



JANILINK

PRO FLOOR BUFFER MACHINE 17"/20"

OWNER'S MANUAL



IMPORTANT SAFEGUARDS

This machine is designed to be safe when used to perform the functions specified in this Operator's Manual. Should damage occur to electrical or mechanical parts, the machine should be repaired by the manufacturer or competent service station before using in order to avoid further damage to the machine or physical injury to user. Your floor machine is equipped with a safety switch lockout device designed for your safety. Do not attempt to bypass or defeat the safety lockout device. Never use any device to lock the power switch triggers in the ON position.

- Only replace the supply cord with the type specified in the instructions.
- Regularly examine the supply cord for damage, such as cracking or ageing - if damage is found, replace the cord for further use.
- A large diameter brush or dry buffing may not be used for general polishing.
- The appliance is designated for use with brushes as specified by the manufacturer - fitting of other brushes may impair appliance safety.

WARNINGS

READ THIS OPERATOR'S MANUAL!

WARNING: You must have training in the operation of this machine before using it.

WARNING: Machines can burn flammable materials and vapors. Do not use this machine with or near fuels, grain dust, solvents, thinners or other flammable materials.

WARNING: Do not operate this machine unless it is completely assembled.

WARNING: Do not use this machine as a step or to move furniture.

WARNING: When disconnecting power cord from electrical outlet, grasp the plug. Pulling it out by the cord itself can damage cord insulation and internal connection to plug. To prevent electric shock, always remove the electrical plug from the electrical outlet before doing any repairs or maintenance to this machine. **WARNING:** To prevent injury, always remove the electrical plug from the electrical outlet before changing the polishing pad and before leaving the machine.

WARNING: To prevent injury, keep hands, feet and loose clothing away from the rotating pad.

WARNING: Maintenance and repairs must be done by authorized personnel only.

WARNING: Keep all fasteners tight. Keep adjustments according to specifications.

WARNING: Keep the electrical parts of the machine dry. For storage, keep the machine in a building.

WARNING: Always use a three-wire electrical system connected to the electrical ground. For maximum protection against electric shock, use a circuit that is protected by a ground fault circuit interrupter. Consult with your electrical contractor.

WARNING: To prevent damage to the power cord, do not let the pad, pad driver or wheels touch the power cord when the machine is running. Always lift the power cord over the machine. **WARNING:** Make sure all labels, decals, warning, cautions and instructions are fastened to the machine.

APPLICATIONS FOR FLOOR MACHINE (175 RPM ONLY)

The 175 RPM 1.5HP floor machine will operate in a wide variety of applications. The 175 RPM floor machine is the most versatile speed in the floor care industry.

APPLICATIONS OF 175 RPM STANDARD SPEED FLOOR MACHINES ON HARD FLOORS

- Spray buffing with red spray buff pad and spray buff chemical.
- Dry buffing a buffable finish with a tan, beige or white pad or brush.
- Scrubbing with green or blue pad or scrubbing brush.
- Stripping with a black pad and a stripping chemical.

APPLICATIONS OF 175 RPM STANDARD SPEED FLOOR MACHINES ON CARPET

- Bonnet cleaning with a yarn bonnet and carpet maintainer chemical.
- Shampooing using a showerfeed shampoo brush and solution tank mounted to the handle tube containing carpet shampoo.

APPLICATION OF POWR-FLITE HEAVY DUTY 175 RPM FLOOR MACHINES

The heavy duty standard speed floor machine may be used for spray buffing, dry buffing, scrubbing and stripping applications.

These heavy duty floor machines are specially recommended for long term aggressive scrubbing and stripping maintenance. The heavy duty floor machines are specially recommended for the following applications:

- Scraping with an attachment tool to remove heavy industrial deposits and residue or to prepare a foundation for installation of carpet.
- Wire brushing of concrete floors.
- Sanding with very aggressive sandpaper or sand screen discs.
- Carpet restoration where shampooing & pile lifting require very stiff brush bristles.

