

WEN DP1062V

WEN 10-Inch Benchtop Drill Press Instruction Manual

Model: DP1062V | Brand: WEN

1. IMPORTANT SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and serious personal injury. Read and understand all instructions before operating this drill press.

- **Eye Protection:** Always wear ANSI Z87.1 approved safety goggles or safety glasses with side shields when operating this machine.
- **Work Area:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Do not expose power tools to rain or wet conditions. Do not abuse the cord. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Secure Workpiece:** Always clamp or otherwise secure the workpiece to the drill press table. Never hold the workpiece by hand.
- **Proper Attire:** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which could get caught in moving parts. Wear non-slip footwear.
- **Ventilation:** Ensure adequate ventilation when working with materials that produce dust.
- **Unplug Before Adjustments:** Always unplug the drill press from the power source before making any adjustments, changing accessories, or storing the tool.
- **Maintain Tool:** Keep cutting tools sharp and clean. Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
- **Avoid Accidental Starting:** Ensure the switch is in the OFF position before plugging in.

2. PRODUCT OVERVIEW

The WEN 10-Inch Benchtop Drill Press (Model DP1062V) is designed for precision drilling in various materials such as metal, wood, and plastic. It features a powerful 6.2-amp induction motor and a mechanical variable speed system for optimal performance.





Figure 2.1: Front view of the WEN 10-Inch Benchtop Drill Press, showcasing its compact design and key components.





Figure 2.2: Side view of the drill press, highlighting the motor housing and column.



Figure 2.3: Detailed view of the motor, power switch, and speed adjustment mechanism.

