



Concrete Tool

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, trowled, concrete floors. Use extreme care when operating the floor machine.

-DO NOT USE THIS TOOL UNLESS FULLY TRAINED BY AUTHORIZED PERSONS.

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 via the floor machine 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.

-If using a two disc, autoscrubber, mount the tool on the correct drives. Most autoscrubber drives rotate inward, therefore, from the machine operator position, mount the counter-clockwise tool on the right side. Mount the clockwise tool on the left side. Always consult the Machine's Owner's Manual for correct drive orientation.

-BLADE ORIENTATION IS CRITICAL. When replacing worn blades, mount in the correct driving direction. Review the clutch or motor operating direction (clockwise or counter-clockwise). The NP-9200 clutch plate drives counter-clockwise, when viewed from the top of the tool. Refer to the block rotation label for additional information.

-Most single disc floor machines drive counter-clockwise with an NP-9200 clutch plate. The tool works best when moving from left to right. The best cutting area is near the heel of the machine, while moving to the right.

-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. The tool manufacturer is not responsible for damage to the floor, the floor machine or for any harm or injury resulting from unauthorized use.

-These warnings cannot address all possible device application circumstances. They are intended to inform user about potential risks of harm. These warnings do not create a more restrictive standard of care than applicable law.

Standard Operating Procedures for Single Disc Machine

- 1) Always wear personal protective equipment such as 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) The system consists of six polishing steps, 100 grit metal blade, 100 grit black polymer, 200 grit blue polymer, 400 grit green polymer, 1000 grit red polymer and 2000 grit tan polymer.
 - a. Evaluate the floor surface and the desired results.
 - b. Not all floors require 100 grit wire blades to start.
 - c. Choose the correct grit size to begin. Be conservative.
- 4) Locate a small, inconspicuous area of floor to test tools, such as a corner or along a wall.
- 5) Prepare machine.
 - a. Move the machine to the test area.
 - b. Organize the brushes. 100 Concrete blade, 100 black polymer, 200 blue polymer, 400 green polymer, 1000 red polymer and 2000 tan polymer.
 - c. Manually mount brush to machine. Do not jump start tool.
 - d. Fill tank with water, etc.
- 6) Prepare the vacuum system, preferably on a separate circuit.
- 7) Dispense water from machine until the floor is wet.
- 8) 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.
- 9) When slurry develops, stop machine and vacuum as necessary.
- 10) 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.
- 11) Upon completion, clean brushes and store in a cool dry place.
- 12) If desired, apply a sealer, a densifier or the like and burnish as usual.

Standard Operating Procedures for Concrete /Polymer Tools Autoscrubber

- 13) Always wear personal protective equipment such as hearing protection, safety glasses and steel toe shoes, when operating this tool on a floor machine.
- 14) Clean the floor to prevent unusual wear patterns or gouging of existing grit into the floor.
- 15) The system consists of six polishing steps, 100 grit metal blade, 100 grit black polymer, 200 grit blue polymer, 400 grit green polymer, 1000 grit red polymer and 2000 grit tan polymer.
 - a. Evaluate the floor surface and the desired results.
 - b. Not all floors require 100 grit wire blades to start.
 - c. Choose the correct grit size to begin. Be conservative.
- 16) Locate a small, inconspicuous area of floor to test tools, such as a corner or along a wall.
- 17) Prepare machine.
 - a. Move the machine to the test area.
 - b. Organize the brushes. 100 Concrete blade, 100 black polymer, 200 blue polymer, 400 green polymer, 1000 red polymer and 2000 tan polymer.
 - c. Manually mount brush to machine. Do not jump start the tool.
 - d. Fill tank with water.
- 18) Dispense water from machine until the floor is wet.
- 19) Start the autoscrubber machine.
 - a. Allow tool to get up to speed.
 - b. Start walking or moving the machine forward at the slow pace.
 - c. Lower the tool to floor as forward movements begins. **DO NOT IDLE TOOL ON THE FLOOR.**
 - d. Lift brush head from floor, prior to stopping forward movement.
- 20) Repeat movement over floor 4 to 8 times. Eight times is ideal.
- 21) Vacuum slurry prior to changing to next grit size.
- 22) When consistent floor appearance is achieved, stop the machine, remove tool.
- 23) Mount the next grit size brush to the machine and repeat steps six thru nine with each grit size, in chronological order, over the entire floor as noted.
- 24) Upon completion, clean all brushes with water and store in a cool, dry place.
- 25) If desired, apply a sealer, a densifier or the like and burnish as usual.