a brush or compressed air.
- Wipe down the exterior of the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners.

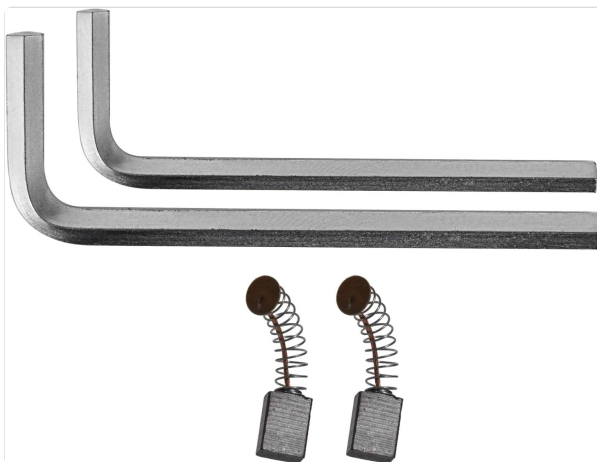
Carbon Brush Replacement:

Carbon brushes are wear parts and need to be replaced periodically to maintain motor efficiency.

REPLACEABLE CARBON BRUSH



Locate the carbon brush caps on the motor housing. Unscrew the old carbon brushes and install new ones, ensuring they are properly seated.



The tool comes with essential accessories, including hex keys for adjustments and spare carbon brushes for future replacement.

Storage:

Store the tool in a dry, secure place, out of reach of children. Protect it from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your Mophorn Electric Sheet Metal Shear, refer to the following common troubleshooting tips:

- **Tool Not Starting:** Check if the power cord is securely plugged into a working outlet. Ensure the switch is fully engaged. Verify the power supply is active.
- **Reduced Cutting Performance:** Inspect the cutting head for wear or damage. Replace carbon brushes if they are worn out. Ensure the material being cut is within the tool's specified capacity.
- **Excessive Noise or Vibration:** Disconnect power and check for any loose parts or foreign objects. If the issue persists, professional inspection may be required.

For problems not listed here, or if the issue persists after attempting these solutions, please contact customer

support.

8. SPECIFICATIONS

Specification	Value
Manufacturer	Mophorn
Color	3.2mm (referring to cutting capacity)
ASIN	B07RT57VML
First Available Date	August 21, 2021
Power	500W (Inferred from product title)
Cutting Capacity	Up to 3.2 mm (Inferred from product title)

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact Mophorn customer service through their official channels. Keep your purchase receipt as proof of purchase for any warranty claims.

