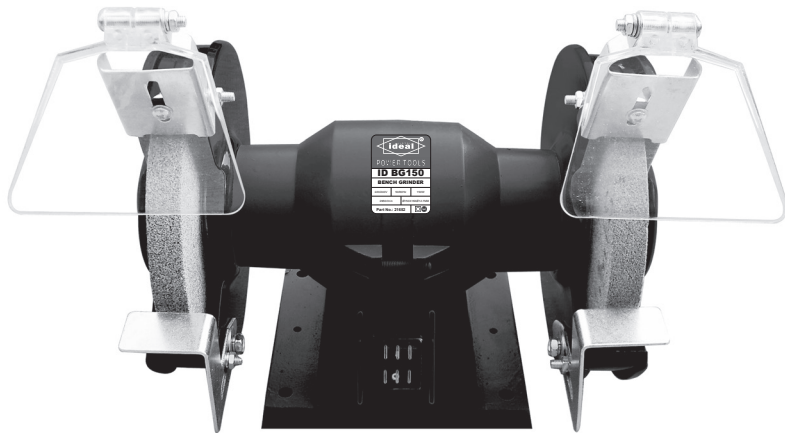


BENCH GRINDER

MODEL:IDBG150

OPERATION INSTRUCTIONS



Read through carefully and understand these instructions before use.

Introduction

Thank you for choosing our bench grinders.

This manual provides essential information for the safe installation, use, and maintenance of your bench grinder. Please read it carefully and keep it for future reference.

Specifications

- Model: IDBG150
- Power: Voltage 220-240V, 50Hz
- Wheel Diameter: 150x16x12.7mm
- No-load Speed: 2950 RPM
- Power Input: 150W

Package Contents

- 1 x Bench Grinder (150mm)
- 2 x Grinding Wheels (pre-installed)
- 2 x Tool Rests
- 2 x Eye Shields
- 1 x User Manual

Safety Instructions

Personal Safety

- Always wear personal protective equipment, including safety glasses, ear protection, and a dust mask while operating the grinder.
- Do not wear loose clothing or jewelry that could catch in moving parts.
- Ensure that your workspace is adequately lit.

Electrical Safety

- Be sure the electrical specifications of the grinder match your local power supply.
- Always use grounded electrical outlets.
- Keep the cord away from heat, oil, and sharp edges.

General Safety

- Make sure the grinder is securely mounted to a stable workbench or stand before use.
- Never leave the grinder running unattended.
- Check grinding wheels for cracks or damage before use. Do not use damaged wheels.

Installation

Assembling the Grinder

- Attach the tool rests to each wheel with the provided bolts. Adjust the tool rests to approximately 2mm from the wheel face for optimal grind.
- Secure the eye shields into their mounting holes.

Mounting the Grinder

- Ensure the installation surface is flat and stable.
- Use bolts (not included) to securely mount the grinder to the bench. Make sure the grinder is firmly attached to prevent movement.

Operating Instructions

- Check that the wheels spin freely and that no obstructions exist before powering on.
- Turn on the grinder using the on/off switch and allow it to reach full speed before use.
- Gently present the tool or material to the grinding wheel, applying minimal pressure to avoid wheel damage.
- Use the tool rests to support your workpiece during grinding.
- Allow the wheels to come to a complete stop before turning off the machine.

Maintenance

- Regularly clean the grinder, removing debris and dust that can accumulate and affect its operation.
- Inspect the wheels for wear and tear regularly and replace them if necessary.
- Lubricate any moving parts as specified in the maintenance section of this manual.

Troubleshooting

- **Grinder not starting:** Check the power connection and fuse.
- **Excessive vibration:** Ensure the grinder is securely mounted and that wheels are properly balanced and installed.
- **Noise during operation:** This can be normal, but if it's excessive, check for damaged wheels or loose components.

Conclusion

Your new bench grinder is designed for durability and performance.

By following this manual, you will ensure its effective and safe operation for many years.

Always maintain the grinder in accordance with our recommendations and replace any faulty or worn components promptly.

If you have any further questions about your bench grinder, please consult the full user manual or contact our customer support line.

Happy Grinding!