

JET JWS-18HO

JET JWS-18HO Wood Shaper Operator's and Parts Manual

Model: JWS-18HO

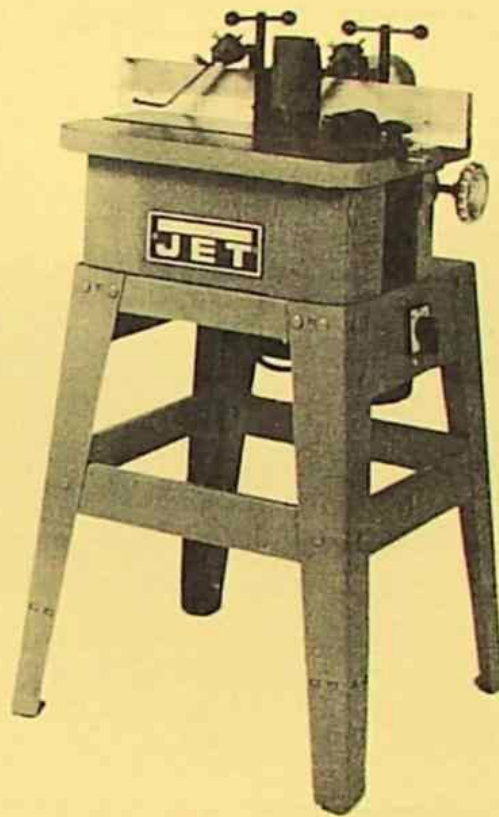
INTRODUCTION

This manual provides comprehensive instructions for the safe operation, maintenance, and parts identification of the JET JWS-18HO Wood Shaper. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage. Keep this manual accessible for future reference.



OPERATOR'S MANUAL

JWS-18HO WOOD SHAPER



M-708319

This image displays the front cover of the JET JWS-18HO Wood Shaper Operator's Manual. It features the JET logo at the top, followed by 'EQUIPMENT & TOOLS' and 'OPERATOR'S MANUAL'. Below this, the model 'JWS-18HO WOOD SHAPER' is clearly visible. A black and white illustration of the JWS-18HO wood shaper machine is centrally placed, showing its main body and stand. The manual number 'M-708319' is located at the bottom right corner.

SAFETY INFORMATION

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This includes, but is not limited to:

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and dust masks.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Do not operate the shaper in damp or wet locations.
- Keep children and bystanders away from the operating machine.
- Disconnect power before making adjustments, changing cutters, or performing maintenance.
- Use push sticks or push blocks when feeding small workpieces.
- Never reach into the cutter area while the machine is running.
- Ensure all guards are in place and functioning correctly before operation.

SETUP AND ASSEMBLY

Before operating your JET JWS-18HO Wood Shaper, ensure it is properly assembled and installed. Refer to the exploded view diagrams in the parts section for component identification.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage.
2. **Base Assembly:** Assemble the stand or base according to the provided hardware and instructions. Ensure all fasteners are securely tightened.
3. **Mounting the Shaper:** Securely mount the shaper unit to the assembled stand or a sturdy workbench using appropriate bolts and washers.
4. **Electrical Connection:** Connect the machine to a grounded power outlet of the correct voltage as specified in the electrical requirements section (refer to wiring diagram).
5. **Initial Checks:** Verify that all moving parts operate freely and that no components are loose.

OPERATING INSTRUCTIONS

Familiarize yourself with the controls and functions of the JWS-18HO Wood Shaper before beginning any work.

Controls Overview:

- **Power Switch:** ON/OFF switch for the motor.
- **Spindle Lock:** Engages to hold the spindle for cutter changes.
- **Spindle Height Adjustment:** Wheel or lever to raise and lower the spindle.
- **Fence Adjustment:** Knobs or levers to position the fence for desired cut depth.

Basic Operation:

1. **Cutter Installation:** Ensure the machine is unplugged. Select the appropriate cutter for your task. Install it securely on the spindle, ensuring proper orientation and tightening.
2. **Fence and Spindle Adjustment:** Adjust the fence to control the depth of cut and the spindle height to expose the correct amount of the cutter. Perform test cuts on scrap material.
3. **Workpiece Feeding:** Always feed the workpiece against the direction of cutter rotation. Use push sticks for safety. Maintain a firm grip and consistent feed rate.
4. **Dust Collection:** Connect a dust collection system to the shaper for a cleaner and safer work environment.

MAINTENANCE AND LUBRICATION

Regular maintenance ensures the longevity and optimal performance of your JWS-18HO Wood Shaper. Always disconnect power before performing any maintenance.

- **Cleaning:** After each use, clean the machine thoroughly, removing sawdust and debris from the table, fence, and motor housing.
- **Lubrication:** Periodically lubricate moving parts such as spindle height adjustment mechanisms and fence slides. Refer to the lubrication points diagram (if available in the full manual) for specific locations and recommended lubricants.
- **Cutter Inspection:** Inspect cutters for sharpness and damage. Replace dull or damaged cutters promptly.
- **Belt Tension:** Check drive belt tension periodically and adjust as necessary to prevent slippage.
- **Electrical Inspection:** Regularly inspect the power cord and plug for damage.

