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> QWORK Heavy Duty Pipe Cutter Instruction Manual

QWORK DG2804

QWORK Heavy Duty Pipe Cutter Instruction Manual

This manual provides detailed instructions for the safe and effective use, maintenance, and troubleshooting of your QWORK Heavy Duty Pipe Cutter, designed for 1/8-inch to 2-inch steel pipes.

PRODUCT OVERVIEW

The QWORK Heavy Duty Pipe Cutter is a robust tool engineered for precise and clean cutting of various pipe materials, particularly steel, within a diameter range of 1/8-inch to 2-inch (3 mm to 50 mm). Its durable construction ensures longevity and reliable performance for both professional and DIY applications.

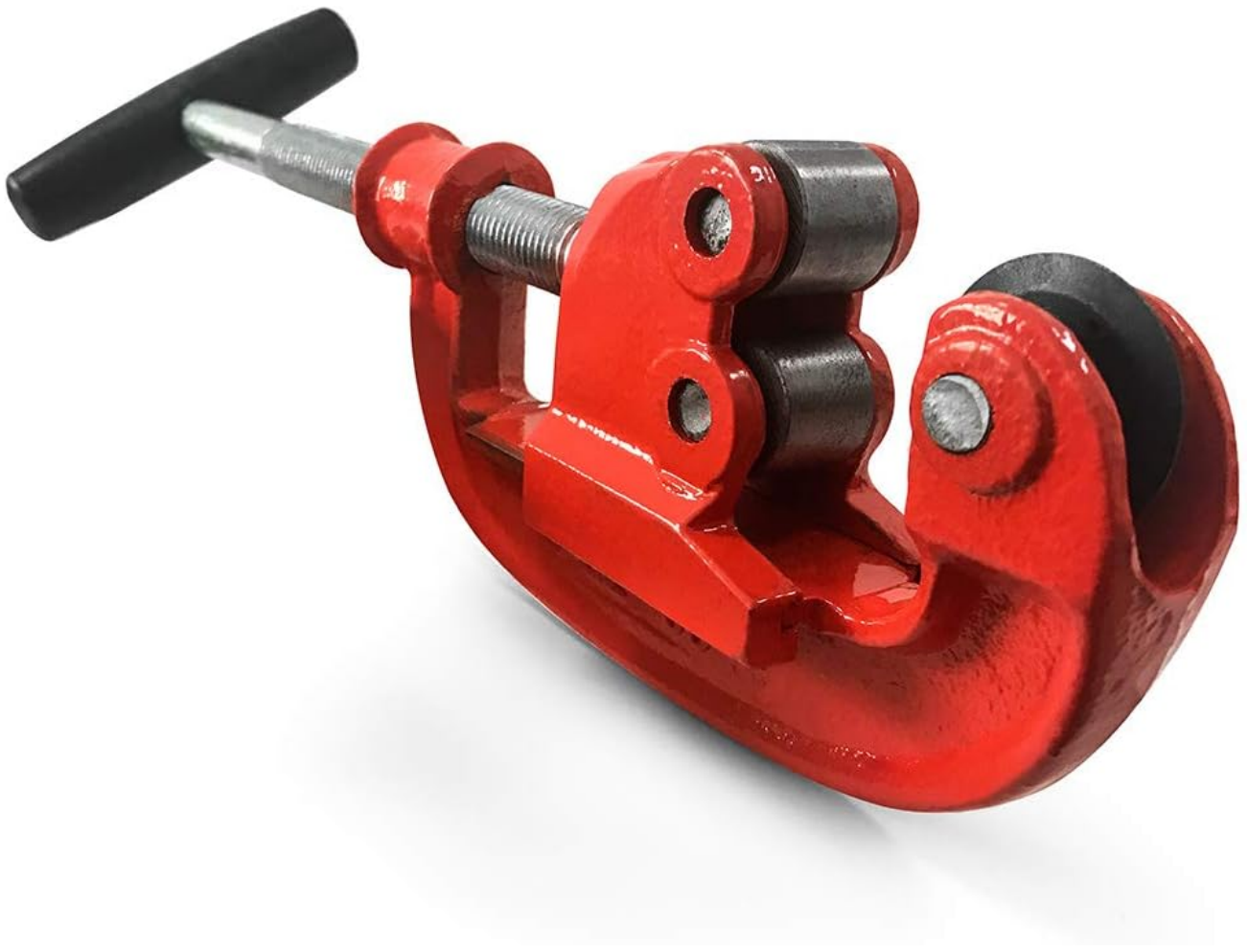


Figure 1: Front view of the QWORK Heavy Duty Pipe Cutter, showcasing its robust red body and black handle.

