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› BEILOCKERY S300455 Manual Slab Roller Printmaking Press Machine User Manual

## BEILOCKERY S300455

# BEILOCKERY S300455 Manual Slab Roller Printmaking Press Machine

User Manual

## 1. INTRODUCTION

This manual provides essential information for the safe and effective operation, setup, and maintenance of your BEILOCKERY S300455 Manual Slab Roller Printmaking Press Machine. This robust tabletop press is designed for various printmaking techniques, including copperplate, woodblock, gravure, and relief printing. The machine features a spacious work area of 18.9 inches by 11.2 inches, allowing for large-format projects. Constructed from high-strength iron, it ensures durability and stable performance. The adjustable roller height accommodates different material thicknesses, and the large-diameter handwheel provides precise control with minimal effort.

# Desktop Manual Printmaking Press

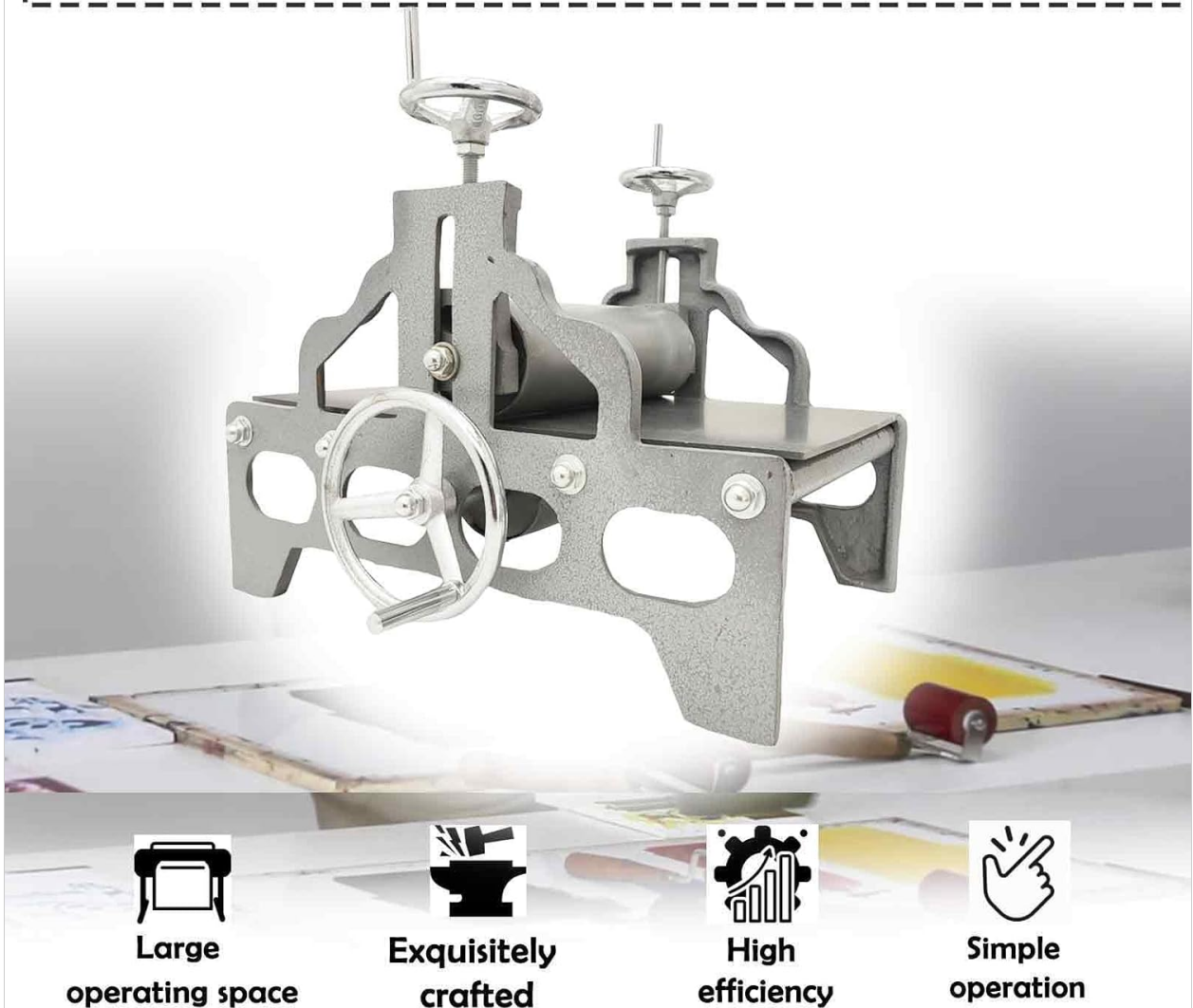


Image 1.1: Overview of the BEILOCKERY S300455 Manual Slab Roller Printmaking Press Machine.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the machine. Failure to follow these instructions may result in injury or damage to the equipment.