PARTS LIST AND EXPLODED VIEW DIAGRAMS

This section contains detailed exploded view diagrams and a corresponding parts list to assist with identification and ordering of replacement parts. Each diagram illustrates specific assemblies of the JWS-18HO Wood Shaper, with numbered components corresponding to the parts list.

(Note: Actual diagrams and lists would be included here in a complete manual. For example, a diagram of the spindle assembly with numbered parts, followed by a table listing part numbers and descriptions.)

Example Parts List Segment

Item No.	Part Number	Description	Quantity
1	JWS18HO-001	Spindle Assembly	1
2	JWS18HO-002	Table Insert Ring	3
3	JWS18HO-003	Fence Assembly	1

TROUBLESHOOTING

This section provides solutions to common operational issues. If you encounter a problem not listed here, or if the suggested solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
Machine does not start	No power, faulty switch, tripped circuit breaker	Check power connection, inspect switch, reset breaker
Excessive vibration	Unbalanced cutter, loose mounting, worn bearings	Ensure cutter is balanced and tight, check mounting bolts, inspect bearings
Poor cut quality	Dull cutter, incorrect feed rate, improper fence setting	Replace or sharpen cutter, adjust feed rate, verify fence alignment

SPECIFICATIONS

Technical specifications for the JET JWS-18HO Wood Shaper are provided below. These specifications are subject to change without notice for product improvement.

Model: JWS-18HO

Motor: Example: 1.5 HP, 120V, 60Hz, 1 Phase

Spindle Speed: Example: 7,000 / 10,000 RPM

Spindle Diameter: Example: 1/2", 3/4"

Table Size: Example: 20" x 24"

Table Height: Example: 34"

Weight: Example: 250 lbs

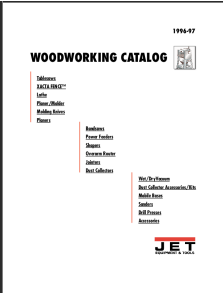

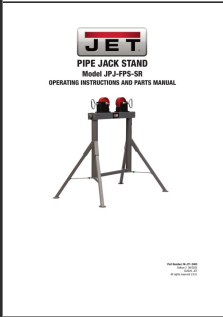
CUSTOMER SUPPORT




For technical assistance, replacement parts, or service inquiries, please refer to the product packaging or the official JET website. Have your model number (JWS-18HO) and serial number ready when contacting support.



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Related Documents - JWS-18HO

	<p>JET Woodworking Catalog 1996-97 - Tablesaws, Planers, Lathes, Shapers, Jointers, Sanders, Drill Presses & More</p> <p>Comprehensive catalog of JET woodworking machinery and accessories from 1996-97, featuring detailed specifications and features for tablesaws, planers, jointers, shapers, lathes, bandsaws, dust collectors, sanders, drill presses, and more.</p>
	<p>JET RDJ 310/410 Planer/Thicknesser User Manual</p> <p>Comprehensive user manual for JET RDJ 310 and RDJ 410 series Planer/Thicknesser woodworking machines, covering operation, safety, technical specifications, and maintenance.</p>
	<p>JET JPJ-FPS-SR Pipe Jack Stand: Operating Instructions and Parts Manual</p> <p>Comprehensive operating instructions, safety guidelines, assembly, specifications, and parts list for the JET JPJ-FPS-SR Pipe Jack Stand. Essential guide for safe and effective use in professional workshops and industrial settings.</p>

 <p>JET Operating Instructions and Parts Manual TS Series 2-speed Electric Chain Hoists</p> <p><small>JET Tool Company, Inc. 10000 JET Drive P.O. Box 10000 Mesa, Arizona 85207 www.jetusa.com</small></p> <p><small>Revised 10/10 Model No. JET-10000 Copyright © 2010 JET</small></p>	<p><u>JET TS Series 2-speed Electric Chain Hoists: Operating Instructions and Parts Manual</u></p> <p>Comprehensive operating instructions and parts manual for JET TS Series 2-speed electric chain hoists. Covers safety, installation, operation, maintenance, troubleshooting, and replacement parts for models TS050, TS100, TS200, TS300, and TS500.</p>
 <p>JET Operating Instructions and Parts Manual TS Series 2-speed Electric Chain Hoists</p> <p><small>JET Tool Company, Inc. 10000 JET Drive P.O. Box 10000 Mesa, Arizona 85207 www.jetusa.com</small></p> <p><small>Revised 10/10 Model No. JET-10000 Copyright © 2010 JET</small></p>	<p><u>JET TS Series 2-Speed Electric Chain Hoists: Operating Instructions and Parts Manual</u></p> <p>Comprehensive operating instructions and parts manual for JET TS Series 2-speed electric chain hoists. Covers installation, safety, operation, maintenance, and specifications for models TS050, TS100, TS200, TS300, and TS500.</p>
 <p>JET Pneumatic Riveter JAT-920</p> <p><small>JET Tool Company, Inc. 10000 JET Drive P.O. Box 10000 Mesa, Arizona 85207 www.jetusa.com</small></p> <p><small>Revised 10/10 Model No. JET-920 Copyright © 2010 JET</small></p>	<p><u>JET JAT-920 Pneumatic Riveter Operation and Parts Manual</u></p> <p>Comprehensive operation and parts manual for the JET JAT-920 Pneumatic Riveter (Model M-505920), including safety warnings, specifications, setup, maintenance, troubleshooting, and a detailed parts list with an exploded view.</p>