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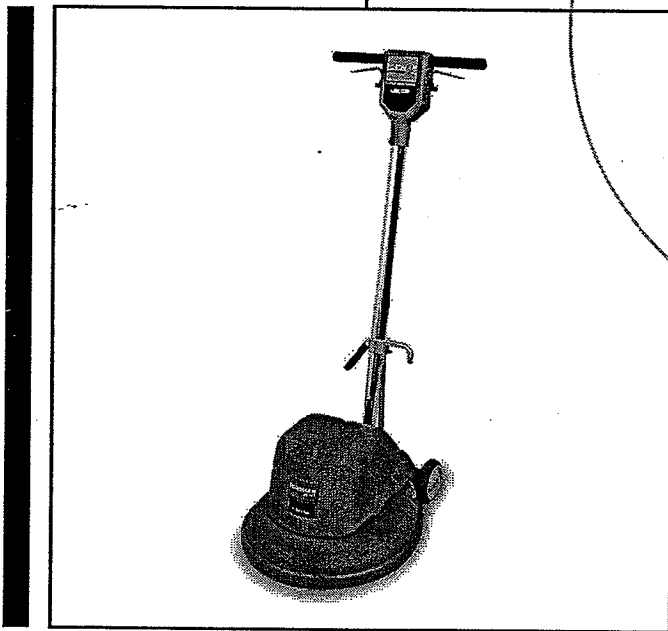
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**Serving the Cleaning Industry Since 1922**

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# Heavy Duty Floor Machines

## Operator's Manual



**FOREMAN™ 20 HD** Item #85021-00  
**FOREMAN™ 17 HD** Item #85028-00

*Chemicals*  
*Equipment*  
*Programs*  
*Process*

**BETCO®**



<b>Operating Instructions - Betco Foreman™ 17HD, Foreman™ 20HD Floor Machines</b>
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### **Specifications**

- **Cleaning Path/Pad Size:** 17", 20"
- **Hour Meter:** Yes / 0.1 hour resolution
- **Motor:** 1.5 hp, 120v, 12 A, 60 HZ
- **Pad Speed:** 175 RPM
- **Power Cord:** 50' 14/3 Safety Yellow
- **Handle Grips:** Anti-Fatigue
- **Operating Wheels:** 5" Non-marking
- **Productivity:** Bonnet-1100 sq.ft/hr., buff/scrub-2400 sq.ft/hr., strip-800 sq.ft/hr.
- **Weight:** 90 lbs.
- **Dimensions:** Length 24.25", Width 20", Height 48"

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### **! WARNING! IMPORTANT SAFETY INSTRUCTIONS**

**Carefully read and understand this manual before operating this machine.**

**To reduce risk of fire, electric shock, or injury:**

- Do not operate in explosive areas, near flammable liquids or gases.
- Only plug into a properly grounded outlet.
- Do not exposure to rain, store indoors.
- Do not plug in or handle machine with wet hands.
- Do not operate the machine with a damaged cord or plug.
- Do not block or disconnect safety lever.
- Do not leave machine plugged in while unattended.
- Unplug machine before servicing.
- Do not put fingers under the pad or pad holder.
- Unplug the machine before installing or removing the pad.
- Use only high speed burnishing pads.
- Do not put any foreign object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, & anything that may reduce airflow.
- Keep hair, loose clothing, fingers, & all parts of body away from openings & moving parts.
- Turn off all controls before unplugging.
- Do not use in or around flammable or combustible liquids such as gasoline or use in areas where they may be present.
- Connect to a properly grounded outlet only. See grounding instructions.

**Operating Instructions - Betco Foreman™ 17HD, Foreman™ 20HD  
Floor Machines**

### **Grounding Instructions**

This machine must be grounded. If it should electrically malfunction, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with a cord having an equipment-grounding conductor & grounding plug. The plug must be plugged into an appropriate outlet that is properly installed & grounded in accordance with all local codes & ordinances.

#### **! DANGER!**

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the machine. If plug will not fit the outlet, have a proper outlet installed by a qualified electrician.

Replace the plug if the grounding pin is damaged or broken.

Extension cords connected to this machine should be 12 gauge, 3-wire cords with 3-prong plugs & outlets. DO NOT use extension cords more than 50 feet long.

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### **Warranty Policy**

#### **10 Year**

Subject to conditions stated below. Betco warrants the rotationally molded polyethylene tanks/housings and injection molded vacuum head assemblies to be free from defects in materials and workmanship for a period of ten years to the original purchaser.

#### **3 Year**

Betco offers a three-year warranty to the original purchaser on other Betco components to be free from defects in material and workmanship. \*See list of exempted wear items.

\*Note: Wear items exempt from warranty include power cords, transport wheels, belts, pad drivers, clutch plates, handle grips, filters, screens, gaskets, throttle cables and brushes.

<b>Operating Instructions - Betco Foreman™ 17HD, Foreman™ 20HD Floor Machines</b>
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## **Operating Instructions**

**Check machine for damage to cord or plug.**

**Use suitable pads or brushes.**

**To install or change the pad:**

1. Unplug the machine.
2. Tip the machine back on the wheels.
3. Install pad driver or brush.
4. Center the pad on the pad driver.

**To operate the machine:**

1. Plug into a grounded outlet.
2. Release the handle and lower it.
3. The handle can be locked into a comfortable position for the operator or used free floating.
4. Press the safety lever and squeeze the trigger to start the machine.
5. Do not operate in one place as damage to the floor or finish could result.
6. Do not operate the machine with the handle in the upright position.
7. Remove the pad after every use.
8. Store the machine tilted back on the transport wheels.
9. Use only new or clean pads and reverse them as needed.

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## **Maintenance Instructions**

To maintain appearance – wipe the machine with a damp cloth after use.

**Warning – Unplug the machine before servicing**

This machine is equipped with an hour meter to signal maintenance intervals of 250 hours. It will begin flashing at 245 hrs and stop at 255 hrs to signal the operator to check the following:

1. Check the motor brushes for wear or excessive arcing.
2. Check the cord and electrical system.
3. Check the safety lockout on the trigger.
4. Check wheels.