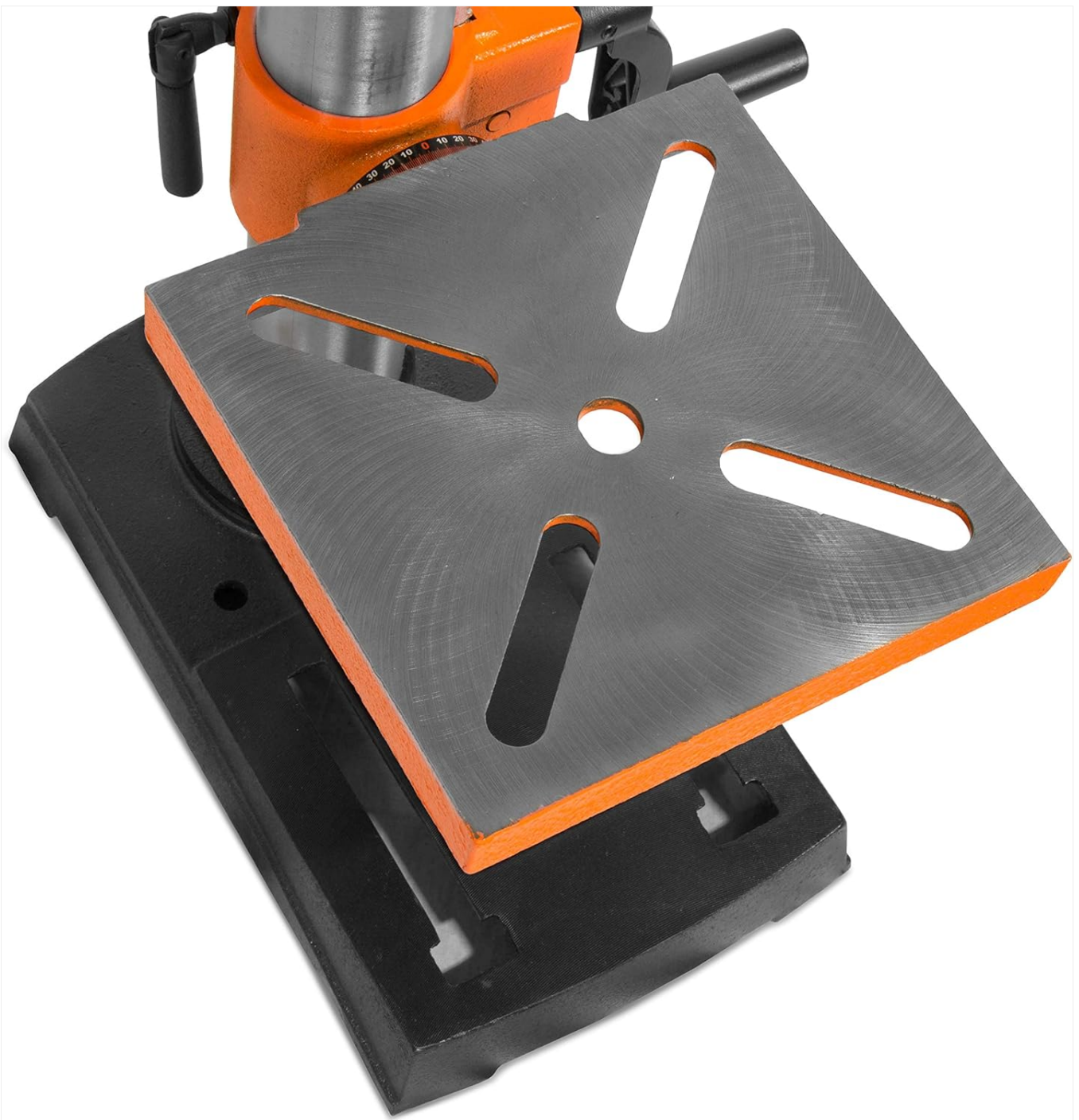


Figure 2.4: The cast-iron worktable and sturdy base, designed for stability and mounting.

Key Features:

- **6.2-Amp Induction Motor:** Provides ample power for drilling through various materials.
- **10-Inch Swing:** Allows for drilling to the center of a 10-inch workpiece.
- **Variable Speed (530 to 3100 RPM):** Mechanical adjustment for precise speed control.
- **Digital Speed Readout:** Displays current RPM for accuracy.
- **1/2-Inch Keyed Chuck:** Accommodates a wide range of drill bits, with JT33 spindle taper.
- **8 x 7.5-Inch Cast-Iron Worktable:** Bevels 45° left and right for angled drilling.
- **X-Pattern Laser:** Projects crosshairs to indicate the drill bit's center point.
- **Adjustable Depth Stop:** For consistent drilling depth.
- **On-board Chuck Key Storage:** Conveniently keeps the chuck key accessible.

3. ASSEMBLY AND SETUP

This section outlines the steps required to assemble your WEN Benchtop Drill Press and prepare it for use. Ensure all components are present and undamaged before beginning assembly.

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any shipping damage. If any parts are missing or damaged, contact WEN customer support immediately.

3.2 Assembly Steps

1. **Attach Column to Base:** Secure the main column to the cast iron base using the provided bolts and washers. Ensure it is firmly tightened for stability.
2. **Install Drill Press Head:** Carefully slide the drill press head assembly onto the top of the column. Align the head and secure it with the set screws.
3. **Mount Worktable:** Slide the worktable assembly onto the column. The table height can be adjusted and locked into position using the table lock handle.
4. **Install Feed Handles:** Thread the three feed handles into the hub on the drill press head.
5. **Install Chuck:** Clean the tapered spindle and the inside of the chuck. Place the chuck onto the spindle and firmly tap it into place with a rubber mallet to ensure a secure fit.
6. **Mounting to Benchtop:** The 8 by 12.5-inch cast iron base has predrilled holes for permanent mounting to a workbench or work surface. This is highly recommended for stability and safety during operation.

4. OPERATION

This section provides instructions for operating your WEN Benchtop Drill Press safely and effectively.

4.1 Powering On/Off

To turn the drill press ON, flip the power switch to the 'ON' position. To turn it OFF, flip the switch to the 'OFF' position. The switch is located on the front of the drill press head.



Figure 4.1: Power switch and digital RPM display for precise speed monitoring.

4.2 Adjusting Speed

The drill press features a mechanical variable speed system, allowing you to adjust the RPM from 530 to 3100. To change the speed, simply turn the speed adjustment lever located on the side of the drill press head. The digital LED readout will display the current RPM.



Figure 4.2: The lever for mechanical variable speed adjustment.

4.3 Using the Chuck and Drill Bits

The 1/2-inch keyed chuck accepts a wide range of drill bits. Insert the drill bit into the chuck jaws and tighten it securely using the provided chuck key. The chuck key can be stored in the on-board holder when not in use.

