

SAFETY PRECAUTIONS

This machine is intended for commercial use only. It is designed to be operated by trained and qualified operators only. It is to only be operated in the manner indented - to scrub, polish, clean, and restore hard surface flooring, in an indoor environment. Use only recommended pads/brushes, commercially available floor cleaners and waxes with this machine.

All Operators must read, understand and practice the following safety precautions.

⚠ WARNING: Fire or Explosion Hazard

Never operate the machine in or near flammable liquids, vapors or combustible dusts. This machine is not equipped with an explosion proof motor. Under normal operation, the electric motor will spark upon start up and during operation which could cause a flash fire or explosion if the machine is used in an area where flammable vapors/liquids or combustible dusts are present.

⚠ WARNING: Electrical Hazard.

Do not operate the machine with a damaged power cord. Do not modify the plug. Unplug the power cord before servicing the machine. A damaged or broken power cord must be replaced by the manufacturer or its service agent or a similarly qualified technician to avoid a hazard.

⚠ WARNING: Electrical Shock Hazard.

Do not use outdoors. Do not expose to rain. Store indoors in a dry environment.

The following checklists provide critical information to the operator of the equipment and must be considered each time the machine is to be operated:

FOR SAFETY:

Do **NOT** operate the machine:

- Near or on flammable liquids or vapors as an explosion or flash fire may occur
- Unless you have been trained on the use of this equipment and are authorized to do so
- If you have not read and understood the Operator's Manual
- Unless the power cord is properly grounded
- With a damaged power cord or plug
- If the machine is not in proper operating condition
- In outdoor areas
- In standing water
- With the use of an extension cord
- In areas that have not been cordoned off

BEFORE STARTING MACHINE:

- Make sure all safety devices are in place and operate properly
- Remove loose objects from the floor to prevent accidental damage from loose objects being struck by spinning pad and becoming dangerous projectiles.
- Place wet floor signs as needed and ensure that there is no pedestrian traffic near the machine when it is being used

WHEN USING THIS MACHINE:

- Stay clear of spinning pad
- Do not pull machine by plug or power cord
- Do not run machine over cord
- Do not pull cord around sharp edges or corners
- Do not close doors on cord
- Do not unplug by pulling on cord
- Do not stretch cord
- Do not handle plug with wet hands
- Keep cord away from heated surfaces
- Follow mixing and handling instructions of chemical containers
- Never activate the power when the handle is in the upright position.
- Do not release handle grips until pad comes to a complete stop
- Go slow on inclines and slippery surfaces
- Wear non-slip, steel toe safety boots
- Report machine damage or faulty operation immediately
- Never allow children to play on or around the machine
- Never use "aftermarket" parts or cables
- Never leave the machine unattended and plugged in

BEFORE LEAVING OR SERVICING MACHINE:

- Turn off machine
- Unplug cord from wall outlet

SERVICING THIS MACHINE:

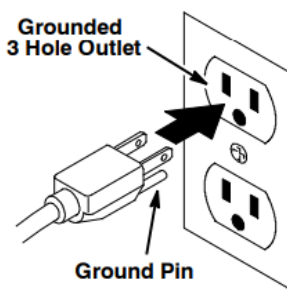
- The machine should only be serviced by trained and qualified technicians
- Only use manufacturer supplied replacement parts
- All repairs must be performed by a qualified service person
- Do not modify the machine from its original design
- Contact Centaur Floor Machines to locate service centers

WHEN TRANSPORTING THIS MACHINE:

- Get assistance when lifting machine.
- Unplug cord from wall outlet
- Wind cord safely to avoid tripping hazard
- Use tie-down straps to secure machine to truck or trailer
- Ensure machine is kept +5c Temperature or higher at all times

GROUNDING INSTRUCTIONS:

This machine must be grounded when being used in order to reduce the risk of electrical shock. The plug must be plugged into an appropriate outlet that is properly installed in accordance with all local codes and regulations. Do not remove ground pin. If missing, replace plug before use.



This machine is for use on a nominal 120-Volt circuit and has a grounding attachment plug that looks like the plug illustrated. Make sure that the machine is connected to an outlet having the same configuration as the plug. No adaptor should be used with this machine.

MACHINE OPERATIONAL INFORMATION

FOR SAFETY: Do not operate machine, unless operator manual is read and understood.

Read and thoroughly understand the warning and caution applied to the operation of this machine.

