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wolcraft 3406000

wolcraft Drill Stand 3406000 Instruction Manual

Model: 3406000

INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your wolcraft Drill Stand 3406000. Designed for precision drilling, this stand allows for accurate drilling of flat surfaces, round materials, and profiles. Please read all instructions carefully before assembly and operation to ensure optimal performance and safety.





Image 1: The wolfcraft Drill Stand 3406000, a robust tool designed for stable and precise drilling operations.

SAFETY INFORMATION

Always observe general safety regulations when working with power tools. Failure to follow these instructions may result in injury or damage to the product.

- Wear appropriate personal protective equipment, including safety glasses and hearing protection.
- Ensure the drill stand is securely mounted to a stable workbench before use.
- Always unplug the power drill from the mains before making any adjustments or changing accessories.
- Keep hands and loose clothing away from moving parts.
- Secure the workpiece firmly using clamps or a vise to prevent movement during drilling.
- Do not exceed the maximum drill collar diameter of 43 mm.
- Do not overload the drill stand; it is designed for handheld drills within specified power limits.

PACKAGE CONTENTS

Verify that all components are present upon unpacking:

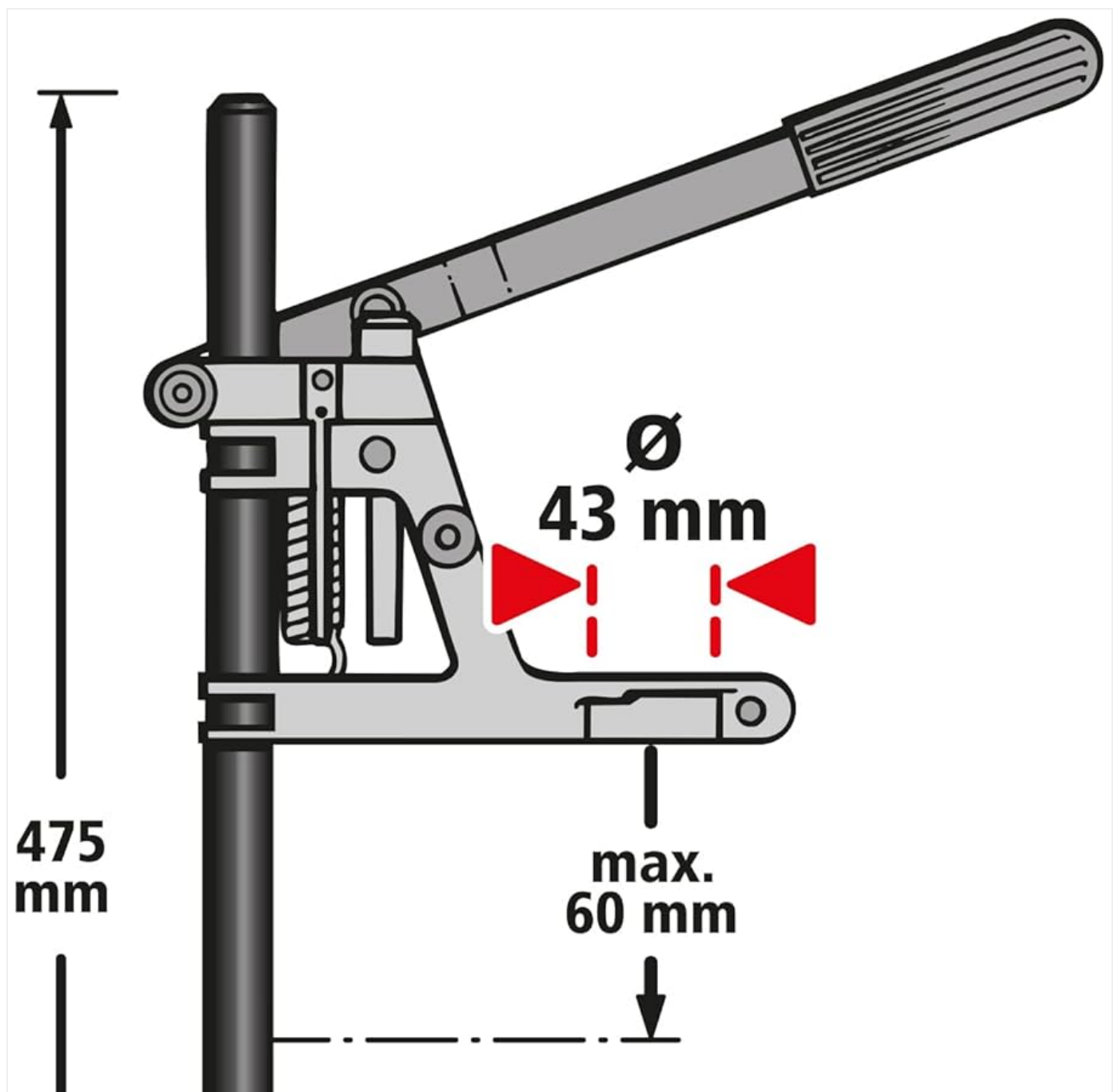
- 1x wolcraft Drill Stand 3406000 (round column)
- Assembly hardware (screws, nuts, washers)
- Operating lever
- Instruction manual