WARNING

To prevent injury, always remove the electrical plug from the electrical outlet before changing the polishing pad and before leaving the machine.

PREPARE THE MACHINE FOR OPERATION

To attach the drive block or brush or other attachment, be sure the handle is “locked” in the upright position (*See picture #1*). Lay the floor machine on its back with the handle lying on the floor, this exposes the driving plate on the underside of the floor machine. Holding the drive block, brush or attachment in both hands and straddling the motor with your back to the handlebox, bend over and fit the three slots of the clutch plate (built into the back of the brush) over the three lugs of the driving plate. Turn the drive block, brush or attachment counter-clockwise as far as it will go until it is seated in the ready-to-use position. (*See picture #2*) **CAUTION:** This is the only proper way to install a drive block, brush or attachment. **NEVER** put a drive block, brush or attachment on the machine by placing it on the floor and moving the running machine over it, or by placing the machine over the block or attachment and then starting the motor. Return the floor machine to upright position and adjust handle to operating position. Recommended handle position is close to the waist with arms extended down. Lock the cam release lever into position.

NOTE: *The hardened steel cam release lever does not require extreme tightening to effectively hold the handle in position. Over-tightening will shorten the functional life of the lever. To remove drive block, brush or attachment: Lay the floor machine on its back again and disengage clutch plate slots from driving plate lugs by turning clockwise.*

HOW TO OPERATE THE MACHINE

First install the pad driver and pad, brush or other attachments to be used. Plug the machine in as directed and lower the handle to the

desired operating height and lock in place using the cam lever handle. Push the safety switch forward (*see picture #3*) and squeeze the switch triggers beneath the handle grips. This activates the motor and starts the block, brush or attachment in operation. Each time you release the triggers the safety switch will reset. You will need to follow the direction above to restart the machine. **CAUTION:**

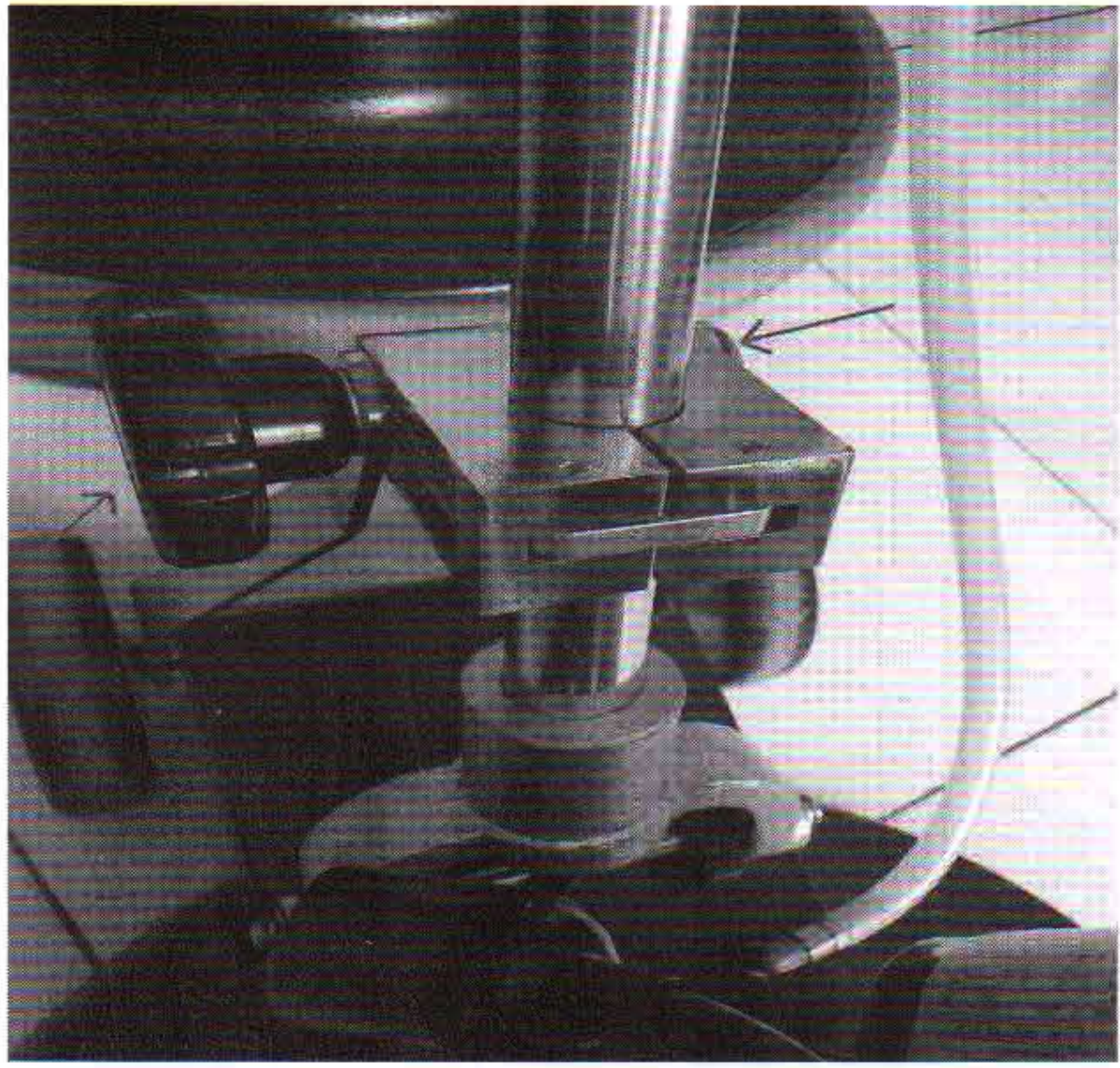
When leaving the machine unattended, disconnect the wall plug and return the handle to the “locked” upright position to prevent accidental starting.

