

Hoover Inc. New Equipment Warranty

Limited Warranty

Hoover Inc. warrants new equipment against defects in material and workmanship under normal use and service to the original purchaser. Any statutory implied warranties, including any warranty of merchantability or fitness for a particular purpose, are expressly limited to the duration of this written warranty. Hoover Inc. will not be liable for any other damages, including but not limited to indirect or special consequential damages arising out of or in connection with the furnishing, performance, use or inability to use the machine. This remedy shall be the exclusive remedy of the purchaser. The warranty period is subject to the conditions stated below.

1 Year - Motor and Gearbox, 1 Year - Service Labor

Hoover, Inc. warrants electric motors and transmission gearboxes on all Hoover floor machines to be free from defects in material and workmanship, under normal use and service for one (1) year to the original purchaser. Parts replaced or repaired under this warranty are warranted for the remainder of the original warranty period. Service labor charges are covered for one (1) year from the date of purchase, when performed by a Hoover-authorized service provider. Freight charges to and from this service provider will be covered for 90 days from the purchase date. After this 90 day period, these freight charges will be paid by the equipment owner. Travel expenses are not covered.

Wear Items on all Machines

Critical Wear Items - bearings, capacitors, clutches, pulleys, rectifiers, relays, switches, wheels, tires and casters are warranted for manufacturing defects for one (1) years from the purchase date.

Normal Wear Items - belts, brushes, bumpers carbon brushes, cords, finishes, squeegees, actuating cables and gaskets are warranted for manufacturing defects for ninety (90) days from the purchase date.

All warranties of motors and associated components will be voided; if the machine is used as a floor sander, if the machines is serviced by anyone other than a Hoover-authorized service provider; if the machine is mechanically modified; or if the machine is misused or abused.

The warranty starts on the purchase date by the original purchaser from an authorised Hoover Inc. distributor, subject to proof of purchase. The machine registration card must be completed and returned immediately at the time of purchase. If proof of purchase cannot be identified, the warranty start date is 90 days after the date of sale to an authorized Hoover, Inc. distributor.

Hoover, Inc.

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Glenwillow, Ohio 44139
(888) 321-1134

For Service, Ask for Tech. Service Dept., ext. 2554

www.hoover.com



General-Duty Floor Machines 175 RPM / 1.5 HP / 17"

Design and Engineering

- Powered by a general-duty, 1.5 HP A/C dual capacitor, 10.9 amp, 66-frame, 110V motor for convenient operation.
- The dual capacitor gear drive is reliable and safe to use.
- The steel chassis and apron has an attractive HDPE plastic shroud. HDPE surfaces are easy to clean.
- 17" size. Scrub with a 16" rotary brush or a 17" pad and pad driver. Easy brush mounting with a "B" / "92" style brush drive plug.
- Includes a 4 gallon molded plastic solution tank with chain valve release. Convenient dispensing of floor care chemicals to the working area.
- Dual thumb-operated safety-enhanced interlock switch on the handle leaves both hands in convenient control.
- Safety-enhanced, non-conductive dual triggers on the handle eliminate shock potential.
- 48" tall handle is fully adjustable to be comfortable for all operators.
- Includes a 50-foot power cord. The motor plugs into cable at the base of the handle for easy maintenance.
- The non-marring bumper protects walls and baseboards.
- Non-marring 4" wheels make transport easy.
- 1-year warranty on motor, transmission and chassis.
- Includes (1) 17" Pad Driver, (2) 16" Brushes and (1) 16" White Cleaning Pad.

*Preferred for Light Commercial,
Hospitality, Health Service and
Food Service Scrubbing and Buffing*



Specifications

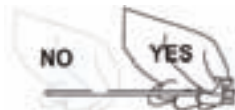
Machine Size	17"
Motor Type	1.5 HP A/C - 2 capacitors, 10.9 amps
Brush Size	16"
Pad Driver Size	17"
Brush Drive	"92" style / "B" style drive plug and clutch plate
Shipping Weight	107 lbs.
Brush Speed	175 RPM
Power Cord	50 foot
Warranty	1 years motor and gearbox

1.0 Safe Operating Conditions

READ THIS MANUAL BEFORE USING FLOOR MACHINE. KNOW THE PROPER OPERATION, CORRECT APPLICATIONS AND THE LIMITATIONS OF THIS EQUIPMENT BEFORE USE.

Reduce the Risk of Fire, Electric Shock or Injury:

- This floor machine is designed for indoor use only. Do not use outdoors. Do not expose to rain.
- Do not wash the motor with flowing water. If the motor gets wet, seek authorized service.
- Keep the vents on this air-cooled motor free from debris. Do not operate with the motor covered or with vents blocked. Do not use this machine as a floor sander.
- Never operate this floor machine near flammable dusts, liquids or vapors. Never use flammable solvents as a cleaning agent. Engine sparks and operating heat can cause fire.
- Never handle electrical equipment with wet hands. Never operate this floor machine with bare feet.
- Unplug the floor machine when not in use and when servicing the equipment. To unplug, grasp the plug not the cord.
- Do not operate a floor machine with damaged handle controls, cord or plug. If the equipment is not performing properly, seek repair from a qualified service supplier.
- This floor machine is constructed with electrical grounding at the plug. Operate only when connected to a properly grounded outlet. See section 1.2 for grounding details.
- Prevent electrical cord abuse. Do not close a door upon the cord, drive equipment over it, or run the floor machine over it. Do not expose the cord to hot surfaces. Do not lift, pull or carry this floor machine by the cord.
- Never operate the floor machine over sharp objects that can be thrown out and harm the operator and damage the floor. Sweep hard floors before scrubbing or buffing. Vacuum clean carpets before shampooing or bonnet cleaning.
- Train your staff in proper use of this floor machine.



1.1 Electrical Power

This floor machine operates on a 15 amp nominal 115V, 60 Hz, A.C. power circuit. The amp, hertz and voltage ratings are listed on the motor spec label found on each floor machine. Using voltages above or below those indicated on the spec label will damage the motor. Always check your local voltage requirements.

1.2 Grounding Instruction

This floor machine must be grounded while in use to protect the operator from electrical shock. This machine is built with a 3-wire cord and a 3-prong grounding-type plug (Figure 1) to fit a properly grounded receptacle.

Before using this floor machine, make sure a properly grounded, 3-hole electrical outlet is available. If not available, as in some older facilities, use an adapter for connecting a 3-prong plug to a 2-prong receptacle (Figure 2) to ground the outlet chassis.

IMPORTANT!! This adaptor may not be used in Canada.

IMPORTANT!! Never cut off the grounding prong for use in a 2-prong outlet. By doing so, you have cut off your protection from electrical shock.

Never assume that all 3-hole outlets are properly grounded. Check before use.

Never assume that an adaptor connection (as in Figure 2) is properly grounded. Check the outlet with a ground fault interrupter device which quickly indicated if a ground is connected. Correct a faulty grounding before proceeding.

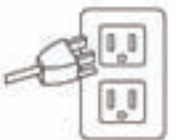


Figure 1

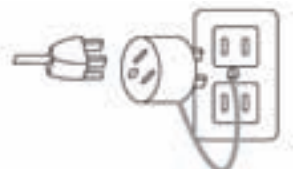


Figure 2

1.3 Extension Cords are Not Recommended

The floor machine is built with a 50 foot (15 M) safety cord which plugs directly into an approved outlet. Use of any extension cords is NEVER RECOMMENDED.

3.0 Operating Tips

- For indoor use only. Sweep abrasive soils before scrubbing.
- While the brush or pad driver is spinning, keep the floor machine moving to avoid “donut” burns on the floor.

To Start Operation:

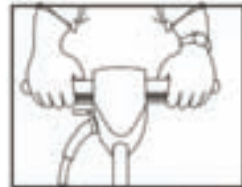
- Unlock the handle by raising the locking lever.
- Lower the handle to a comfortable position, typically waist height.
- Relock the handle by pushing the lever down. **NEVER OPERATE THE MACHINE WITH THE HANDLE UNLOCKED.**
- This floor machine is a high torque motor. Hold the machine firmly with both hands when starting up.
- Push the red safety interlock switch forward to unlock the dual triggers.
- Squeeze the dual triggers to release power to the motor. Once power is on, either trigger will keep power to the motor.
- To stop the floor machine release both triggers.
- The spinning brush helps move the floor machine. (Lift the handle slightly to work to the right. Push the handle down slightly to work to the left.)



SET HANDLE HEIGHT



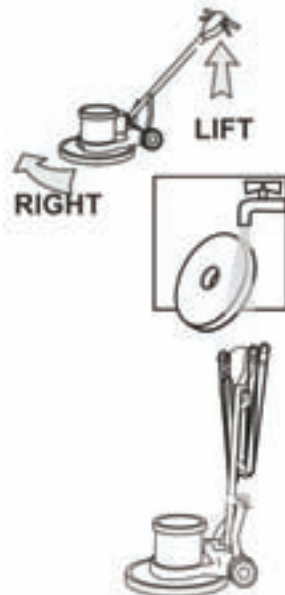
PUSH LOCK FORWARD



SQUEEZE BOTH TRIGGERS

3.1 To Store your Machine

- Lock the handle in the “up” position. Tilt the machine back and remove the pad driver or brush.
- Wind the cord around the handles and the bottom cord hook.
- Wash brushes or pads and hang to dry. Never store machine standing on the brush.
- Inspect and maintain equipment on a regular schedule for best results.
- Check and clean pads after each operation. Remove soil and chemical buildup. Replace worn or damaged pads.
- Check the triggers and switches for proper operation.
- Repair or replace damaged skirts and dumpers.
- Use air pressure or vacuum to remove dust and debris from the motor vents.
- Report problems and repair promptly.



2.1 Attach the Power Cord

The triple-wire grounded power cord has been factory-installed into the handle tube. A flexible rubber cable connector (11) is used to secure the plug-in connections. The floor machine ships with this connector mounted on the cord coming out of the handle (10). Stretch the connector and slip the male connector (9) (coming out of the motor housing) through the connector hole and then into the female connector.

Now, plug the end of the 50 foot cord into a grounded power outlet. Squeeze the triggers on the handle and check for power to the motor.

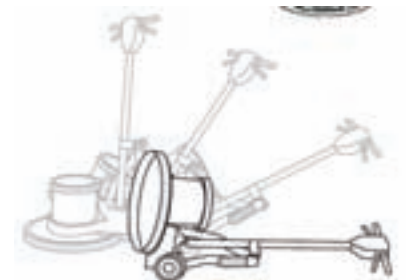


2.2 Install Brush / Pad Driver

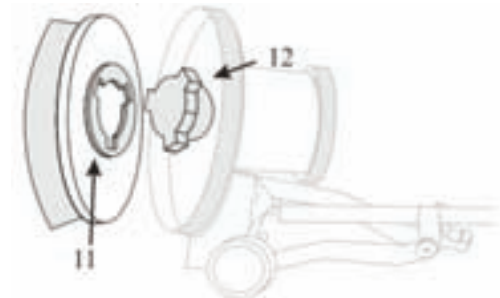
A brush or pad driver mounts onto your floor machine with a “B” style universal clutch plate.

UNPLUG BEFORE INSTALLATION

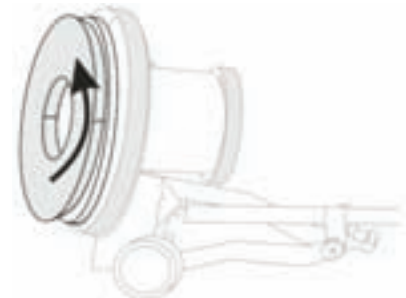
Lock the machine handle in the “up” position and tip the floor machine back fully.



Slide the brush or pad driver clutch plate (11) over the drive plug (12).



Give the brush a quick counter clockwise spin to lock the brush onto the drive plug.



Now, lower the machine back onto the brush.

The installation of the brush and pad driver is now complete and the machine may be operated.

3.2 Transport

To transport this floor machine from the janitor's closet to the work area:

- Lock the handle in the "up" position. Wind the cord around the handles and the bottom cord hook.
- Tip the machine back onto the transport wheels. Push or pull the machine by the handle, not by the cord or any other part of the machine. Travel carefully.



4.0 Troubleshooting

Never operate this floor machine when the equipment is not performing as expected or when any parts is visibly damaged. The cause and solution for some basic problems are described below. When repair is needed, take the equipment to an authorized repair service center.

4.1 The Floor Machine will not Run

- Circuit breakers are tripped in the building. **Check and reset.**
- Equipment is unplugged. **Check plug wall and at machine base. Plug in.**
- Power cord failure. **Test with a working power cord. Lock the handle up and tip the motor back. Unplug the cord at the motor and plug the motor into your working power cord.**
- **IMPORTANT! THIS IS JUST FOR TESTING. When you do this, you have removed the safety handle controls from the circuit and you are sending power directly to the motor. If the motor now spins, the problem is in the cord of the handle assembly. Seek authorized repair services.**
- **If the motor still does not spin, the problem is either in the male connection at the motor base or in the motor. Seek authorized repair service.**
- Motor sparks or smokes. **Seek authorized repair service.**