SETUP AND ASSEMBLY

Follow these steps to assemble and prepare your drill stand for use:

1. Assemble the Drill Stand

1. Attach the column to the cast iron base plate using the provided screws and tighten securely.
2. Slide the drill holder assembly onto the column.
3. Insert the operating lever into its designated slot on the drill holder assembly.



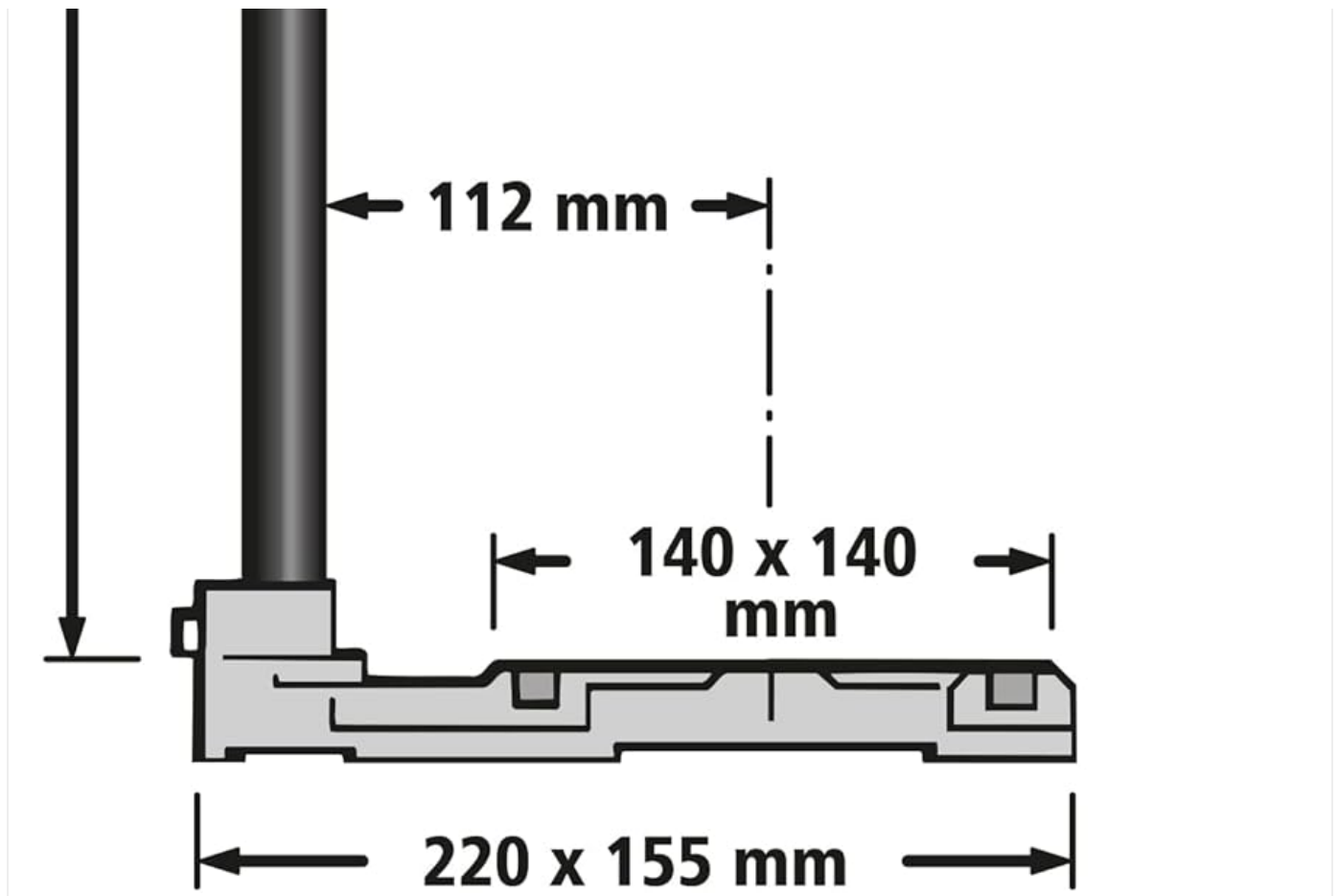


Image 2: Technical drawing showing the dimensions of the wolcraft Drill Stand, including the base plate size (160 x 230 mm) and maximum working height (345 mm).

2. Mount the Drill Stand to a Workbench

For stability and safety, the drill stand must be securely fastened to a workbench. The base plate features anchoring slots for this purpose.

- Position the drill stand on a stable, level workbench.