Refer to Page #4 to for the assembly, and how to use this machine.

OPERATING THE OPTIONAL WATER TANK

1. Make sure drain plug is secure. Turn knob clockwise to tighten.
2. Fill the water tank with water only. Any chemicals may result in damaging the internal valve system.
3. Ensure the outside shut-off valve is pointed in the "UP" position to allow water to flow.
4. Pull the water tank handle upwards toward the handle to actuate flow of water.
5. To drain, release the tri-nut and lower handle, place bucket below drain plug. Turn the drain plug knob counter clockwise to loosen and remove from tank.
6. After draining water, insert drain plug and tighten.

⚠ WARNING: Do not store machine equipped with water tank outside or in temperatures below +5C, freezing of water can damage components of valve and tank.

CLEANING CARPETS

Shampoo carpet brush or bonnet driver with bonnets are required. Do not use a brush that is intended for hard floors; personal injury and carpet damage may result. Consult Centaur Floor Machines (info@centaurmachines.com) or a local distributor for recommendations.

Before operating the machine on carpet, the carpet must be pre-sprayed with an approved cleaning solution. The solution will act as a lubricant to allow the shampoo brush or bonnets to spin with little resistance.

When using the dual speed model to clean carpets, do not operate machine at high-speed; personal injury or carpet damage may result.

For best cleaning results allow the pre-sprayed cleaning solution to "dwell" on the carpet for approximately 10-12 minutes before scrubbing. Using only shampoo carpet brush or bonnets with a bonnet driver, operate the machine at a gradual, steady pace.

After scrubbing, while carpet is still wet, use an extractor or wet/dry vacuum to pick up suspended soil and foam. Then vacuum carpets when it is completely dry.

TRANSPORTING THIS MACHINE

1. Unplug the power cord and remove the pad from the machine. Neatly coil the cord around the cord hook and handle to prevent cord damage. Secure cord with supplied Velcro wrap strap
2. Load the machine using a recommended loading ramp or carefully lift the machine with adequate assistance.
3. Secure machine with tie-down straps when transporting by vehicle.

GENERAL OPERATION

- 1) Always make sure your drivers are properly secured to the gearbox under the machine.
- 2) Make sure when using the center-lock with a cleaning pad, that the center-lock is recessed below the pads surface. This must be checked during operation. Failing to do so, may result in damage to the center-lock and or floor surface.
- 3) When a pad becomes soiled, remove pad and turn over to expose the clean side. Remove and wash pad after both sides become soiled.
- 4) Do not operate the machine in the same spot for a long period of time. Floor damage may result.
- 5) To maneuver over thresholds and floor grates, stop the machine and tilt it back on the transport wheels.
- 6) When the machine is not in use, do not leave machine standing on the brush/pad. Brush/pad damage may result.

⚠ ATTENTION: Should you feel the machine come out of your control, beyond your abilities. You can release your hands from the handle grips and step away from the machine quickly. If maintained, your machine will come to a stop. Doing so, may result in damage to walls / items, and impact body.

MACHINE MAINTENANCE

⚠ WARNING: Electrical hazard. Unplug power cord before servicing machine.

1. Remove and clean the pad driver/brush after each use.
2. Clean the machine base after each use, clean bottom edges of SplashGuard to remove debris or loose diamonds.
3. Inspect power cord for damage after each use. If worn or damaged, replace immediately.
4. Wipe the power cord with damp cloth and neatly coil it around the cord hook and handle after each use. Use supplied Velcro wrap strap to secure cord.
5. Periodically check that all nuts, bolts, screws are tight.
6. When red light appears on top of motor cover, this indicates your motor brushes need to be replaced. Only use an authorized Service Center—contact Centaur Floor Machines for further information. 905-475-5640

TECHNIQUE

This is intended as a guide to assist you in your operation of this machine. This picture illustrates the "Cross Hatch" technique, where you work in a 10FT by 10FT section, starting in the top left corner. With water applied, start operating the machine sideways, slowly, working in a left to right pattern until you reach the end of the 10ft section. From there you will take a "half step" backwards (overlapping) and repeat the left to right process and repeat until you have worked backwards 10ft. At that point you turn your body 90-degrees and begin again in the upper left corner and repeat the same process. Working in a cross-hatch you will grind, hone and polish very evenly and will eliminate any "tiger striping" that may occur otherwise.