TO GUIDE YOUR FLOOR MACHINE

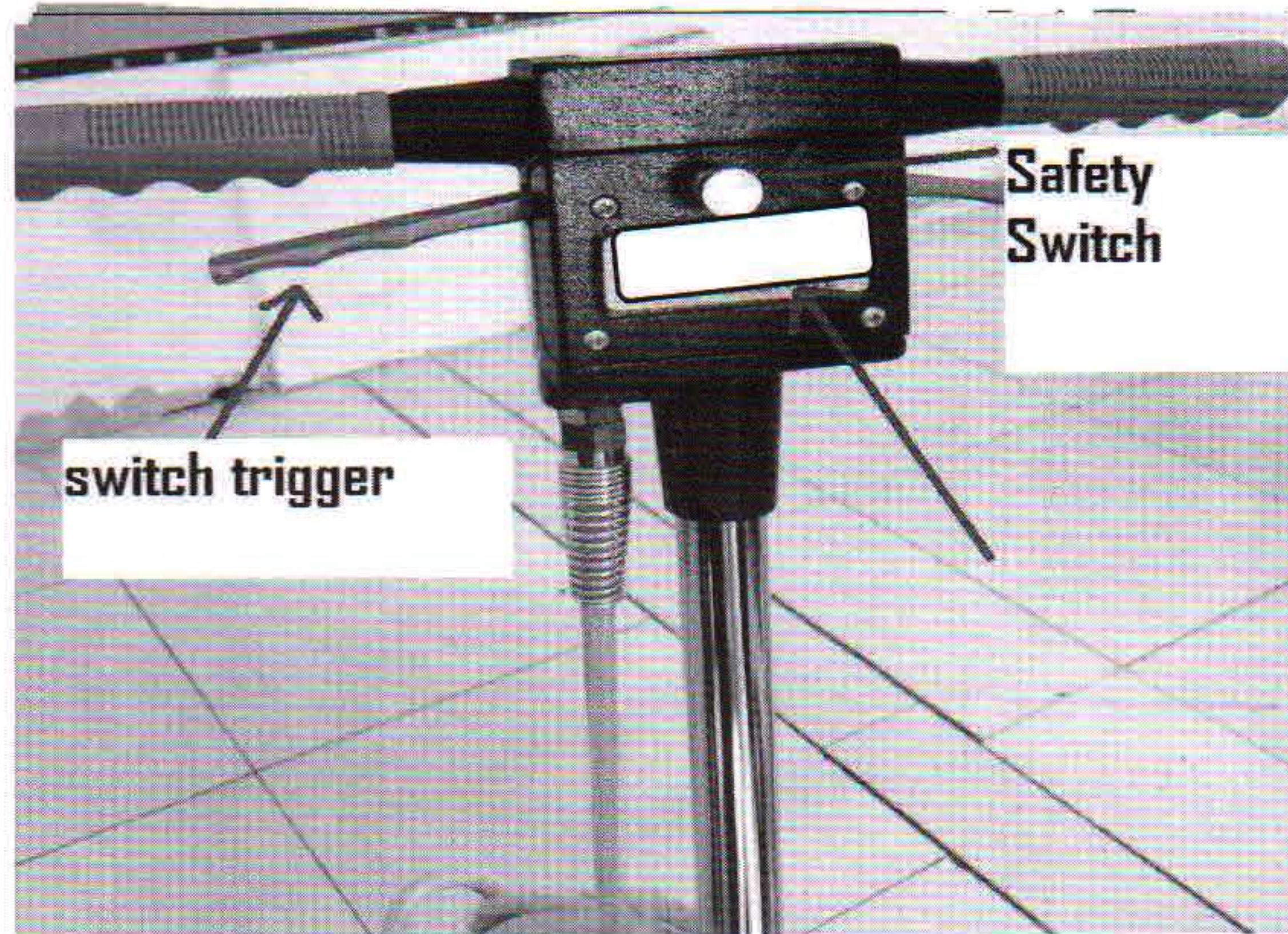
To Right: raise handle slightly. The higher the handle is lifted, the faster the machine will move to the right. To Left: to change direction, lower the handle until the machine travels to the left. The more the handle is lowered, the faster the movement to the left.

Type:

SPEC / MODEL	20INCH,17INCH FLOOR MACHINE
NAME	FLOOR MACHINE
POWER	110V, 60HZ, 1.5HP
ROTATING SPEED	175 RPM
WORKING WIDTH	510MM OR 430MM
WORKING EFFICIENCY	750-960 SQ.M/H
NOISE	76 DECIBLE (Test Method to 25mm, to detect gear box
Vibration value	1.8mm (Test method put the probe in gear box cover



Picture #1



Picture#3



Picture #2

TO INSTALL THE OPTIONAL SOLUTION TANK

Mount the solution tank to the front of the handle and attach with mounting brackets and knobs. Position the solution tank control handle horizontally and below the switch lever of the machine and adjacent to the right handle grip. Remove the plug from the motor housing and insert the (long) extension tube adaptor and secure at bottom of machine with the retainer. The solution tank should be used only with a showerfeed drive block or brush..

OPERATION OF THE DUAL SPEED MACHINES(FOR MODEL 180/320RPM ONLY)

Follow the operation procedures described for 180RPM machines.

The proper speed selection is important to properly operate these machines. Speed selection Low (180RPM) or High (320 RPM) is made with the switch located on the base and motor housing. (*See Picture #4*) Stripping, scrubbing, bonnet cleaning and shampooing should be performed at 175 RPM Low Speed. Spray buffing and dry buffing should be performed at 320 RPM, High Speed. Spray cleaning is a two speed maintenance operation. Apply a spray buff chemical to the floor ahead of the machine. Make the first passes through the spray buff at low speed with an open weave blue cleaner pad or the brown hoghair blend spray cleaner pad. Remove the spray cleaning pad and place a buffing pad on the machine, yellow, beige or natural hoghair blend pads. Switch the speed to High 320 RPM and buff the dulled finish to a high gloss. Unplug the power cord and wrap it under the cord hook and over the right handle grip. Clean the cord off to prevent heavy soiling and cleaning residues from building up on the cord. This is a good time to inspect the cord for cuts, gashes and loose prongs. Tip the machine back and remove the pad and the drive block or brush. The condition of the floor pad or brush has a direct affect on the performance of your floor machine. When the pad becomes dirty, turn it over and use the other side. When finished, wash the pad or brush and allow it to dry com-