Key Features

- **Versatile Cutting:** Ideal for fast, clean pipe cutting by hand or power, accommodating pipes from 1/8-inch (3 mm) to 2-inch (50 mm) in diameter.
- **Durable Design:** Features an extra-long shank that protects adjustment threads from damage and wear.
- **Ergonomic Handle:** An extra-large handle allows for quick and easy adjustments, enhancing user comfort and control.
- **Convertible Functionality:** Can be converted to a 3-wheel cutter by replacing the standard rollers with an additional cutter wheel (sold separately), offering increased versatility.
- **High-Quality Material:** Constructed from durable steel for long-lasting performance.

SETUP AND PREPARATION

Before using your QWORK Pipe Cutter, ensure the pipe is securely held and the cutting wheel is properly positioned. Always wear appropriate safety gear, including safety glasses and gloves.

1. **Inspect the Tool:** Before each use, check the cutting wheel for any damage or dullness. Ensure all moving parts operate smoothly.
2. **Prepare the Pipe:** Secure the pipe firmly in a vise or other stable holding device. Mark the desired cutting line clearly on the pipe.

3. **Open the Jaws:** Rotate the handle counter-clockwise to open the jaws of the pipe cutter wide enough to fit over the pipe.
4. **Position the Cutter:** Place the pipe cutter onto the pipe, aligning the cutting wheel with the marked cutting line. Ensure the rollers are firmly against the pipe on the opposite side of the cutting wheel.
5. **Tighten the Handle:** Rotate the handle clockwise to gently tighten the cutting wheel against the pipe. Apply just enough pressure to hold the cutter in place without deforming the pipe.

The correct direction should be tightening it so that the cutter does not get loosen. Ensure screw is tight or the cut will start to spiral when screw is loose

