

## Koblenz B-1500-P

# Koblenz B-1500-P High-Speed Floor Burnisher Instruction Manual

Your guide to safe and effective operation, maintenance, and care of your Koblenz B-1500-P High-Speed Floor Burnisher.

## 1. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the Koblenz B-1500-P Floor Burnisher. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Electrical Safety:** Ensure the power cord is in good condition and connected to a grounded outlet. Do not operate in wet conditions or near standing water.
- **Personal Protective Equipment (PPE):** Wear appropriate safety glasses and non-slip footwear during operation.
- **Operation Area:** Keep the work area clear of obstructions and other personnel. Ensure adequate ventilation.
- **Machine Stability:** Always maintain a firm grip on the handle during operation. Do not leave the machine unattended while powered on.
- **Circuit Breaker:** The unit is equipped with a handle-mounted circuit breaker for overload protection. If the machine stops unexpectedly, check and reset the circuit breaker.

## 2. PRODUCT OVERVIEW

The Koblenz B-1500-P is a high-speed floor burnisher designed for efficient floor polishing. It features a robust motor and durable construction for reliable performance.





Figure 2.1: Front view of the Koblenz B-1500-P High-Speed Floor Burnisher.



Figure 2.2: Key components of the Koblenz B-1500-P, including the 2-piece chromed handle, 50' long power cord, 1.5 HP AC twin capacitor motor, cast aluminum chassis, and epoxy powder-coated steel shroud.

### 3. SETUP AND ASSEMBLY

Follow these steps to prepare your burnisher for operation.

#### 3.1 Handle Assembly

1. Unpack all components and ensure all parts are present.
2. Connect the two pieces of the 1¼" diameter chromed steel handle. Secure them firmly using the provided fasteners.
3. Attach the assembled handle to the main body of the burnisher, ensuring it is securely locked into position.

## 3.2 Pad Attachment

The burnisher uses a 20-inch floor cleaner pad. Ensure the correct pad type is selected for your specific floor surface and desired finish.

1. Tilt the machine back to expose the pad driver.
2. Center the 20-inch pad onto the pad driver. Ensure it is flat and securely attached.
3. Gently lower the machine back to its operating position.

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Video 3.1: Demonstration of brush attachment on a similar floor machine. The principle for attaching pads to the Koblenz B-1500-P is similar.

## 3.3 Power Connection

Connect the 50-foot, 3-wire grounded power cord (14-gauge) to a suitable grounded electrical outlet. Ensure the outlet matches the voltage requirements of the machine.

# 4. OPERATING INSTRUCTIONS

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Proper operation ensures optimal performance and safety.

## 4.1 Starting the Machine

1. Ensure the machine is fully assembled and the pad is correctly attached.
2. Plug the power cord into a grounded outlet.
3. Grip the handle firmly with both hands.
4. Engage the power switch, typically located on the handle, to start the motor. The 1.5 HP AC twin capacitor motor will begin rotating the pad.

## 4.2 Maneuvering and Polishing

The burnisher is designed for smooth operation across various floor types.

- **Movement:** The four 5-inch non-marking wheels allow for effortless maneuverability. Guide the machine in overlapping passes to ensure even coverage.
- **Surface Adaptation:** The flexible pad driver helps the machine adapt to different surfaces, providing consistent polishing results.
- **Even Finish:** The DC rectified motor delivers smooth and consistent power, contributing to an even and professional polish.



Figure 4.1: The Koblenz B-1500-P in operation, demonstrating its polishing capability.





Figure 4.2: The 5-inch non-marking wheels ensure smooth movement without damaging delicate floor surfaces.

Video 4.1: General demonstration of a floor buffer in operation, showing the application and removal of cleaning solution. This video features a Sanitmax branded product, but illustrates typical floor buffer usage.

Video 4.2: Demonstration of a Dapper branded floor buffer cleaning various surfaces, including hard floors and carpets. This illustrates the versatility of floor buffers for different applications.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your burnisher.

### 5.1 Cleaning the Machine

After each use, disconnect the power and clean the machine. Wipe down the exterior with a damp cloth. Remove and clean the polishing pad according to its specific care instructions.

