

## WARNING – COATING REMOVAL DISC

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 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 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)

Read, understand and follow all warning statements, prior to handling, manipulating or operating the concrete tool. If operator is unable to read English, have this sheet explained fully before using the tool.

This is a Concrete Floor Tool designed to polish smooth, troweled, concrete floors. Use extreme care when operating the floor machine.

To avoid serious damage to the floor or personal injury, do the following:

- Always wear personal protective equipment. Handle with care. This tool has sharp edges. Do not drop the tool or alter it in anyway.
- Match the correct size tool to the floor machine, i.e. use a 16” tool with a 17” machine. Reference the machine owner’s manual for further information.
- Always test in an inconspicuous area first, to determine if the results are acceptable.
- DO NOT OPERATE THIS TOOL WITH FLAMMABLE MATERIAL (FUELS, SOLVENTS, THINNERS, ETC) OR SERIOUS BODILY HARM COULD RESULT FROM POSSIBLE FIRE OR EXPLOSION.**
- Concrete Tool must be used with water. Dispense water to cool and flush debris and prolong tool life.
- Do not idle the machine on the floor in a stationary position. Always move the machine while the tool is rotating on the floor.
- Do not overheat the floor machine or serious bodily harm or machine damage could result from possible fire.
- Do not use this product on surfaces other than concrete.
- Do not operate the tool over any protrusions on the floor.
- If using a single disc electric floor machine, motor must be 1.5 Horsepower minimum.

-Do not allow the single disc floor machine to bounce. To avoid bounce and potential uncontrollable situations, do the following:

- 1) Move the machine slowly over the floor.
- 2) Always replace bent or worn blades.
- 3) Avoid un-even floors. If impossible, move slowly over area.
- 4) Do not swing the machine aggressively. Move slowly.
- 5) Adjust the handle of the machine to a lower position.

-Consult the Machine Owner's Manual for further warnings and operating instructions.

-These warnings cannot address all possible device application circumstances. They are intended to inform user about potential risks of harm.

### **Standard Operating Procedures for Single Disc Machine**

- 1) Always wear personal protective equipment such as respiratory protection, hearing protection, safety glasses and steel toe shoes, when operating this tool on a floor machine.
- 2) Clean or sweep the floor to prevent unusual wear patterns or gouging of existing grit into the floor.
- 3) Locate a small, inconspicuous area of floor to test tools, such as a corner or along a wall.
- 4) Prepare machine.
  - a. Move the machine to the test area.
  - b. Manually mount brush to machine. Do not jump start tool.
- 5) Prepare a vacuum system, preferably on a separate circuit.
- 6) Dispense water until the floor is wet.
- 7) Start the machine.
  - a. Immediately move the machine back and forth. Do not idle brush on the floor.
  - b. Move very slowly over a three to four feet area at a time.
  - c. Repeat over floor 4 to 8 times. Eight times is ideal.
- 8) When slurry develops, stop machine and vacuum as necessary.
- 9) When consistent floor appearance is achieved, stop the machine and mount the next grit brush. Repeat, steps number 7 thru 9 with each grit size, in chronological order, over the entire floor as noted.
- 10) Upon completion, clean brushes and store in a cool dry place.
- 11) If desired, apply a sealer, a densifier or the like and burnish as usual.

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**