4.4 Adjusting the Worktable

The cast-iron worktable can be adjusted vertically along the column and can also bevel 45° left and right. Loosen the table lock handle to adjust height or angle, then tighten it firmly once the desired position is achieved.



Figure 4.3: Worktable with angle markings for precise bevel drilling.

4.5 Using the Laser Guide

The integrated X-pattern laser projects crosshairs onto your workpiece, indicating the exact point where the drill bit will make contact. This assists in precise hole placement. The laser requires 2 AA batteries (not included) and has its own power switch, typically located near the laser emitter.

4.6 Setting Drilling Depth

Use the adjustable depth stop to set a consistent drilling depth for repetitive tasks. Loosen the lock nut, adjust the depth stop to the desired measurement, and then tighten the lock nut.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your WEN Benchtop Drill Press.

- **Cleaning:** After each use, clean the drill press to remove dust, chips, and debris. Use a brush or vacuum; never use compressed air as it can force debris into moving parts.
- **Lubrication:** Periodically apply a light coat of machine oil to the column and other moving parts to ensure smooth operation and prevent rust.
- **Chuck Care:** Keep the chuck jaws clean and free of debris. If the chuck becomes stiff, apply a small amount of light oil to the jaws.
- **Laser Alignment:** Periodically check the laser alignment. If it is off, consult the troubleshooting section or the full product manual for adjustment instructions.
- **Power Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. Replace

immediately if damaged.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your drill press and provides potential solutions.

Problem	Possible Cause	Solution
Drill press does not start.	No power supply; Power switch is OFF; Motor overload.	Check power outlet and circuit breaker; Ensure switch is ON; Allow motor to cool down, reduce load.
Excessive vibration or noise.	Loose components; Unbalanced drill bit; Worn bearings.	Check all bolts and screws for tightness; Ensure drill bit is properly seated and not bent; Contact customer support if bearings are suspected.
Drill bit not centered or wobbles.	Chuck not properly seated; Damaged drill bit; Spindle runout.	Re-seat the chuck firmly; Replace damaged drill bit; If spindle runout is excessive, contact customer support.
Laser guide not working.	Batteries dead or incorrectly installed; Laser switch OFF.	Replace AA batteries, ensure correct polarity; Turn laser switch ON.
Speed adjustment is stiff.	Lack of lubrication; Debris in mechanism.	Apply light machine oil to the speed adjustment mechanism; Clean any visible debris.

7. SPECIFICATIONS

Technical specifications for the WEN 10-Inch Benchtop Drill Press (Model DP1062V).

Feature	Specification
Brand	WEN
Model Number	DP1062V
Power Source	Corded Electric
Voltage	120 Volts
Amperage	6.2 Amps
Maximum Rotational Speed	3100 RPM
Minimum Rotational Speed	530 RPM

Feature	Specification
Drill Type	Benchtop Drill Press
Drilling Capacity (Wood)	0.5 Inches
Drilling Capacity (Metal)	0.5 Inches (through 1-inch thick cast iron)
Chuck Capacity	1/2-inch
Spindle Taper	JT33
Worktable Dimensions	8 x 7.5 inches
Worktable Bevel	45° Left and Right
Base Dimensions	8 x 12.5 inches
Product Dimensions (L x W x H)	13.19" x 19.29" x 33.86"
Item Weight	65.9 pounds (29.94 Kilograms)
Laser Type	Class IIIA 2.5mW
UPC	044459110620

8. WARRANTY AND CUSTOMER SUPPORT

WEN products are designed for reliability and durability. This drill press comes with a comprehensive warranty and dedicated customer support.

8.1 Warranty Information

The WEN 10-Inch Benchtop Drill Press (Model DP1062V) is backed by a **two-year warranty**. This warranty covers defects in material and workmanship under normal use and service.

For detailed warranty terms and conditions, please refer to the official WEN product documentation or visit the WEN website.

8.2 Customer Support

Should you have any questions, require technical assistance, or need replacement parts, WEN offers a friendly customer support line. You can typically find contact information on the WEN official website or within the product packaging.

For the most up-to-date support information, please visit the official WEN website: www.wenproducts.com

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