Dayton 20-inch Dual Speed Floor Scrubber (185/330 RPM)

Dayton Floor Scrubber Instruction Manual

Model: 20-inch Dual Speed Floor Scrubber (185/330 RPM)

Product Overview

This manual provides instructions for the safe and efficient operation, maintenance, and troubleshooting of the Dayton Dual Speed Floor Scrubber. This machine is designed for professional floor cleaning and polishing applications.



Image: The Dayton 20-inch Dual Speed Floor Scrubber, showing its upright handle, motor housing, and circular brush base with wheels.

Safety Information

Always read and understand all safety warnings and instructions before operating this machine. Failure to follow these instructions may result in serious injury or property damage.

- Ensure the power cord is undamaged and properly grounded.
- Do not operate the machine in wet conditions or near flammable liquids/gases.
- Keep hands, feet, and loose clothing away from moving parts.
- Always disconnect power before performing any maintenance or adjustments.
- Use appropriate personal protective equipment (PPE), such as safety glasses and non-slip footwear.
- The machine includes a safety-lock-out switch; ensure it is functioning correctly.

Setup

Unpacking and Assembly

The unit comes with an instruction guide. Follow the guide for any required assembly. Ensure all components listed in the instruction guide are present and undamaged.

- Carefully remove the floor scrubber from its packaging.
- Inspect the machine for any shipping damage. Report any damage immediately to the carrier.
- Attach the handle assembly if it is not pre-attached, securing all bolts and fasteners as per the included instruction guide.
- Ensure the pad driver is correctly installed on the machine's base.

Power Connection

Connect the 50 ft. power cord to a grounded 115VAC @ 15A, 60 Hz power outlet.

Operating Instructions

Pre-Operation Checks

- Verify the pad driver is clean and the correct pad (for scrubbing or polishing) is securely attached.
- Check the power cord for any cuts or damage.
- Ensure the work area is clear of obstacles and trip hazards.

Starting the Machine

1. Plug the power cord into a suitable electrical outlet.
2. Grip the handle firmly with both hands.
3. Engage the safety-lock-out switch.

4. Press the operating levers to start the machine.

Speed Selection (Dual Speed)

This machine features dual brush speeds of 185 rpm and 330 rpm. Select the appropriate speed based on the task:

- **185 rpm:** Ideal for general scrubbing and stripping applications.
- **330 rpm:** Suitable for polishing and buffing tasks, providing a higher shine.

Refer to the specific controls on the handle for switching between speeds, as detailed in the included instruction guide.

Operating Technique

- Maintain a steady, controlled pace.
- Overlap passes slightly to ensure even cleaning/polishing.
- Do not force the machine; allow the brush/pad to do the work.
- If the machine pulls to one side, adjust your grip or handle height slightly.

Stopping the Machine

1. Release the operating levers.
2. Disengage the safety-lock-out switch.
3. Unplug the power cord from the outlet.

Maintenance

Daily Maintenance

- After each use, clean the pad driver and replace worn pads.
- Wipe down the exterior of the machine with a damp cloth.
- Inspect the power cord for any damage.

Periodic Maintenance

- Check the condition of the triple planetary all-steel gear box for any unusual noises or leaks.
- Lubricate moving parts as recommended in the full instruction guide.
- Inspect wheels for wear and ensure they rotate freely.

Storage

Store the machine in a clean, dry area, away from extreme temperatures and direct sunlight. Ensure the power cord is neatly coiled and secured.

Troubleshooting

Problem	Possible Cause	Solution
Machine does not start	No power; Safety-lock-out switch not engaged; Damaged cord/plug	Check power outlet; Engage safety switch; Inspect and replace cord/plug if damaged.
Excessive vibration or noise	Worn or unbalanced pad/brush; Loose components; Gearbox issue	Replace pad/brush; Tighten loose parts; Contact service for gearbox inspection.
Machine pulls to one side	Uneven floor; Worn pad/brush; Improper operating technique	Adjust technique; Replace pad/brush.

For issues not listed, or if solutions do not resolve the problem, contact Dayton customer support.

Specifications

Feature	Detail
Machine Type	Floor Scrubber/Polisher
Machine Size	20 inches
Motor HP	1.5 HP
Power Source	115VAC @ 15A, 60 Hz (Corded Electric)
Brush Speed	185/330 rpm (Dual Speed)
Cord Length	50 ft.
Sound Level	68 dBA
Construction Material	Metal (Alloy Steel)
Gear Box	Triple Planetary, All Steel
Included Components	Unit, Instruction Guide, Pad Driver
Product Dimensions	30"D x 8"W x 6"H (approx. 30 x 8 x 6 inches)
Weight	111 Pounds
Manufacturer	Dayton
Country of Manufacture	China

Warranty and Support

For warranty information, please refer to the specific warranty card or section within the instruction guide included with your product. For technical support, parts, or service inquiries, please contact Dayton customer service.

Contact information for Dayton can typically be found on the manufacturer's website or within the product packaging.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question