pletely before using it again. Stand the wet brush on the bristles until dry, then hang up the brush.

Do not store the machine with the drive block, pad or brush on the machine.

Wipe off the machine housing and wheels to prevent build-up of unnecessary residue.

TRANSPORTING THE MACHINE

Place the handle in the upright position. Lock the handle cam release lever. Tip the machine back and transport on the wheels.

MAINTENANCE FOR THE 175RPM ,1.5HP

Once a month remove the motor cover and vacuum out any dust or debris which has accumulated on the motor. Replace the motor cover by setting it over the holes in the housing and replace all of the screws. Check and maintain the tightness of all the fasteners.

WARNING: Do not over-tighten the switch housing screws.

Keep the machine clean especially at the handle tube and collar so the handle tube will move freely through the collar. Inspect the cord for cuts, gashes, or loose prongs; replace as needed.

Disassembly of this motor voids the warranty.

Improper disassembly and assembly of this motor can permanently damage the field or rotor.

TROUBLESHOOTING

Machine does not run.

The circuit breaker has tripped. Allow the circuit breaker 2 min-utes to cool before resetting. Plug is broken or has loose contact. Replace.

Prevent circuit overload.

Check the pad and change it if it is rough or dirty. Spray buffing or spray cleaning is not a substitute for scrubbing or mopping a floor. Prepare the floor surface before spray buffing. Eliminate any extension cord that is smaller than 12/3 wire or greater than 25 feet in length. Unplug anything other than the machine from the circuit or locate another circuit.

Machine will not start.

Circuit breaker is not reset. Reset breaker.

Plug is broken or has a loose contact.

Replace. Circuit breaker is defective or weak.

Replace. Switch is defective. Replace switch.

Rectifier is defective. Replace rectifier (M202-3 and M172-3 only).

Machine will not reach operating speed.

