

## **WARNING - FLOOR POLISHER**

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. **IF** any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

### **SMI Dust and Silica Warning**

Using this equipment generates dust, this dust may contain Grinding/cutting/drilling particles from masonry, concrete, metal and other materials, mists and fumes containing chemicals known to cause serious or fatal injury or illness, such as respiratory disease, cancer, birth defects or other reproductive harm. If you are unfamiliar with the risks associated with the particular process and/or material being cut or the composition of the tool being used, review the material safety data sheets and/or consult your employer, the manufacturers/suppliers, governmental agencies such as OSHA and NIOSH and other sources on hazardous materials. California and some other authorities, for instance, have published lists of substances known to cause cancer, reproductive toxicity, or other harmful effects.

Control dust, mist and fumes at the source where possible. In this regard use good work practices and follow the recommendations of the manufacturers/suppliers, OSHA/NIOSH, and occupational and trade associations.

Water should be used for dust suppression when wet grinding/cutting/drilling is feasible. When the hazards from inhalation of dust, mists and fumes cannot be eliminated, the operator and any bystanders should always wear a respirator approved by NIOSH/MSHA for the material being used.

Grinding/cutting/drilling of masonry, concrete and other materials with silica in their composition may give off dust or mists containing crystalline silica. Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Repeated and/or substantial inhalation of airborne crystalline silica can cause serious or fatal respiratory diseases, including silicosis. In addition, California and some other authorities have listed respirable crystalline silica as a substance known to cause cancer. When grinding/cutting/drilling such materials, always follow the respiratory precautions mentioned above.

**⚠️ WARNING:** Operating, servicing and maintaining this equipment can expose you to chemicals including silica crystalline from concrete and wood dust from flooring which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing dust and wear the proper dust mask. For more information go to [www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

- Do not tape down or otherwise by-pass any safety devices! Always operate this equipment from the designated operator's position.
- Never operate power equipment of any kind if you are tired or if you are under the influence of alcohol, drugs, medication or any substance that could affect your ability or judgment. Be alert! If you get tired while operating this equipment, take a break. Tiredness may result in loss of control.
- This 120-volt equipment may require a grounded outlet, do not modify plug.
- Always wear eye, dust, and hearing protection.
- Don't Abuse Cord - Never carry tool by cord, or yank it to disconnect from receptacle.
- Do not use around flammable liquids or gasses, sparks could cause fire or explosion.

**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 flammables.

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

**WARNING:** Do not use this machine as a step or to move furniture. Never ride on polisher.

**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:** Do not let children operate the polisher. Keep bystanders at a safe distance at all times.

### **APPLICATIONS**

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.

### **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 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 handle box, 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.

**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**

With the drive block and pad, brush or attachment in the ready-to-use position, the handle locked at the desired operating height, and the electric cable plugged in, place hands on the handle grips and squeeze the switch triggers beneath the handle grips. This activates the motor and starts the block, brush or attachment in operation.

**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. It is recommended that you start the machine in an open area, away from furniture and walls, using a slow steady movement of the handle, until you are familiar with the operation of this heavy-duty floor machine.

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. **IF** there is any doubt as to the operation or safety of the equipment,

**DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!**

**FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH**