

# **SAFETY, OPERATION MANUAL & PARTS LIST**



## **OF-16L MULTI-PURPOSE FLOOR MACHINE**

This unit is intended for commercial use.

**READ & FOLLOW ALL  
INSTRUCTIONS, WARNINGS & CAUTIONS  
BEFORE USING THIS GRINDING MACHINE**

### **PLEASE READ CAREFULLY BEFORE OPERATING**

This floor machine will afford you many years of trouble free operating satisfaction if it is given proper care. All parts have passed rigid quality control standards before being assembled to produce the finished product. Prior to packaging, units are again inspected for assurance of flawless operation.

This floor machine was protectively packed to prevent damage in shipment. We recommend that upon delivery, remove the unit from its carton and carefully inspect it for any possible damage in transit. A warranty card is affixed to the handle. It is your responsibility to fill it out and send it to our office to register your purchase and start your warranty. Failure to send us this card in one week upon receipt of the machine may void the warranty.

If damage is discovered, immediately notify the transportation company that delivered your floor machine. As a shipper, we are unable to act upon any claim for concealed damage. You must originate any claim within 5 days of delivery.

These instructions are for your protection and information. **PLEASE READ CAREFULLY!** Failure to follow these precautions could result in injury or discomfort.

Treat this floor machine as you would any other high grade precision made product. Throwing, dropping, unreasonable bumping across thresholds and other misuse may result in a damaged unit and invalidate the warranty.

### **SAVE THESE INSTRUCTIONS**

Address: 777 South Street, P.O. Box 2310, Newburgh, New York 12550-0606  
TEL: 877.356.6703 / 845.565.6623 / FAX: 845.565.8894  
Internet Address: [www.onfloor.com](http://www.onfloor.com) / [info@onfloor.com](mailto:info@onfloor.com)

# IMPORTANT SAFETY INSTRUCTIONS



## WARNING:

To reduce the risk of fire, electric shock or injury;  
Read all instructions before using this floor machine.

- 1) DO NOT leave the floor machine plugged in when not in use. Unplug from the outlet when not in use and/or before servicing.
- 2) Electric shock could occur if exposed to rain. Store indoors.
- 3) This is NOT a toy. Close attention is necessary when used around or near children.
- 4) Use only as described in this manual. Use only manufacturer's recommended attachments.
- 5) DO NOT use with damaged cord plug. If the floor machine is not working as it should because it has been dropped, damaged, left outdoors, or dropped into water, contact the manufacturer or authorized service center.
- 6) DO NOT handle the plug or operate with wet hands.
- 7) DO NOT pull or carry by cord, use power cord as a handle, close a door on cord, or pull cord around sharp edges or corners. DO NOT run floor machine over the cord. Keep cord away from heated surfaces.
- 8) DO NOT unplug by pulling on cord. To unplug, grasp plug, not the power cord.
- 9) DO NOT put any object into motor openings.
- 10) Keep hair, loose clothing, fingers and all parts of body away from moving parts.
- 11) DO NOT use an optional vacuum without the manufacturer's filters in place.
- 12) DO NOT operate where anesthetics and oxygen are used.
- 13) DO NOT use an extension cord.
- 14) DO NOT use around flammable or combustible liquids such as gasoline or use in areas where they may be present.
- 15) Replace damaged or worn parts immediately with genuine Grind 'N Go equipment parts to maintain safety and protect your limited warranty.
- 16) Floor sanding can result in an explosive mixture of fine dust and air. Use a floor sanding machine only in a well ventilated area.
- 17) DO NOT leave sawdust in the filter bag when sander is not in use, this is a fire hazard.

This floor machine must be connected to a properly grounded outlet only. (See grounding method below.)

## GROUNDING INSTRUCTIONS & METHODS

### DANGER:

Improper use of the grounding plug can result in a risk of electrical shock.