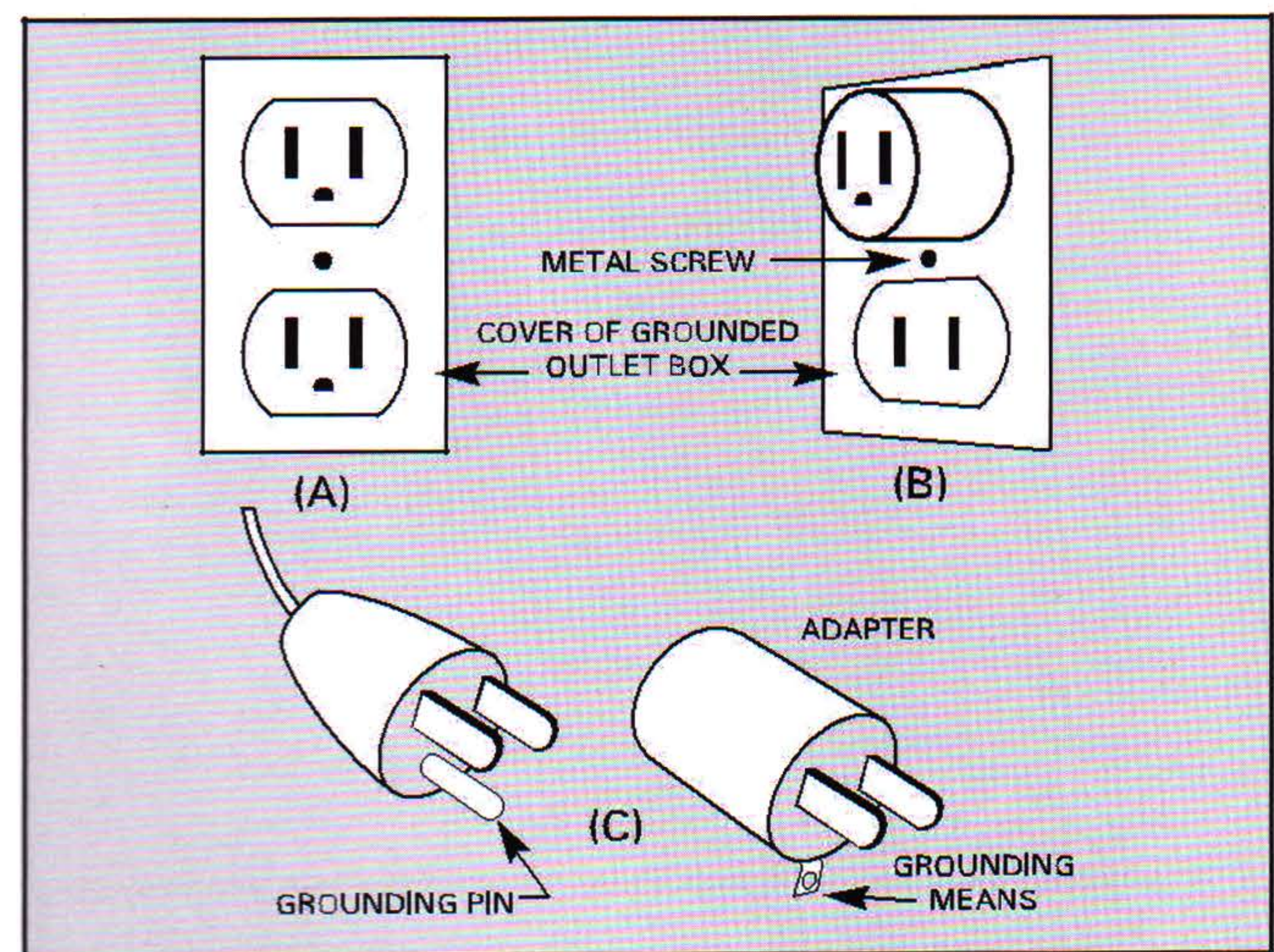
Unplug anything else other than the machine from the circuit or locate another circuit.

Motor runs but pad or brush does not turn.

Coupling is broken. Replace. Coupling is not covered under warranty. Do not attempt to place a running machine over a block or brush. Always place and remove the block or brush by hand.

SAFETY INSTRUCTIONS

This Floor Machine should be grounded while in use to protect the operator from electric shock. This machine is equipped with a 3-conductor cord and a 3-prong grounded type attachment cap plug to fit the proper grounding type receptacle. The green (or green and yellow) conductor in the cord is the grounding wire. Never connect this wire to anything other than the grounding blade. The Floor Machine is provided with an attachment cap plug, as shown in Sketch A, and is intended for use on a nominal 110 volt circuit. If a properly grounded receptacle, as shown in Sketch A, is unavailable, an adaptor, as shown in Sketch C, is available and should be installed, as shown in Sketch B, if the outlet box that houses the receptacle is grounded. Be sure to fasten the grounding tap to the faceplate screw.



ONE LAST REMINDER! READ ALL INSTRUCTIONS, WARNINGS AND CAUTIONS BEFORE USING EQUIPMENT.

These guidelines are presented for your protection and convenience. Please read them carefully, since a failure to heed these precautions could result in discomfort or injury. When using an electrical appliance, basic safety precautions should always be followed.

WARNING
TO AVOID FIRE, DO NOT USE WITH A FLAMMABLE OR COMBUSTIBLE LIQUID TO CLEAN FLOOR.