4.2 Electrical Shock to Operator

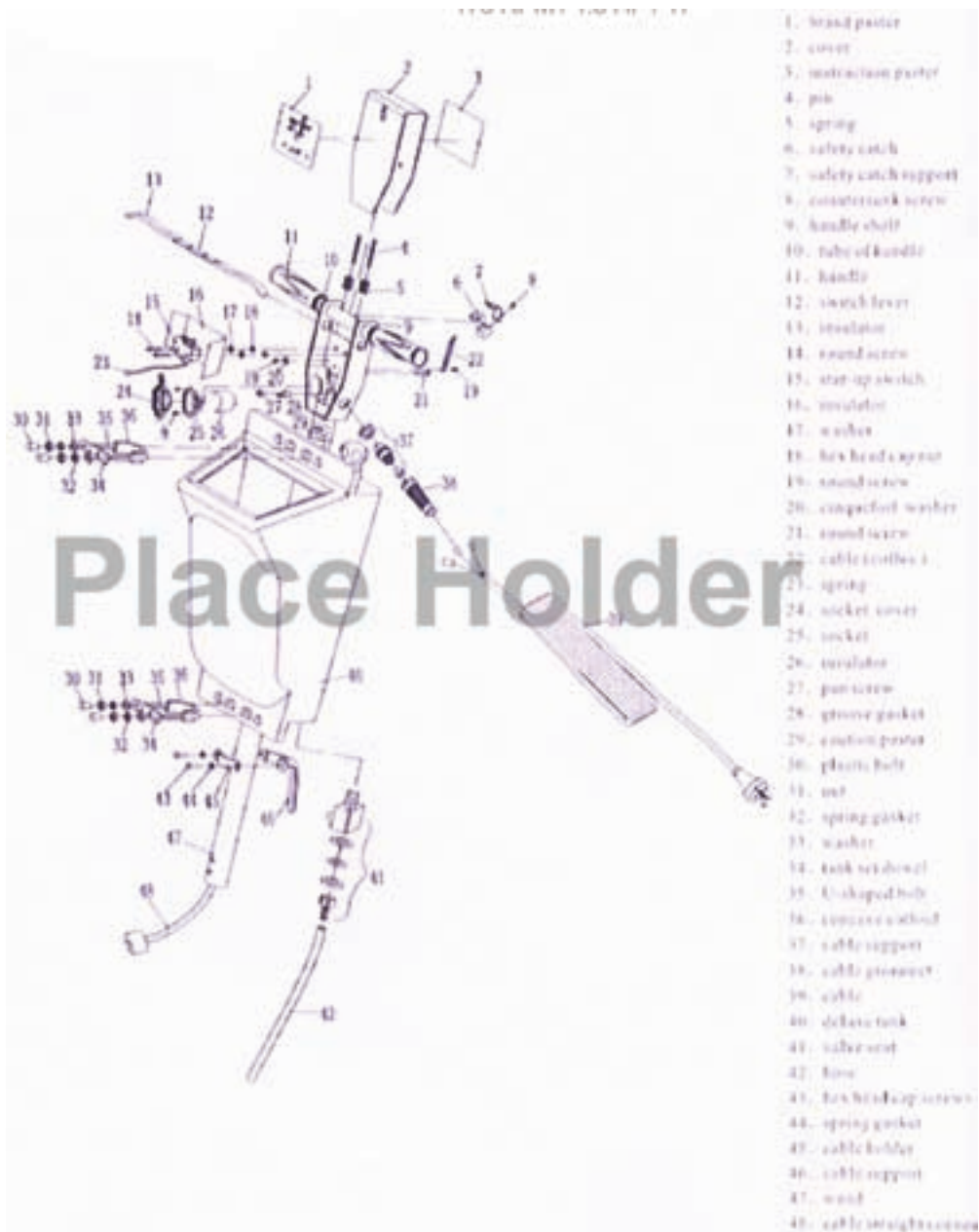
- Equipment wiring failure or electrical short in the machine. **Seek authorized service.**
- Poor grounding or no grounding. **Test the outlet with a ground fault interrupter. Retain certified electrician to inspect and repair grounding. NEVER clip off the ground plug on your cord.**
- Repeated circuit breaking. **High amp draw and circuit breaking can be an electrical or mechanical problem. Seek authorized repair service.**

4.3 High Vibration

- Pads are not centered on the pad driver. **Tip machine back and re-center the pad.**
- Uneven wear or warp of pads, pad drivers or brushes. **Replace.**
- Machine chassis is damaged by dropping. **Replace.**



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