<div data-bbox="124 103 300 120" data-label="Section-Header"><p>Additional notes</p></div> <div data-bbox="124 125 300 152" data-label="Text"><p>Distiller Assembly The silicone seal is placed on the distiller. When placing or repairing it, be sure that the rounded side is facing up.</p></div> <div data-bbox="124 156 300 210" data-label="Image"></div> <div data-bbox="124 215 300 241" data-label="Text"><p>Remove the metal caps from the lid and insert the charcoal packets into it. Reattach and secure it into the distiller's lid as shown. Check that the caps are in place.</p></div> <div data-bbox="124 246 300 300" data-label="Image"></div> <div data-bbox="124 304 300 358" data-label="Image"></div> <div data-bbox="124 362 300 416" data-label="Image"></div>	<div data-bbox="341 380 995 412" data-label="Section-Header"><p>Mophorn Pure Water Distiller Assembly and Usage Notes</p></div> <div data-bbox="341 421 1433 533" data-label="Text"><p>This document provides additional notes and assembly instructions for the Mophorn Pure Water Distiller, including guidance on the silicone seal, charcoal packet insertion, and steam baffle correction. It also outlines the initial cleaning procedure.</p></div>
<div data-bbox="137 909 290 958" data-label="Image"></div> <div data-bbox="137 958 290 963" data-label="Text"><p>Affordable. Reliable. Home Improvement.</p></div> <div data-bbox="156 994 271 1021" data-label="Text"><p>Sheet Metal Plate Shear MODEL:HS-6</p></div> <div data-bbox="137 1061 290 1088" data-label="Image"></div>	<div data-bbox="341 945 1168 976" data-label="Section-Header"><p>VEVOR HS-6 Sheet Metal Plate Shear - User Manual and Specifications</p></div> <div data-bbox="341 985 1442 1057" data-label="Text"><p>Comprehensive user manual for the VEVOR HS-6 Sheet Metal Plate Shear, including safety instructions, assembly guide, operating procedures, maintenance tips, and troubleshooting chart.</p></div>
<div data-bbox="124 1187 300 1205" data-label="Section-Header"><p>KAKA Industrial®</p></div> <div data-bbox="124 1209 300 1236" data-label="Text"><p>Specifications</p></div> <div data-bbox="124 1240 300 1267" data-label="Text"><p>Model: Q01-5216 Capacity: 5216 lbs Power: 110V/60Hz Weight: 110 lbs Dimensions: 24" x 18" x 18"</p></div> <div data-bbox="124 1272 300 1326" data-label="Image"></div> <div data-bbox="124 1330 300 1357" data-label="Text"><p>Features</p></div> <div data-bbox="124 1361 300 1388" data-label="Text"><p>1. Heavy-duty construction for long-lasting use.</p></div> <div data-bbox="124 1393 300 1420" data-label="Text"><p>2. Easy to operate with foot pedal.</p></div> <div data-bbox="124 1424 300 1451" data-label="Text"><p>3. Suitable for cutting various types of sheet metal.</p></div> <div data-bbox="124 1456 300 1482" data-label="Text"><p>4. Compact design for easy storage.</p></div> <div data-bbox="124 1487 300 1514" data-label="Text"><p>5. Durable blades for efficient cutting.</p></div> <div data-bbox="124 1518 300 1545" data-label="Text"><p>6. Safety features to prevent accidents.</p></div> <div data-bbox="124 1550 300 1576" data-label="Text"><p>7. Easy maintenance and cleaning.</p></div> <div data-bbox="124 1581 300 1608" data-label="Text"><p>8. Suitable for professional and home use.</p></div> <div data-bbox="124 1612 300 1639" data-label="Text"><p>9. Durable construction for long-lasting use.</p></div> <div data-bbox="124 1644 300 1671" data-label="Text"><p>10. Easy to operate with foot pedal.</p></div> <div data-bbox="124 1675 300 1702" data-label="Text"><p>11. Suitable for cutting various types of sheet metal.</p></div> <div data-bbox="124 1706 300 1733" data-label="Text"><p>12. Compact design for easy storage.</p></div> <div data-bbox="124 1738 300 1765" data-label="Text"><p>13. Durable blades for efficient cutting.</p></div> <div data-bbox="124 1769 300 1796" data-label="Text"><p>14. Safety features to prevent accidents.</p></div> <div data-bbox="124 1800 300 1827" data-label="Text"><p>15. Easy maintenance and cleaning.</p></div> <div data-bbox="124 1832 300 1859" data-label="Text"><p>16. Suitable for professional and home use.</p></div> <div data-bbox="124 1863 300 1890" data-label="Text"><p>17. Durable construction for long-lasting use.</p></div> <div data-bbox="124 1895 300 1921" data-label="Text"><p>18. Easy to operate with foot pedal.</p></div> <div data-bbox="124 1926 300 1953" data-label="Text"><p>19. Suitable for cutting various types of sheet metal.</p></div> <div data-bbox="124 1957 300 1984" data-label="Text"><p>20. Compact design for easy storage.</p></div> <div data-bbox="124 1989 300 2016" data-label="Text"><p>21. Durable blades for efficient cutting.</p></div> <div data-bbox="124 2020 300 2047" data-label="Text"><p>22. Safety features to prevent accidents.</p></div> <div data-bbox="124 2051 300 2078" data-label="Text"><p>23. Easy maintenance and cleaning.</p></div> <div data-bbox="124 2083 300 2110" data-label="Text"><p>24. Suitable for professional and home use.</p></div> <div data-bbox="124 2114 300 2141" data-label="Text"><p>25. Durable construction for long-lasting use.</p></div>	<div data-bbox="341 1258 855 1290" data-label="Section-Header"><p>KAKA Industrial Q01-5216 Operation Manual</p></div> <div data-bbox="341 1299 1401 1370" data-label="Text"><p>Comprehensive operation manual for the KAKA Industrial Q01-5216 Foot Stomp Sheet Metal Shear, covering specifications, safety, setup, operation, maintenance, and troubleshooting.</p></div>
<div data-bbox="137 1563 290 1612" data-label="Image"></div> <div data-bbox="137 1612 290 1617" data-label="Text"><p>Affordable. Reliable. Home Improvement.</p></div> <div data-bbox="156 1648 271 1675" data-label="Text"><p>Sheet Metal Plate Shear MODEL:MMS4</p></div>	<div data-bbox="341 1550 951 1581" data-label="Section-Header"><p>VEVOR MMS4 Sheet Metal Plate Shear User Manual</p></div> <div data-bbox="341 1590 1401 1702" data-label="Text"><p>Comprehensive user manual for the VEVOR MMS4 Sheet Metal Plate Shear, covering specifications, safety instructions, assembly, operation, maintenance, and troubleshooting for efficient metal cutting.</p></div>
<div data-bbox="124 1818 300 1845" data-label="Image"></div> <div data-bbox="124 1850 300 1877" data-label="Text"><p>DO THE JOB RIGHT. THROATLESS ELECTRIC METAL SHEAR INSTRUCTIONS</p></div> <div data-bbox="124 1881 300 2105" data-label="Image"></div>	<div data-bbox="341 1881 1343 1912" data-label="Section-Header"><p>Eastwood Throatless Electric Metal Shear (Part #20644) - Instructions and Safety Guide</p></div> <div data-bbox="341 1921 1417 2033" data-label="Text"><p>Detailed instructions, safety warnings, specifications, and troubleshooting for the Eastwood Throatless Electric Metal Shear, Part #20644. Learn how to operate, maintain, and service this professional-grade metal cutting tool.</p></div>



Sheet Metal Plate Shear
MODEL FS-1.5X1320

[VEVOR FS-1.5X1320 Sheet Metal Plate Shear User Manual](#)

Comprehensive user manual for the VEVOR FS-1.5X1320 Sheet Metal Plate Shear, covering installation, operation, safety, maintenance, and parts list for optimal performance.