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› Powermatic Model 1150A Drill Press Operating and Parts Manual

## Powermatic 1150A

# Powermatic Model 1150A Drill Press Operating and Parts Manual

Comprehensive Instructions and Diagrams for Your Powermatic 1150A

## INTRODUCTION TO THE MANUAL

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This document serves as a detailed guide to the Powermatic Model 1150A 15-inch Drill Press. It is a reprinted manual, meticulously reproduced from the original, ensuring high quality and durability. The manual is designed to provide users with essential information for the safe and effective operation, maintenance, and repair of their drill press.

The original manual, from which this reprint is made, was in very good condition. This reproduction uses high-quality 24lb paper with a comb binding for ease of use, and the covers are printed on 65lb cardstock for enhanced durability. It contains approximately 34 pages of critical information.

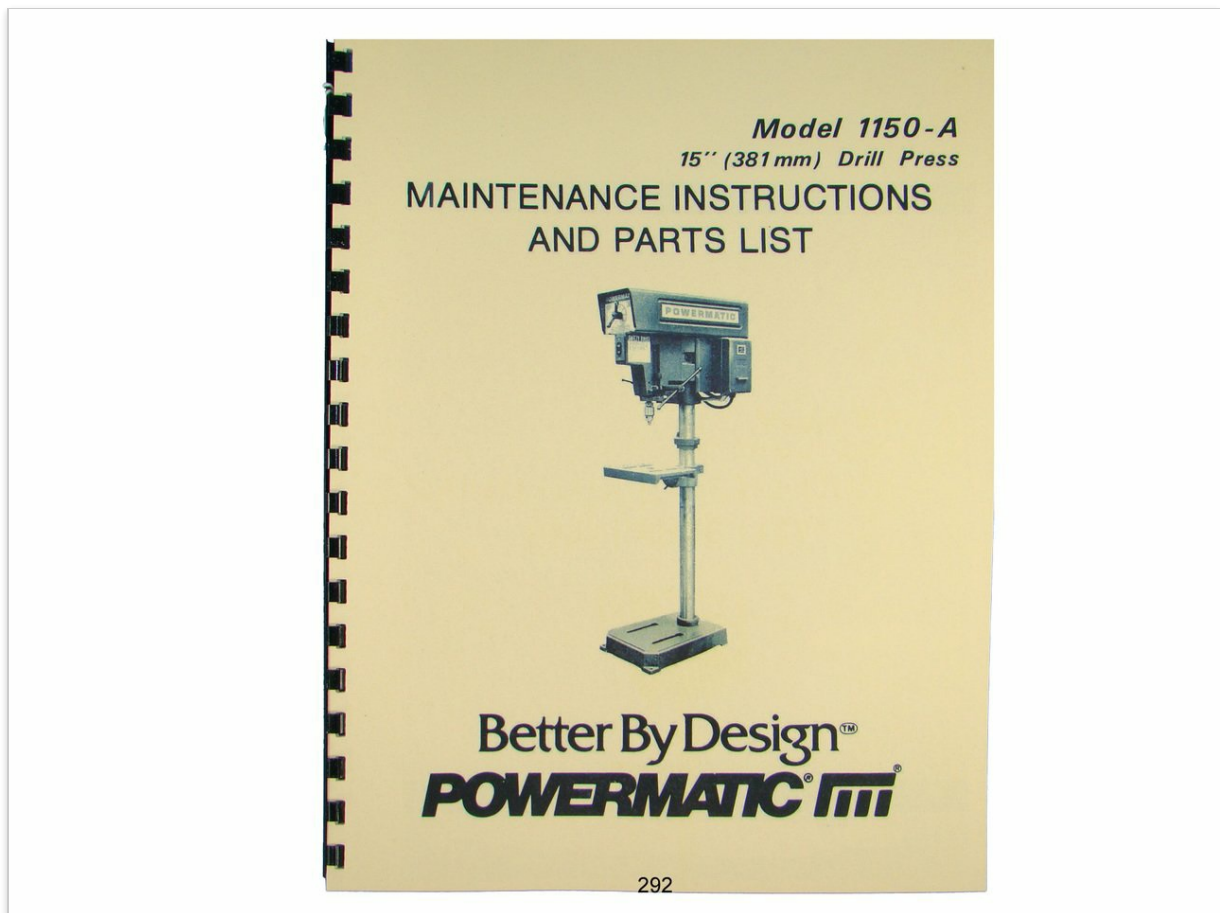


Image: Cover of the Powermatic Model 1150A Drill Press Operating Instruction & Parts Manual. This image displays the front cover of the manual, featuring the Powermatic logo and the model number, indicating the content within.

## SAFETY INFORMATION

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The original manual includes crucial safety guidelines that must be followed to prevent injury and ensure safe operation of the Powermatic Model 1150A drill press. Users are advised to read and understand all safety warnings and instructions before operating the machine. This section typically covers personal protective equipment, safe operating practices, electrical safety, and general workshop safety.

- Always wear appropriate eye protection.
- Ensure the workpiece is securely clamped before drilling.
- Keep hands clear of the rotating drill bit.
- Disconnect power before making adjustments or performing maintenance.

## SETUP AND ASSEMBLY

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This section of the manual provides detailed instructions for the initial setup and assembly of the Powermatic Model 1150A drill press. It includes an assembly breakdown, guiding the user through the process of putting together the various components of the machine. Proper assembly is critical for the drill press's stability, accuracy, and safe operation.

Key topics covered typically include:

- Unpacking and identifying components.
- Mounting the column to the base.
- Attaching the headstock and motor.
- Installing the drill chuck.

- Securing the machine to a workbench or stand.

## OPERATING INSTRUCTIONS

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The 'Operation' section of the manual provides comprehensive guidance on how to use the Powermatic Model 1150A drill press effectively and safely. It covers fundamental operating procedures, from preparing the machine for use to executing various drilling tasks.

Information typically found in this section includes:

- Powering on and off the machine.
- Selecting appropriate drill bits.
- Clamping workpieces securely.
- Drilling techniques for different materials.
- Understanding and utilizing the depth stop.

## ADJUSTMENTS

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This part of the manual details the various adjustments that can be made to the Powermatic Model 1150A drill press to optimize its performance for specific tasks. Proper adjustments are essential for achieving accurate and consistent results.

Typical adjustments covered include:

- Changing spindle speeds using the belt and pulley system.
- Adjusting the height and angle of the work table.
- Setting the drilling depth stop.
- Adjusting quill tension.

## MAINTENANCE AND LUBRICATION

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To ensure the longevity and optimal performance of the Powermatic Model 1150A drill press, regular maintenance and proper lubrication are necessary. This section of the manual provides a comprehensive guide to routine care and preventative measures.

Key maintenance topics include:

- Cleaning the machine after use.
- Inspecting belts and pulleys for wear.
- Lubrication points and recommended lubricants.
- Checking and tightening fasteners.
- Storing the drill press properly.

## PARTS LIST

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The manual includes a detailed parts list for the Powermatic Model 1150A drill press. This section is invaluable for identifying specific components, ordering replacement parts, and understanding the internal structure of the machine. Each part is typically listed with its corresponding part number and description.

## WIRING DIAGRAMS

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For electrical troubleshooting and understanding the internal electrical connections, the manual provides comprehensive wiring diagrams. These diagrams illustrate the electrical circuits of the Powermatic Model 1150A drill press, which is essential for qualified technicians performing electrical repairs or diagnostics.

## SPECIFICATIONS

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This section outlines the technical specifications of the Powermatic Model 1150A drill press. These specifications provide important details about the machine's capabilities and physical characteristics.

- **ASIN:** B00NGWIP5Q
- **Publisher:** Powermatic
- **Publication date:** January 1, 1960
- **Item Weight:** 8 ounces

## TROUBLESHOOTING

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While not explicitly listed in the manual's description, a typical instruction manual for a power tool like the Powermatic Model 1150A drill press would include a troubleshooting section. This section would offer solutions to common operational issues, helping users diagnose and resolve minor problems without requiring professional service.

Common issues addressed might include:

- Motor not starting.
- Excessive vibration or noise.
- Drill bit wandering or breaking.
- Inaccurate drilling.

## WARRANTY AND SUPPORT

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Information regarding product warranty and customer support for the Powermatic Model 1150A drill press would typically be found in the original manual or provided by the manufacturer at the time of purchase. As this document is a reprint of an older manual, specific warranty details or current support contacts are not included here. For current warranty information or technical support, please contact Powermatic directly or refer to their official website.