

OPERATING AND MAINTENANCE — ULTRA HI-SPEED

WARNING! For safe operation of this machine, follow the instructions given in this booklet and the training given by your supervisor. Failure to do so can result in personal injury and/or damage to machine and property!

DO NOT OPERATE MACHINE IN AN EXPLOSIVE ENVIRONMENT.

Depress the handle slightly to elevate the pad from the floor. This is to avoid burning the floor on initial start up, before the operator is ready to move forward. Pull out on the "Watch Dog" Safety Lock button and start the machine by depressing either the left or right switch levers.

When ready to move forward, lower the machine head and pad to the floor and proceed forward, in a straight line, at a steady pace. If the machine labors or slows down excessively, relieve the condition by adjusting the caster wheel downward (clockwise).

CIRCUIT BREAKER—A circuit breaker is used to protect the motor on DC models. If the motor draws high amperage the circuit breaker will stop the motor. The circuit breaker reset button is located in the front of the switch housing. Push the reset button to restart the motor. If the motor continues to stop reduce the pad pressure by adjusting the caster wheel and cleaning or changing the floor pad. If this does not correct the problem consult an authorized service person.

MAINTENANCE—Store the machine in a clean dry area. Wipe the entire machine and cord down with a clean cloth. Wrap the machine's electrical cord onto the handles and the cord hook provided. CHECK the cord and plug for nicks, cuts or damage. Report these to your supervisor for correction. Remove the pad and clean thoroughly. Store the machine so that its weight is resting upon both the transport and operating wheel to avoid pad driver distortion.

OPERATING

The models shown in this manual are intended for commercial use.

To prepare the machine for operation, make sure it is of the correct voltage and properly assembled. If in doubt, ask your supervisor.

Your unit operates in a straight line forward motion, rather than the usual side-to-side motion of a conventional single disc machine. Be prepared by having your floor area cleared and ready for the fast action of a burnisher.

Prepare the floor area by sweeping, dusting or mopping as needed. Check the proper application recommendations and procedures found on the label of your finish container. CALL YOUR SUPERVISOR IF IN DOUBT.



WARNING! NEVER USE THIS MACHINE WITH FLAMMABLE OR EXPLOSIVE MATERIAL.

FOR BURNISHING — Select the correct clean floor pad (your supplier can help you). The lighter color floor pads (buff or white) are normally used for the burnishing procedure.



NEVER OPERATE THE MACHINE WITHOUT THE FLOOR PAD INSTALLED!

It is very important to select clean dry pads of uniform thickness. Pads with high or low sections or hard or soft spots, are unacceptable. Pads of open weave are recommended as close weave pads tend to load up fast, bog down the machines, cause circuits to overload and generally give poor results.

Tip the machine back to expose the pad driver. Remove the pad center lock ring. Carefully center the pad onto the pad driver and secure with the locking ring. Check for level, centering and flatness.

Set the machine upright onto the pad. Plug the machine's power cable into a properly grounded outlet (see Safety Instructions). Next, release the handle locking knob and allow the handle to lower into a comfortable position. Secure the handle locking knob so as to allow the operator to easily control the brush pressure.



WARNING! Always disconnect the machine's electrical plug from the electrical outlet before performing any service, maintenance, pad changing or inspection of the machine.

LUBRICATION—No motor lubrication is required. Your machine has a grease fitting on the upper and lower pad driver bearings, lubricate annually. A drop of machine oil on the wheel axle shafts, the handle adjusting bolt and the compensator caster and adjusting knob periodically will suffice.

BELT TENSION—Proper belt tension is important to smooth operation and belt life. Check the belt tension and have no more than a 1/8" deflection. If adjustment is needed, loosen the four (4) motor mounting bolts, tip the machine back onto its transport wheels, slide the motor back and tighten the bolts.

Carbon Brush Inspection

Pacific installs longlife 3000 hour carbon motor brushes in their motors and equips the D.C. rectified burnishers with a carbon brush wear indicator light to signal a carbon brush change is required.

OPERATOR AND SAFETY INSTRUCTIONS

To assure the safe operation of this machine, you must read and understand all warnings and instructions in this book. If you do not understand, ask your supervisor.

WARNING: If you do not follow the instructions given in a warning, you or other persons could be injured, or damage could occur to the machine and/or property.

1. You must be trained to operate this machine. This machine is to be operated for its intended use only.
2. Do not operate this machine unless it is completely assembled.
3. Do not connect this machine to improper voltage. Always use a 3-wire grounded electrical supply. See electrical section below.
4. To prevent electrical shock, always disconnect the electrical plug of the machine from the electrical outlet before performing any repairs, maintenance or cleanup and when leaving the machine unattended.
5. To prevent electrical shock, keep the machine surface dry. Do not immerse or subject to rain. Store the machine in a dry building area. Clean the machine with a clean dry cloth only.
6. Do not use this machine near flammable liquids, solvents, gas, vapors or dust. Do not use flammables to clean this machine.
7. Maintenance or repairs to this machine must be performed by a qualified or authorized person.
8. Avoid damage to the machine's electrical cord. Always lift the machine over the cord. Do not run the machine over the electrical cord.
9. If warning or instruction labels are missing or damaged, order new replacement labels from The Pacific Floor Machine Company.

WARNING! Electrical Grounding Instructions

Grounding Instructions

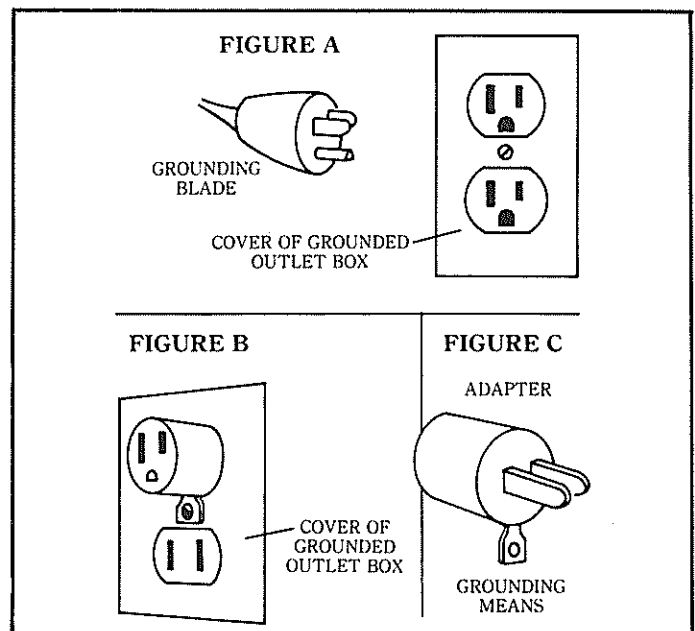
This machine must be grounded while in use to protect the operator from electric shock. The machine is equipped with an approved three-conductor cord and three-prong grounding-type plug to fit the proper grounding type receptacle (shown in figure A). The green (or green and yellow) conductor in the cord is the grounding wire. Never connect the green (or green and yellow) wire to a live terminal. This machine is to be used on an electrical circuit of 115 volts of 60 cycles.

An adaptor, figures B and C, is available for connecting plugs as shown in figure A to two-prong receptacles. The green-colored rigid ear, lug, etc., must be connected to a permanent ground such as a properly grounded outlet box.

Extension Cords

Use only three-wire 12/3 or larger gauge approved extension cords that have three-prong grounding type plugs and three-pole receptacles that accept the appliance's plug. Replace or repair any damaged cords or plugs.

When servicing, refer to authorized persons only. Use only identical replacement parts.



NOTE: Do not use adaptors shown in figures B & C in Canada.