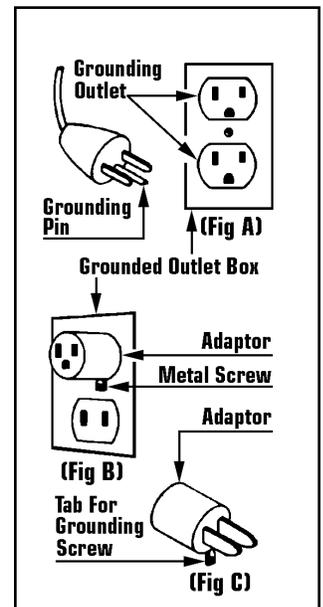
This floor machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical current to reduce the risk of electric shock.

This machine is equipped with an equipment-grounded plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances

If repair or replacement of the cord or plug is necessary, **DO NOT** connect the grounding wire to either flat blade terminal. The insulated wire with an outer surface that is green with or without yellow stripes is the grounding wire.

This floor sander is for use on a nominal 120 volt circuit, and has a grounding plug that looks like the plug illustrated in (Fig A). A temporary adaptor that looks like the adaptor illustrated in (Fig B & C) may be used to connect the plug to a 2-pole receptacle as shown in (Fig A) if a properly grounded outlet is not available.

The temporary adaptor should be used only until a properly grounded outlet (Fig A) can be installed by a qualified electrician. The green color rigid ear, lug, or like extending from the adaptor must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adaptor is used, it must be held in place by the metal screw (Fig C).



### WARNING:

Improper connection of the equipment-grounding conductor can result in a risk of electrical 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 it will not fit the outlet, have a proper outlet installed by a qualified electrician.

NOTE: In Canada, use of a temporary adaptor is not permitted by the Canadian Electrical Code.

# **ATTACHMENTS INSTALLATION & CHANGING**



## **CAUTION:**

When installing or changing the accessories, turn OFF the machine and disconnect the power cord from the electrical outlet.

### **Before Installation Or Changing Attachments:**

- 1) Unplug the machine from the wall outlet.
- 2) Ensure handle is in the storage position (straight up) and locked in place with the quick release pin.
- 3) Tilt machine back by bracing it with your foot until the handle is laying on the floor and the three heads are fully exposed.

**Note:** It is recommended that a towel or pad is placed under the machine to protect the floor.

### **Changing and Installation of Attachments**

When installing or removing attachments, always wear protective gloves.

- 1) Position the first attachment head at 12 o'clock.
- 2) Using both hands, reach beneath the bottom side of the attachment and pull up towards yourself to free it from the machine.

3) Select the attachment required for the job, and line up the holes on the attachment with the four metal pins protruding from each of the three heads.

4) Push attachments on by hand and if necessary, carefully tap it into place with a rubber mallet.

5) Repeat steps 1 thru 4 with the remaining 2 attachments.

6) Carefully raise the handle, supporting the axle with your foot to control the head of the machine as it is placed on the floor.

7) Since the attachments are different heights, you may need to adjust the dust skirt to make sure it is level with the attachments. This will ensure clean and virtually dust-free operation.

9) To adjust skirt, align the skirt with the center of the machine and wrap it around.

10) Move the handle back to the operating position and lock in place with the quick release pin.

# **OPERATING INSTRUCTIONS**

- 1) Clear the floor of any materials or objects.
- 2) Select and install the accessory set required for the job. (See above for installation instructions.)
- 3) Move handle from the upright "storage" position to the angled "operating" position and lock in place with the quick release pin.
- 4) Place your hands on the handle grips tilt sander back on the transport wheels.
- 5) Engage the safety trigger and trigger lock beneath the right handle grip.

6) When the machine is running, carefully lower it onto the working surface and release the trigger lock.

7) To stop the machine release the safety trigger and it will automatically turn OFF.

8) Move the machine side-to-side while maintaining a steady, consistent pace with the machine.

9) When not in use, a set of attachments **MUST** be left on the sander to protect the heads.

**Note:** If the machine unexpectedly shuts down due to a circuit overload, before restarting wait 30 seconds, then press the reset button .



## **CAUTION:**

**DO NOT attempt to operate this unit if the machine is not fully assembled. When servicing or replacing accessories turn OFF the machine and disconnect from the power source. Prior to operating the machine, tilt machine back on transport wheels, turn ON the machine and carefully lower the machine onto the working surface.**