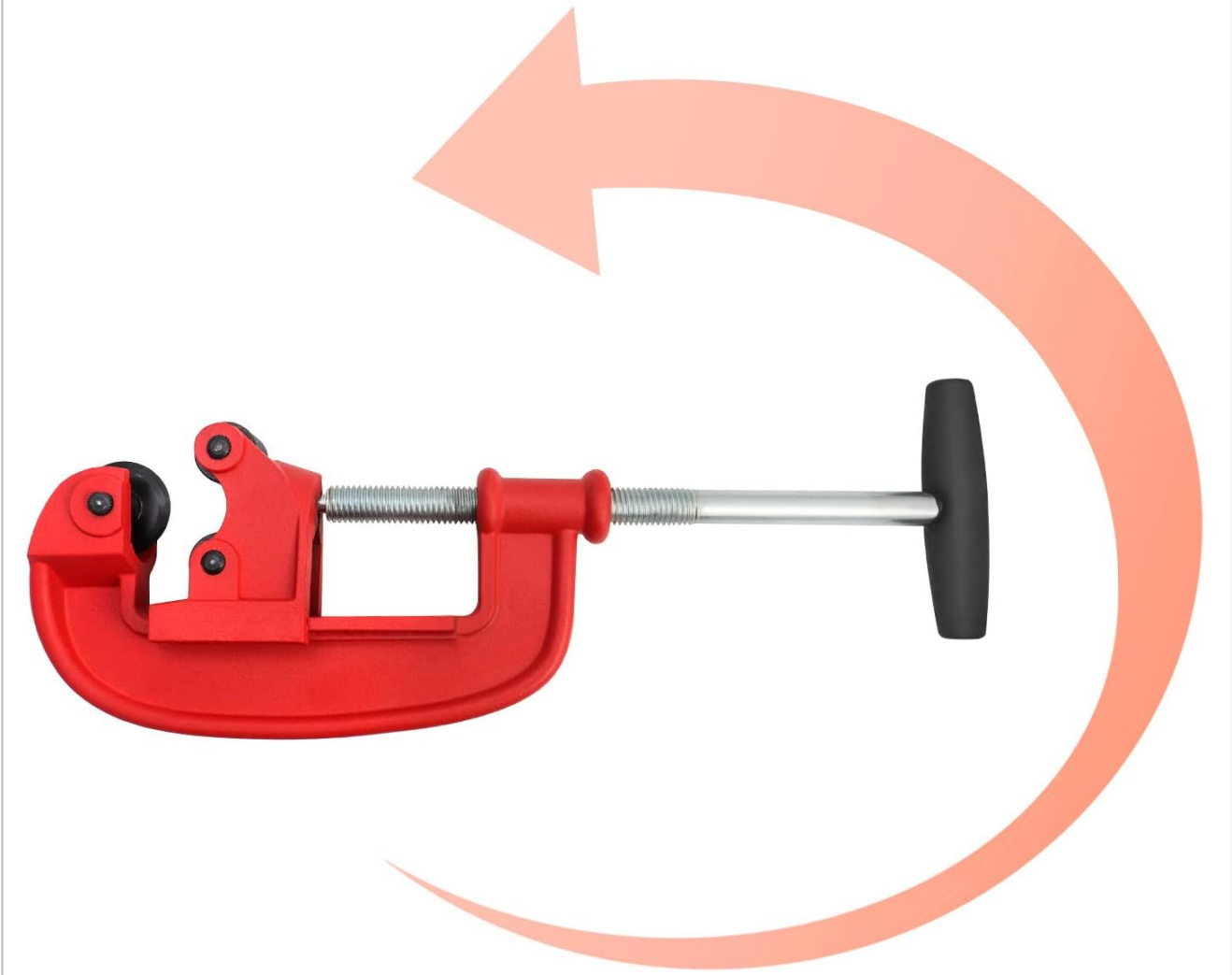


Figure 2: Illustration demonstrating the correct tightening direction for the pipe cutter. The screw should be tightened to prevent the cutter from loosening during operation, ensuring a straight cut.

OPERATING INSTRUCTIONS

Follow these steps for a clean and efficient pipe cut:

1. **Initial Engagement:** Once the cutter is positioned and lightly tightened, rotate the cutter around the pipe, ensuring the cutting wheel scores a consistent line around the circumference.

2. **Apply Pressure:** After one full rotation, tighten the handle clockwise by about a quarter to half a turn. This applies additional pressure to the cutting wheel.
3. **Continue Rotating:** Continue rotating the cutter around the pipe. Repeat the process of tightening the handle slightly after every one or two full rotations.
4. **Maintain Even Pressure:** It is crucial to apply gradual and even pressure. Excessive pressure can deform the pipe, damage the cutting wheel, or result in an uneven cut. Insufficient pressure will prolong the cutting process.
5. **Complete the Cut:** Continue rotating and tightening until the pipe is completely severed. The pipe will separate cleanly.
6. **Deburr (Optional):** After cutting, use a reamer or file to remove any internal or external burrs from the cut edge of the pipe.

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Video 1: Demonstration of the QWORK Pipe Cutter in action. This short video illustrates the process of positioning the cutter on a pipe, tightening the handle, and rotating the tool to achieve a clean cut. Observe the gradual tightening and continuous rotation for optimal results.

MAINTENANCE

Proper maintenance will extend the life of your QWORK Pipe Cutter and ensure consistent performance.

- **Cleaning:** After each use, wipe down the pipe cutter with a clean, dry cloth to remove any metal shavings, dust, or debris. For stubborn grime, a mild solvent can be used, followed by thorough drying.
- **Lubrication:** Periodically apply a light machine oil to the screw threads and other moving parts to ensure smooth operation and prevent rust.
- **Cutting Wheel Inspection:** Regularly inspect the cutting wheel for chips, cracks, or excessive wear. A dull or damaged wheel will result in poor cuts and increased effort. Replace the cutting wheel as needed. Replacement wheels are available from QWORK or authorized dealers.
- **Storage:** Store the pipe cutter in a dry environment to prevent corrosion. Keep the jaws slightly open to relieve pressure on the components.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Uneven or Spiraling Cut	Insufficient or uneven pressure; loose screw; dull cutting wheel.	Ensure consistent, gradual pressure. Tighten the screw properly (refer to Figure 2). Replace the cutting wheel if dull.

Problem	Possible Cause	Solution
Difficulty Rotating Cutter	Excessive pressure; dry or dirty threads/rollers; pipe material too hard for tool.	Reduce pressure. Clean and lubricate threads and rollers. Verify pipe material is within tool's capacity.
Pipe Deforms During Cut	Excessive pressure; pipe material is too soft.	Reduce pressure and apply more gradually. Ensure the pipe is adequately supported.
Cutter Jams	Debris in mechanism; damaged parts.	Clean the cutter thoroughly. Inspect for damaged components and replace if necessary.

SPECIFICATIONS

Attribute	Detail
Manufacturer	QWORK
Part Number	DG2804
Item Weight	2.66 pounds
Package Dimensions	15.07 x 4.92 x 2.13 inches
Model Number	DG2804
Pipe Capacity (Size)	1/8-inch to 2-inch (3 mm to 50 mm)
Material	Steel
Item Package Quantity	1
Batteries Required?	No
Date First Available	September 19, 2019

WARRANTY AND SUPPORT

QWORK products are manufactured to high-quality standards. For specific warranty information, please refer to the product packaging or contact QWORK customer service directly.

If you encounter any issues or have questions regarding your QWORK Heavy Duty Pipe Cutter, please visit the official QWORK website or contact their customer support team for assistance. Keep your purchase receipt for warranty claims.

Contact Information:

QWORK Store Link: [Visit the QWORK Store on Amazon](#)

For further support, please refer to the contact details provided with your product packaging or on the official QWORK website.

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