- Use appropriate bolts or clamps (not included) through the anchoring slots to firmly secure the base plate to the workbench.

3. Install Your Power Drill

1. Ensure your power drill is unplugged.
2. Open the drill collar clamp on the drill stand.
3. Insert the collar of your power drill into the clamp. The maximum drill collar diameter is 43 mm.
4. Tighten the clamp screw firmly to secure the drill in place. Ensure the drill is aligned vertically.



Image 3: Close-up view of a power drill being secured into the drill stand's collar clamp, demonstrating proper installation.

OPERATING INSTRUCTIONS

1. Securing the Workpiece

Always secure your workpiece to the base plate to prevent movement during drilling. The base plate has anchoring slots for attaching clamps or a machine vise (not included).

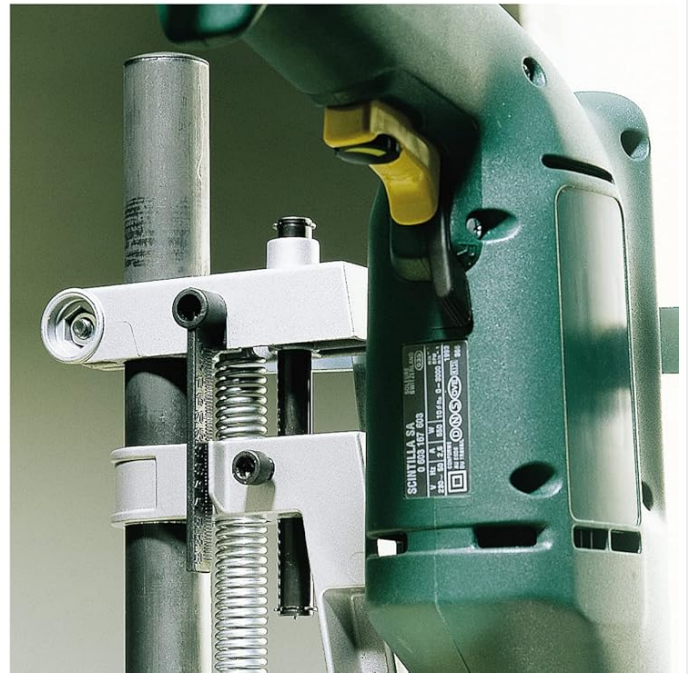
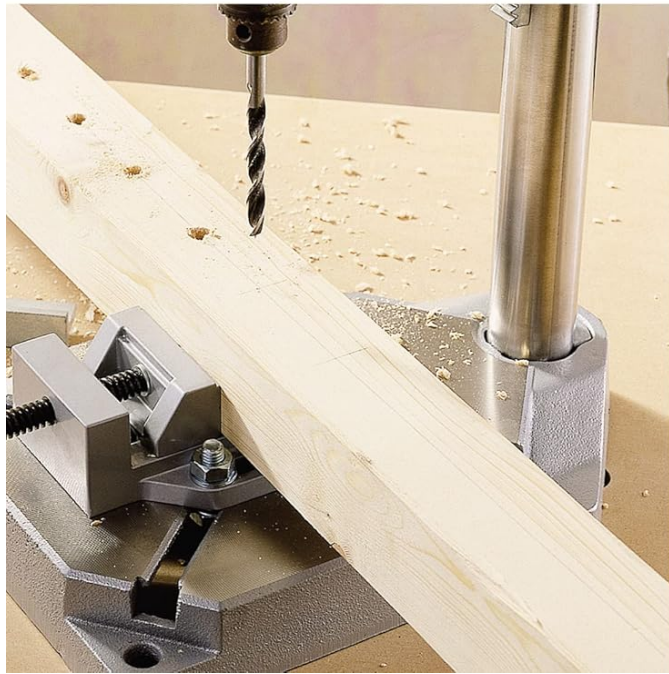