- **Keep hands clear:** Always keep hands and fingers away from moving parts, especially the rollers, during operation.
- **Stable surface:** Ensure the press is placed on a stable, level, and sturdy workbench to prevent tipping or movement during use.
- **Proper attire:** Avoid wearing loose clothing, jewelry, or long hair that could get caught in the machine.
- **Supervision:** Do not allow children or untrained individuals to operate the machine.
- **Clean workspace:** Keep your work area clean and free of clutter to prevent accidents.
- **Inspect before use:** Before each use, inspect the machine for any signs of damage or loose components. Do not operate if damaged.

## 3. PRODUCT COMPONENTS AND FEATURES

The BEILOCKERY S300455 is designed for ease of use and durability. Key features include:

- **Large Workspace:** A spacious work area measuring 18.9 inches x 11.2 inches accommodates various plate sizes for unrestricted creative expression.
- **High-Strength Iron Construction:** Built from premium iron plates, including an upgraded iron pressure adjustment knob, for enhanced durability and reliable performance.
- **Adjustable Height:** The roller height can be precisely adjusted to suit different printing requirements and material thicknesses, ensuring clear prints with appropriate pressure.
- **User-Friendly Design:** Features robust rollers and a large-diameter handwheel for optimal control and smooth operation, requiring minimal force.



Image 3.1: Detailed view highlighting the large workspace, adjustable height mechanism, and large-diameter handwheel.

## 4. SETUP

Before operating your printmaking press, follow these steps to ensure proper setup:

1. **Unpacking:** Carefully remove all components from the packaging. Retain packaging for future storage

or transport.

2. **Placement:** Position the press on a sturdy, level, and non-slip surface capable of supporting its weight (approximately 50 lbs shipping weight).
3. **Assembly (if required):** Ensure all handwheels and adjustment knobs are securely attached. The main structure typically comes pre-assembled.
4. **Cleanliness:** Wipe down the worktable and rollers with a clean, dry cloth to remove any dust or manufacturing residue.

## 5. OPERATING INSTRUCTIONS

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Follow these steps for effective printmaking using your manual slab roller press:

1. **Prepare the Plate:** Lay your printing pad flat on the slide of the roller shaft. Place your finished, inked plate onto the pad.
2. **Adjust Roller Height:** Rotate the lifting handwheel (typically the upper, smaller handwheel) to lower the roller. Adjust it so that the roller is in a proper position to apply downward pressure on one end of your plate and pad assembly. The pressure should be firm but not excessive, allowing for smooth movement.
3. **Initiate Printing:** Rotate the forward handwheel (typically the larger, lower handwheel on the side). This will slowly move the plate and pad assembly forward, passing under the roller, until the entire plate has been pressed.
4. **Remove Print:** Once the plate has passed through, carefully lift the roller using the lifting handwheel and remove your printed material.

## Method of use

1. Lay the pad flat on the slide of the roller shaft. Place the finished plate on the pad with ink.
2. Rotate the lifting hand wheel so that the roller is in a proper position downward, pressing down one end of the above "assembly".
3. Rotate the forward handwheel on the side. It's a combination that slowly moves forward until it's finished.



*Image 5.1: Step-by-step illustration of the printmaking process.*

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your printmaking press.

- **Cleaning:** After each use, clean any ink or debris from the rollers and worktable using appropriate cleaning agents for your ink type. Avoid abrasive cleaners.
- **Lubrication:** Periodically apply a light machine oil to the moving parts, such as the roller shafts and handwheel mechanisms, to ensure smooth operation. Do not over-lubricate.
- **Inspection:** Regularly check all bolts and fasteners to ensure they are tight. Inspect the rollers for any signs of wear or damage.
- **Storage:** When not in use, store the press in a dry, dust-free environment to prevent rust and accumulation of debris.

## 7. TROUBLESHOOTING

This section addresses common issues you might encounter during operation.

- **Uneven Pressure/Print:**

- Ensure the plate and pad are evenly placed on the worktable.
- Verify that the roller height is adjusted uniformly across the width of the plate.
- Check for any debris on the rollers or worktable.

- **Difficulty Rotating Handwheel:**

- The roller height might be set too low, creating excessive pressure. Adjust the lifting handwheel to reduce pressure.
- Lubricate moving parts if they feel stiff.

- **Machine Movement During Operation:**

- Ensure the press is on a stable, non-slip surface. Consider using rubber matting underneath.
- Check that all feet or base components are level and secure.

