

wolfcraft 5019000

WOLFCRAFT 5019000 Angle Grinder Cutting Stand

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your WOLFCRAFT 5019000 Angle Grinder Cutting Stand. This stand is designed to convert a standard 115mm or 125mm one-hand angle grinder into a precise cutting machine for metal workpieces. Please read these instructions carefully before assembly and operation to ensure proper function and safety.

2. SAFETY INSTRUCTIONS

WARNING: Always observe general safety regulations for power tools and specific safety instructions for angle grinders when using this cutting stand. Failure to do so may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and gloves.
- Ensure the cutting stand is securely mounted to a stable workbench before use.
- Verify that the angle grinder is properly and securely attached to the stand according to the assembly instructions.
- Always disconnect the angle grinder from the power supply before making any adjustments, changing accessories, or performing maintenance.
- Keep hands and body parts clear of the cutting disc during operation.
- Ensure the workpiece is firmly clamped before cutting.
- Do not overload the angle grinder or the cutting stand.
- Keep the work area clean and well-lit.
- Do not use the stand if any parts are damaged or missing.
- Only use cutting discs suitable for the material being cut and the angle grinder's specifications.

3. PACKAGE CONTENTS

The WOLFCRAFT 5019000 Angle Grinder Cutting Stand package includes:

- 1 x Angle Grinder Cutting Stand (main assembly)
- Integrated clamping device
- Assembly hardware (bolts, nuts, washers)
- Instruction Manual

Note: Angle grinder and cutting discs are not included.

4. SETUP AND ASSEMBLY

Follow these steps to assemble the cutting stand and mount your angle grinder:

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the package contents list.
2. **Assemble the Base:** Attach the main support arm to the robust cast aluminum base plate using the provided hardware. Ensure all bolts are tightened securely.
3. **Install the Clamping Device:** Position the integrated clamping device on the base plate. The clamping jaws should be aligned parallel to the cutting path. Adjust and secure the movable jaw as needed.



Figure 1: Adjustable clamping device for securing workpieces.

4. Mount the Angle Grinder:

- Ensure your angle grinder is unplugged.
- Remove any existing handles or guards from the angle grinder that might interfere with mounting.
- Position the angle grinder into the stand's mounting bracket. The stand is compatible with 115mm and 125mm one-hand angle grinders.
- Secure the angle grinder firmly using the stand's fastening mechanisms. Ensure the cutting disc is centered and perpendicular to the base plate. Adjust the angle grinder's position within the bracket to achieve optimal alignment.

- Attach the safety guard provided with the stand, ensuring it covers the cutting disc appropriately.



Figure 2: Angle grinder mounted on the cutting stand.

5. **Secure to Workbench:** For maximum stability and safety, it is highly recommended to bolt or clamp the cutting stand to a sturdy workbench. The base plate has pre-drilled holes for this purpose.

5. OPERATING INSTRUCTIONS

Once the stand is assembled and the angle grinder is securely mounted, follow these steps for safe operation:

1. **Prepare the Workpiece:** Measure and mark the cutting line on your metal workpiece.
2. **Clamp the Workpiece:** Place the workpiece on the stand's base plate, aligning the marked cutting line with the angle grinder's cutting disc. Use the integrated clamping device to firmly secure the workpiece. Ensure it cannot shift during the cut.



Figure 3: Cutting a square metal profile.



Figure 4: Cutting a round metal pipe.

3. Start the Cut:

- Ensure the cutting disc is not touching the workpiece before starting the angle grinder.
- Plug in the angle grinder and switch it on. Allow the disc to reach full speed.
- Slowly and steadily lower the angle grinder handle to bring the rotating disc into contact with the workpiece. Apply gentle, consistent pressure.
- Do not force the cut. Let the angle grinder and disc do the work.
- Maintain a firm grip on the handle throughout the cutting process.

4. **Complete the Cut:** Once the cut is complete, lift the angle grinder handle back to its resting position. Switch off the angle grinder and wait for the disc to stop rotating completely before touching the workpiece or making any adjustments.

5. **Remove Workpiece:** Unclamp the workpiece and carefully remove it. Be aware that cut metal can be hot and have sharp edges.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your cutting stand:

- **Cleaning:** After each use, clean the stand to remove metal dust and debris. Use a brush or compressed air. Do not use solvents that may damage the material.
- **Inspection:** Periodically inspect all bolts, nuts, and moving parts for tightness and wear. Tighten any loose fasteners.
- **Lubrication:** Apply a light lubricant to moving parts of the clamping mechanism if they become stiff.
- **Storage:** Store the cutting stand in a dry, clean place, away from moisture and direct sunlight.
- **Angle Grinder Maintenance:** Refer to your angle grinder's instruction manual for its specific maintenance requirements.

7. TROUBLESHOOTING

If you encounter issues with your WOLFCRAFT 5019000 Cutting Stand, consider the following:

- **Inaccurate Cuts:**
 - Ensure the angle grinder is securely mounted and aligned perpendicular to the base.
 - Verify the workpiece is clamped firmly and not shifting during the cut.
 - Check for excessive play in the stand's pivot points; tighten fasteners if necessary.
- **Stand Instability:**
 - Ensure the stand is bolted or clamped to a stable workbench.
 - Check all assembly fasteners for tightness.
- **Difficulty Clamping Workpiece:**
 - Ensure the clamping jaws are clean and free of debris.
 - Lubricate the clamping screw if it is stiff.
 - Verify the workpiece dimensions are within the maximum clamping width (100 mm).

For issues not resolved by these steps, contact WOLFCRAFT customer support.

8. SPECIFICATIONS

Attribute	Value
Brand	wolfcraft
Model Number	5019000
Material	Aluminum (Cast Aluminum Plate)
Compatible Angle Grinders	Ø 115 / 125 mm one-hand angle grinders
Max. Clamping Width	100 mm
Product Dimensions	190 x 260 x 240 mm (approx. 7.5 x 10.2 x 9.4 inches)
Item Weight	3.14 Kilograms (approx. 6.9 pounds)
Style	Robust

9. WARRANTY AND SUPPORT

WOLFCRAFT provides a 10-year guarantee for this product, reflecting its commitment to quality and durability. For warranty claims, technical support, or spare parts, please contact WOLFCRAFT customer service directly or visit their official website.



Figure 5: WOLFCRAFT 10-Year Guarantee.