Image 4: Examples of drilling operations, including drilling flat wood pieces and round metal pipes, showcasing the versatility of the drill stand.

2. Adjusting Drilling Depth

The drill stand features an integrated return spring and a depth stop mechanism for precise control over drilling depth.

1. Lower the drill bit to the desired starting point on the workpiece.
2. Adjust the depth stop collar on the column to the desired drilling depth.
3. Tighten the depth stop screw to lock the setting.
4. The integrated return spring will automatically retract the drill after each drilling operation.

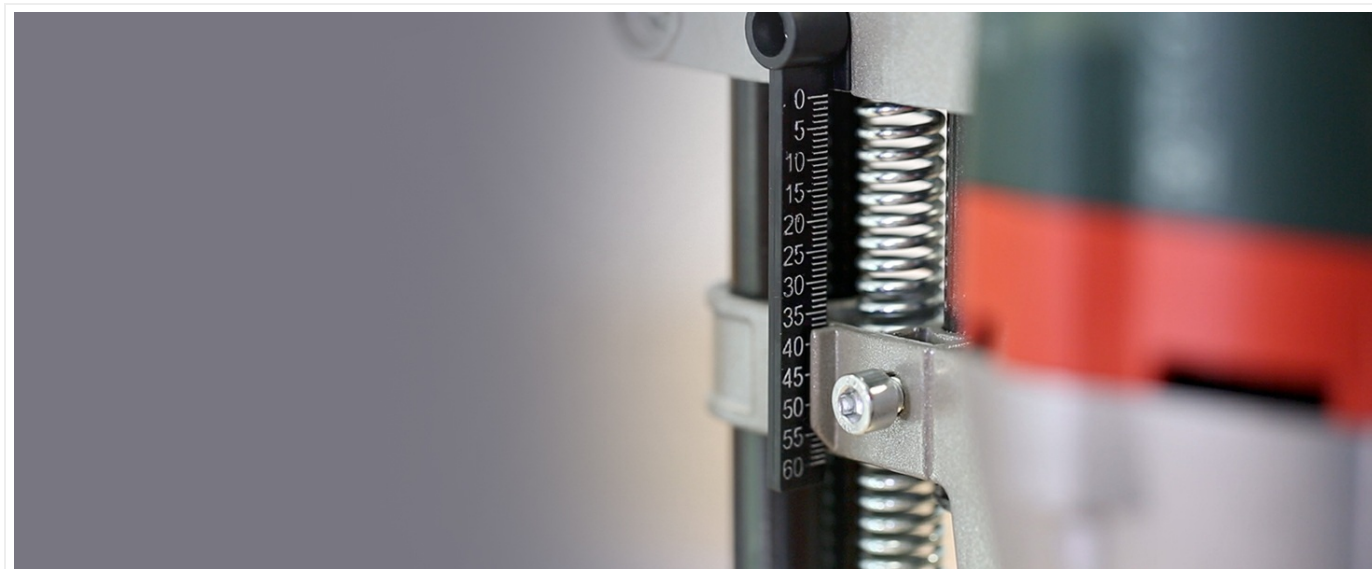


Image 5: A close-up of the depth scale and adjustment mechanism on the drill stand, allowing for precise control of drilling depth.

3. Drilling Operation

1. Ensure the workpiece is securely clamped.
2. Plug in your power drill.
3. Start the power drill.
4. Use the operating lever to slowly and steadily lower the drill bit into the workpiece. Apply even pressure.
5. Once the desired depth is reached, retract the drill using the lever.
6. Turn off the power drill.



Image 6: A user operating the drill stand to drill into a piece of wood, which is securely held by a clamp on the base plate.

