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Powr-Flite M1600-3

Powr-Flite M1600-3 Millennium Edition Electric Burnisher Instruction Manual

Model: M1600-3

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your Powr-Flite M1600-3 Millennium Edition Electric Burnisher. Designed for professional floor care, this 1600 RPM burnisher delivers a high-gloss finish on various floor types. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.



An image showing the Powr-Flite M1600-3 Millennium Edition Electric Burnisher. The machine features a dark gray base with blue accents, a long chrome handle, and a control panel at the top. The power cord is visible, connecting the handle to the base. The burnisher is designed for floor maintenance, providing a high-gloss finish.

SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- Read all instructions before operating the machine.
- Ensure the power cord is in good condition and properly grounded.
- Do not operate the machine in wet conditions or near flammable liquids/vapors.
- Keep hands, feet, and loose clothing away from moving parts.
- Always disconnect power before performing any maintenance or changing pads.
- Use only recommended accessories and replacement parts.
- Store the machine in a dry, secure location when not in use.
- The thumb-activated safety interlock switch must be engaged for operation and prevents accidental startups.

SETUP

Assembly

The Powr-Flite M1600-3 includes an assembly guide. Follow the instructions provided in the separate assembly guide for proper setup of the handle and other components. Ensure all connections are secure before proceeding.

Initial Checks

- Verify that the power cord is free from damage.
- Ensure the burnishing pad is correctly installed and centered on the 20-inch flexible pad driver.
- Check that all fasteners are tight and secure.
- Confirm the machine is on a level surface before connecting to power.

OPERATING INSTRUCTIONS

Starting the Burnisher

1. Plug the power cord into a grounded 120-volt outlet.
2. Position the machine on the floor area to be burnished.
3. Engage the thumb-activated safety interlock switch.
4. Press the power switch to start the motor.

Burnishing Technique

- Maintain a steady, even pace across the floor surface.
- The 20-inch flexible pad driver ensures full pad-to-floor contact, providing consistent results.
- Overlap each pass slightly to ensure complete coverage.
- The 1600 RPM speed is optimized for achieving a high-gloss 'wet look' shine.
- The full surround non-marking bumpers help protect walls and furniture during operation.
- Avoid prolonged operation in one spot to prevent floor damage.
- To stop the machine, release the power switch and the safety interlock.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your burnisher.

Cleaning

- After each use, disconnect power and wipe down the exterior of the machine with a damp cloth.
- Remove any debris or dust from the pad driver and surrounding areas.
- Do not use harsh chemicals or abrasive cleaners.

Pad Replacement

- Always disconnect the power cord before changing the burnishing pad.
- Tilt the machine back to access the pad driver.
- Remove the worn pad and replace it with a new, appropriate burnishing pad.
- Ensure the new pad is centered and securely attached to the pad driver.

TRUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Machine does not start	No power; Safety interlock not engaged; Faulty power switch	Check power outlet and cord; Engage safety interlock; Contact service for switch replacement
Poor burnishing results	Worn or incorrect pad; Uneven pressure; Floor not properly prepared	Replace pad; Adjust operating technique; Ensure floor is clean and dry
Excessive vibration or noise	Pad not centered; Loose components; Motor issue	Re-center pad; Check all fasteners; Contact service for motor inspection

SPECIFICATIONS

- **Model:** M1600-3
- **Speed:** 1600 RPM
- **Pad Size:** 20 inches
- **Voltage:** 120 Volts
- **Product Dimensions:** 35"D x 23"W x 53"H
- **Weight:** Approximately 60 Pounds
- **Included Components:** Assembly Guide
- **Manufacturer:** Tacony Corporation






WARRANTY AND SUPPORT

Powr-Flite products are manufactured to high standards and are supported by a manufacturer's warranty. For

specific warranty details, service, or technical assistance, please refer to the documentation included with your purchase or visit the official Powr-Flite website. Keep your purchase receipt for warranty claims.

For customer support, you may also refer to the contact information provided by your authorized dealer or the manufacturer.

Related Documents - M1600-3

	<p>Powr-Flite NM1600 Ultra High Speed Burnisher Parts List and Schematic</p> <p>Detailed parts list and schematic for the Powr-Flite NM1600 Ultra High Speed Burnisher, including part numbers, quantities, and descriptions. Information provided by Tacony Corporation.</p>
	<p>Powr-Flite NM1600 Ultra High Speed Burnisher Operator's Manual</p> <p>Comprehensive operator's manual for the Powr-Flite NM1600 Ultra High Speed Burnisher, detailing safety precautions, operating procedures, maintenance guidelines, and troubleshooting tips for professional floor care.</p>
	<p>Powr-Flite NM2000 Ultra High Speed Burnisher Operator's Manual</p> <p>Comprehensive operator's manual for the Powr-Flite NM2000 Ultra High Speed Burnisher, covering safety instructions, operation, maintenance, and troubleshooting for achieving a high-gloss floor finish.</p>
	<p>Powr-Flite Floor Machine Operator's Manual: Standard & High Speed Models</p> <p>Comprehensive operator's manual for Powr-Flite commercial floor machines, including models P201, P171, P131, P201HD, P171HD, P202, P172, P203, P173, P171SD. Covers operation, safety, applications, maintenance, troubleshooting, and Powr HD™ pads.</p>
	<p>Powr-Flite Floor Machine Operator's Manual: Operation, Maintenance, and Safety</p> <p>Comprehensive operator's manual for Powr-Flite commercial floor machines, including models M201-3, M171-3, P131-3, M201HD-3, M171HD-3, M202-3, M172-3, and M171SD-3. Covers essential safety guidelines, operating procedures, maintenance schedules, and troubleshooting tips for optimal performance and longevity.</p>



Comprehensive parts list and assembly diagrams for Powr-Flite floor machines, including models P131, P77, P99, P772, P882, P992, P171, P171HD, P171SD, P172, P173, P201, P201HD, P202, and M203.