### 5.2 Pad and Brush Care

Inspect pads and brushes regularly for wear and tear. Replace worn pads to maintain effective polishing. Clean brushes thoroughly after use to prevent buildup.

### 5.3 Circuit Breaker

The handle-mounted circuit breaker protects the motor from overload. If the circuit breaker trips, disconnect the power, allow the motor to cool, and then press the reset button on the handle before resuming operation.

## 6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

- **Machine does not start:**
  - Check if the power cord is securely plugged into a grounded outlet.
  - Verify the outlet has power.
  - Check the handle-mounted circuit breaker and reset if tripped.
- **Uneven polishing results:**
  - Ensure the polishing pad is clean and evenly attached to the pad driver.
  - Make sure you are using the correct type of pad for the floor surface.
  - Apply even pressure and use overlapping passes during operation.
- **Machine is difficult to maneuver:**
  - Check the non-marking wheels for any obstructions or damage.
  - Ensure the handle is adjusted to a comfortable height for proper leverage.

## 7. SPECIFICATIONS

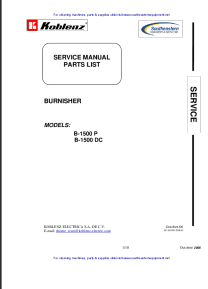

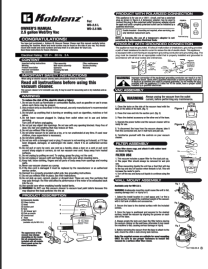



Feature	Detail
Brand	Koblenz
Model Number	B-1500-P
Motor	1.5 HP AC Twin Capacitor Motor
Pad Size	20 inches
Power Cord	50-foot, 3-wire grounded (14-gauge)
Handle	2-piece, 1¼" dia. chromed steel
Chassis	Cast aluminum
Shroud	Epoxy powder-coated steel
Wheels	Four 5-inch non-marking wheels
Item Weight	102 pounds (without cable)
Product Dimensions	35 x 20 x 48 inches
Assembly Required	Yes
Power Source	Corded Electric

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Koblenz website. Keep your purchase receipt for warranty claims.

**Customer Support:** For technical assistance or service inquiries, please contact Koblenz customer support through their official channels.

### Related Documents - B-1500-P

	<p><a href="#">Koblenz B-1500 P/DC Burnisher Service Manual and Parts List</a></p> <p>Comprehensive service manual and parts list for the Koblenz B-1500 P and B-1500 DC burnisher models, including safety tests, replacement procedures, troubleshooting, electrical information, wiring diagrams, and a detailed parts list with assembly diagrams.</p>
	<p><a href="#">Koblenz Coffee Maker User Manual - CKM Series</a></p> <p>Comprehensive user manual for Koblenz coffee makers, including models CKM-215 IN, CKM-212 IN, CKM-212 R, CKM-212 PIN, CKM-204 N, and CKM-204 B. Features setup, operation, maintenance, troubleshooting, and warranty information.</p>
	<p><a href="#">Koblenz WD-2.5 L/MA Wet/Dry Vacuum Cleaner Owner's Manual and Safety Guide</a></p> <p>This owner's manual provides essential safety instructions, operating procedures, maintenance tips, and warranty information for the Koblenz WD-2.5 L and WD-2.5 MA Wet/Dry Vacuum Cleaner.</p>
	<p><a href="#">Koblenz Mix&amp;Go BKM-1000/BKM-800 User Manual</a></p> <p>User manual for the Koblenz Mix&amp;Go blender, including safety instructions, operation, maintenance, troubleshooting, and warranty information for models BKM-1000 and BKM-800.</p>
	<p><a href="#">Koblenz Product Warranty Information</a></p> <p>Details the warranty terms for Koblenz products, covering defects in materials and workmanship for one year, and exclusions for misuse or unauthorized repairs. Includes contact information for service centers.</p>
	<p><a href="#">Koblenz HL-450 V Pressure Washer Operating Instructions and Manual</a></p> <p>Comprehensive operating instructions, safety guidelines, maintenance, and troubleshooting for the Koblenz HL-450 V pressure washer. Learn how to use and care for your Koblenz pressure washer.</p>