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> [BLACK+DECKER WM225 Workmate 225 Portable Work Bench Instruction Manual](#)

BLACK+DECKER WM225

BLACK+DECKER WM225 Workmate 225

PORTABLE WORK BENCH INSTRUCTION MANUAL

Model: WM225 | Brand: BLACK+DECKER

Product Overview

The BLACK+DECKER WM225 Workmate 225 is a versatile portable work bench designed for various tasks. It functions as a workbench, bench tool stand, vise, or sawhorse, offering a robust solution for your projects. Its advanced one-handed clamp design and dual-height capability enhance usability, while its foldable structure ensures easy storage and transport.

Constructed with strong steel, this Workmate can support up to 450 pounds. It features adjustable jaws with four swivel pegs, providing a unique and secure gripping range for various objects.

Key Features

- **Multi-functional Design:** Transforms into a vise, sawhorse, and bench tool stand.
- **High Capacity:** Sturdy steel design holds up to 450 pounds.
- **Adjustable Clamping:** Jaws include four swivel pegs for a unique gripping range.
- **Portable & Compact:** Lightweight design folds for easy storage and transport.
- **Dual Height:** Offers two working heights for increased versatility.

Setup and Assembly

The BLACK+DECKER WM225 Workmate 225 requires some assembly. Follow the instructions carefully to ensure proper and safe setup. While the design is intended for ease of use, attention to detail during assembly is crucial.



Figure 1: Fully assembled BLACK+DECKER WM225 Workmate 225.

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the parts list provided in your physical manual.
2. **Assemble Frame:** Connect the main frame components, ensuring all bolts and fasteners are securely tightened.
3. **Attach Work Surfaces:** Secure the wooden work surfaces to the frame. Pay close attention to the orientation of the fixed and movable jaws.
4. **Install Handles and Pegs:** Attach the crank handles and insert the four swivel pegs into their designated holes on the work surfaces. Ensure the handle pins are lubricated for easier insertion, as

this can be a tight fit.

For a visual guide on assembly, please refer to the official product video below:

Your browser does not support the video tag.

Video: Official BLACK+DECKER overview of the WM225 Portable Work Bench, demonstrating its features and setup.

Operating Instructions

The Workmate 225 offers multiple configurations to suit various tasks:

1. Workbench Mode

In its primary configuration, the Workmate serves as a stable workbench. Ensure the legs are fully extended and locked into place for maximum stability. The work surfaces provide a flat area for various projects.



Figure 2: Workmate 225 configured as a workbench with material clamped.

2. Vise Operation

The Workmate's adjustable jaws function as a powerful vise. Use the crank handle to open and close the jaws. The four included swivel pegs can be inserted into the holes on the work surfaces to grip irregularly shaped objects securely.



Figure 3: Utilizing the swivel pegs to clamp an object.

To clamp an object:

1. Place the object between the jaws.
2. Insert swivel pegs into appropriate holes to accommodate the object's shape.
3. Turn the crank handle clockwise to tighten the jaws and secure the object.

3. Sawhorse and Bench Tool Stand

The Workmate can be used as a sawhorse for cutting lumber or as a stable stand for bench tools like miter saws or planers. Its robust construction provides a reliable base for these applications.



Figure 4: Workmate 225 serving as a stable bench tool stand for a miter saw.

4. Height Adjustment

The Workmate 225 features a dual-height adjustment mechanism. This allows you to set the work surface at a comfortable height for different tasks, whether standing or sitting.



Figure 5: Adjusting the Workmate to a higher working position.



Figure 6: Adjusting the Workmate to a lower working position.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your Workmate 225.

- **Cleaning:** Wipe down the work surfaces and frame with a damp cloth after each use to remove dust, sawdust, and debris. Avoid harsh chemicals that may damage the finish.
- **Lubrication:** Periodically apply a light lubricant to the screw mechanisms of the vise jaws and the folding joints to ensure smooth operation.
- **Fastener Check:** Regularly inspect all bolts, screws, and connections. Tighten any loose fasteners to maintain stability and safety.
- **Storage:** When not in use, fold the Workmate for compact storage. Store it in a dry environment to prevent rust and material degradation.



Figure 7: The Workmate 225 folds compactly for easy portability.



Figure 8: The Workmate 225 can be conveniently stored on a wall.

Troubleshooting

If you encounter issues with your Workmate 225, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Difficulty during assembly (e.g., inserting pins)	Tight tolerances, lack of lubrication.	Apply a small amount of lubricant (e.g., silicone spray) to pins before insertion. Ensure proper alignment and apply steady pressure. Refer to the assembly video if needed.
Jaws not clamping securely	Loose fasteners, worn components, incorrect peg placement.	Check and tighten all fasteners on the jaw mechanism. Ensure swivel pegs are correctly seated and positioned to match the object's shape.
Workmate feels unstable	Legs not fully extended/locked, uneven surface, loose frame connections.	Ensure all legs are fully extended and the locking mechanisms are engaged. Place the Workmate on a flat, level surface. Inspect and tighten any loose bolts on the frame.
Difficulty folding/unfolding	Stiff joints, debris in mechanism.	Clean any debris from the folding joints. Apply a light lubricant to the pivot points.

Specifications

Attribute	Detail
Model Number	WM225
Load Capacity	450 pounds
Item Weight	22 pounds
Product Dimensions	24.1 x 6.7 x 30.1 inches
Frame Material	Alloy Steel
Assembly Required	Yes
Included Components	4-Attachments, Workmate 225 Portable Work Bench
Warranty	2 year warranty
UPC	028873792259

Warranty Information

The BLACK+DECKER WM225 Workmate 225 comes with a **2-year warranty** from the date of purchase. This warranty covers defects in material or workmanship. For full details regarding warranty coverage, limitations, and how to make a claim, please refer to the warranty card included with your product or visit the official BLACK+DECKER website.

Customer Support

For further assistance, technical support, or to inquire about replacement parts, please contact BLACK+DECKER customer service:

- **Website:** Visit the official BLACK+DECKER website for FAQs and support resources.
- **Phone:** Refer to your product packaging or the official website for the most current customer service contact number.

Please have your model number (WM225) and date of purchase ready when contacting support.