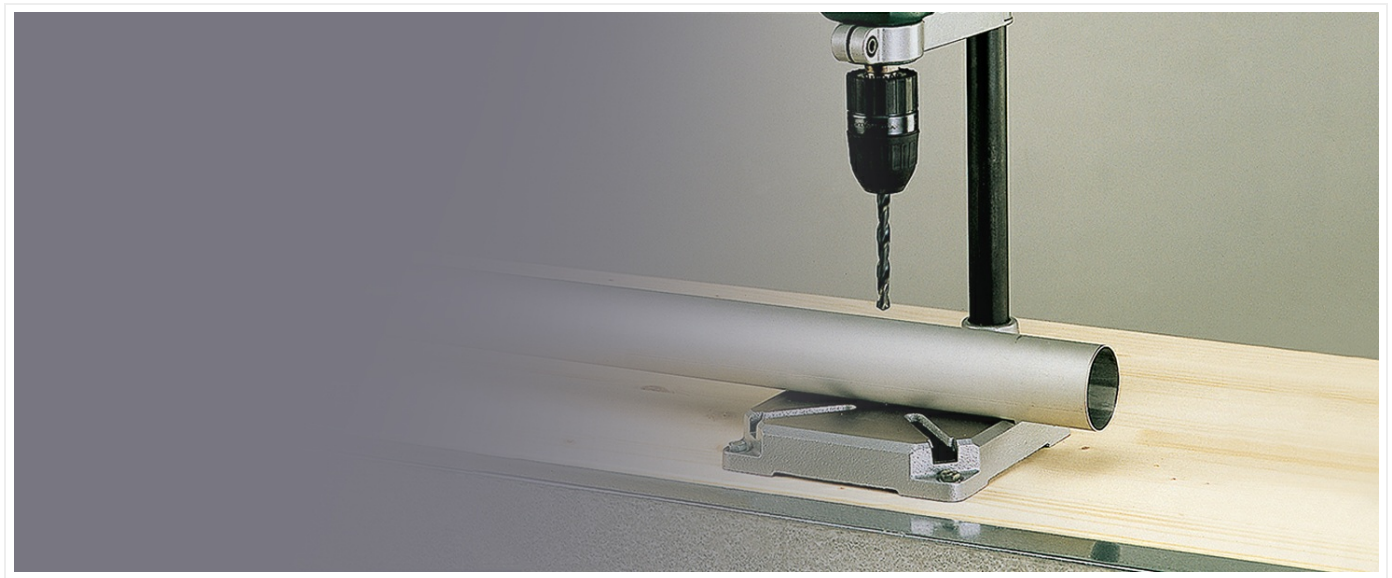


Image 7: The drill stand being used to precisely drill into a round metal pipe, demonstrating its capability for various material shapes.

MAINTENANCE

Regular maintenance ensures the longevity and proper functioning of your drill stand.

- **Cleaning:** After each use, wipe down the drill stand with a dry cloth to remove dust and debris. For stubborn grime, use a slightly damp cloth and mild detergent, then dry thoroughly.
- **Lubrication:** Periodically apply a light machine oil to the column and moving parts to ensure smooth operation.
- **Inspection:** Regularly check all screws and fasteners for tightness. Retighten as necessary. Inspect the base plate and column for any signs of damage or wear.
- **Storage:** Store the drill stand in a dry, clean environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your wolcraft Drill Stand, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drill bit not vertical / Inaccurate drilling	Drill not securely clamped; Stand not securely mounted; Workpiece not secured.	Ensure drill collar clamp is tight. Securely fasten stand to workbench. Clamp workpiece firmly.
Drill movement is stiff or jerky	Lack of lubrication; Debris on column.	Clean the column and apply light machine oil.
Drill does not return to original position	Return spring issue; Obstruction.	Check for obstructions. If spring is damaged, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	3406000
Brand	wolcraft

Feature	Detail
Material	Metal (Cast Iron Base Plate)
Color	Black
Maximum Drill Collar Diameter	43 mm
Working Height	345 mm
Base Plate Dimensions	160 x 230 mm
Integrated Features	Return spring, Anchoring slots for clamps/vise
Weight	3.4 Kilograms
Power Source Type	Manual (for the stand itself)
Maximum Power (Drill)	550 Watts (recommended for compatible drills)

WARRANTY AND SUPPORT

wolcraft products are manufactured to high-quality standards. For warranty information or technical support, please refer to the official wolcraft website or contact their customer service department.
For further assistance, visit the [wolcraft Store](#).