## 8. SPECIFICATIONS

Parameter	Value
Model Number	S300455
Worktable Size	480 x 285mm (18.9 x 11.2 inches)
Machine Dimensions (LxWxH)	18.9 x 13.39 x 17.13 inches (Product Dimensions: 18.89 x 7.87 x 7.48 inches)
Operation	Manual
Color	Gray
Shipping Weight	Approximately 50 lbs
Manufacturer	BEILOCKERY
ASIN	B0FP28ZW3F

# Product Size

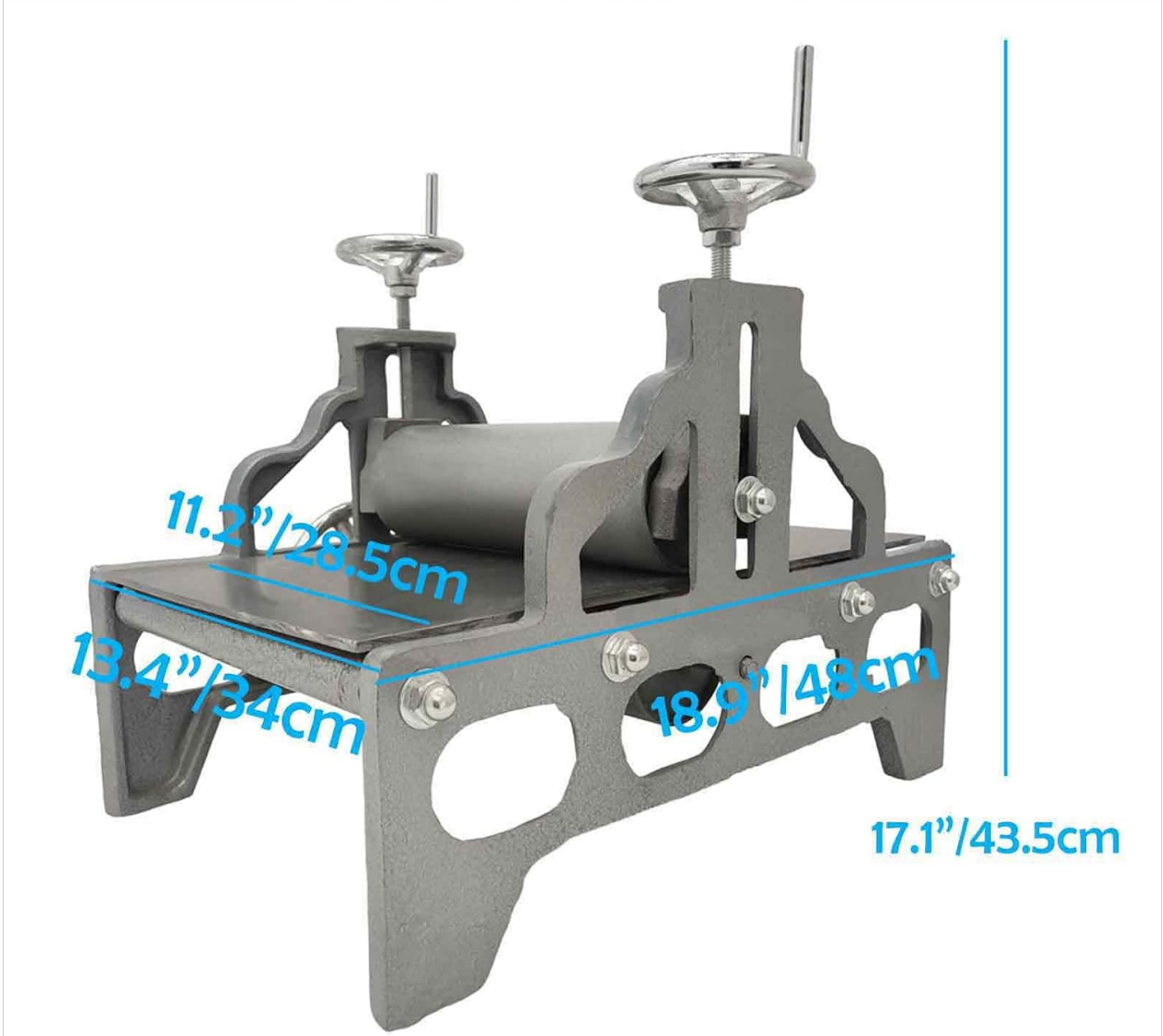


Image 8.1: Product dimensions and measurements.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact BEILOCKERY customer service through the retailer where the product was acquired. Please have your model number (S300455) and purchase date available when contacting support.