

Hejny Rentals, Inc.

Contractor, Lawn & Garden, and Party Equipment Rentals
1829 White Bear Ave. - Maplewood, MN 55109
Phone: 651-770-3841 – Fax: 651-770-1725
www.hejnyrental.com

U-Sander

WARNINGS

WARNING: Always use this machine with an AC three-conductor electrical system connected to the electrical ground. Replace any worn, cut, or damaged cords. Replace any damaged plugs, receptacles, or connector bodies.

WARNING: Do not cut, remove or break the ground terminal. Do not try to fit a three-terminal plug into a receptacle or connector body that does not fit the plug. If the receptacle or connector body does not fit the plug, have a qualified electrician make the connection.

WARNING: Do not move the machine over an electrical cord. Always lift the cord over the machine.

WARNING: To reduce the risk of fire use only commercially available floor cleaners and waxes in-tended for machine application.

WARNING: To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands.

Extension Cords - Use only 3-wire extension cords that have 3-prong grounding-type plugs and 3-pole cord connectors that accept the plug from the product. Use only extension cords that are intended for extra-hard service. These extension cords are identified by a marking, such as "S, SO, ST, or STO". Use only extension cords having an electrical rating no less than the rating of the product. Do not use damaged extension cords. Examine the extension cord before using, and replace if damaged. Do not damage the extension cord and do not pull on any cord to disconnect. Keep the cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.

INSTRUCTIONS SAFETY:

Warning:

1. Make sure the Sander is OFF before you plug it in.
2. Never change sand paper while the sander is plugged in. This can cause serious injury.
3. Check breaker circuit to be used; 20 amp is the minimum required.
4. Always wear eye protection and dust mask while operating the sander.
5. The sander does not have a bag. Always use an auxiliary vacuum to collect sanding dust and empty often.

TOOLS NEEDED:

1. Hammer
2. Pry bar: to remove trim
3. Paint scraper: to scrape corners and hard to reach places
4. Nail set
5. Shop vacuum
6. Plastic draping: to cover and isolate work areas
7. Masking tape
8. Wood filler
9. Mineral spirits or good heavy-duty cleaner

ROOM SETTINGS & FLOOR CHECK:

1. Remove all existing furniture, carpets, floor mats, and curtains from area to be sanded. Sweep the floor thoroughly.
2. Remove all nails, and metal fasteners that protrude from the surface and might damage sanding paper or prevent effective sanding.
3. Check for all cracks and niches and repair damaged areas. Excessive damage may be repaired with wood filler (allow sufficient drying time).
4. Put dust protection on all doorways and heat vents in the form of drop cloths and plastic sheets. Vacuum the room thoroughly.

CHECKING CONDITIONS OF THE FLOOR:

Check for condition of floor using the following tests and follow appropriate directions:

Wax Floor: Place a damp cloth (approx. 18" x 18") on the floor. Lift after an hour and check for any cloudy coloration. A white cloudy coloration indicates wax. In this case, strip the wax using a wax stripper before sanding is attempted. Excess wax will clog the sandpaper.

Painted Floor: Chemically remove paint before attempting to sand floor.

Need It. Rent It!

Varnished Floor: U-SAND® will remove most kinds of varnish. Excessive layers of varnish, however, may require chemical removal before attempting to sand the floor.

Unfinished Floor: Start the sanding process with the least aggressive grit as possible. Progressing to the finer grit paper ranging from twenty-four (being most aggressive), thirty-six, forty, sixty, eighty, one hundred, one hundred and twenty (being less aggressive), etc.

OPERATING THE U-SAND® MACHINE:

WARNING: Always remove the electrical plug from the electrical outlet before installing the sandpaper.

Selecting the Paper to Start: Select the least aggressive grit as possible that removes the desired amount of surface. Too aggressive grits leave swirl marks that are difficult to remove with the finer grits that will be used later. Grits that are not aggressive enough do not take enough of the surface off and result in more work and a slower process (see details in section titled "starting the sanding process").

Installing Paper: Sanding pads should be installed by leaning the machine back and placing the sandpaper on the backer pads.

Changing Sandpaper: Pads should be changed when worn out or when the floor is ready for the next phase.

CAUTION: To prevent damage to backer pads, you must change sandpaper when it becomes loaded or clogged.

STARTING THE SANDING PROCESS:

WARNING: Before operating the machine, make sure the handle-adjusting lever is tight.

STEP 1: Determine the condition of the floor. We recommend starting with 36-grit, (24 grit for exterior decks or severely damaged floors). Lean the machine back on the handle. Then install the sandpaper to the backer pads. It is recommended to start the sanding process with 36-grit, or 24-grit for poor condition floors. Sandpaper usage will depend on the finish to be removed, and the amount of wood that needs to be removed.

Guide for Sandpaper Needed:

(150 Sq Ft of Floor)

FLOOR IN POOR CONDITION

36 Grit 20 Discs

40 Grit 20 Discs

80 Grit 12 Discs

120 Grit 8 Discs

NEW INSTALLATION/FLOORS IN FAIR CONDITION

40 Grit 20 Discs

80 Grit 12 Discs

120 Grit 8 Discs

STEP 2: With the U-SAND® in the upright position, turn the switch on and slowly move the sander over the floor, letting the machine do the work for you. For new installation it is recommended to move the machine across the grain, this is the most effective way to level the floor. (Change sandpaper when paper appears plugged or dull, this may occur after sanding approximately a 10' x 10' area).

Proper Grit Sequence:

24 if needed

36 for leveling

40 sand thoroughly

80 final sanding for clear finish 120 recommended for staining

STEP 3: After sanding the floor completely with the first grit, vacuum the floor thoroughly and change paper to the next finer grit. Continue the sanding process. Check paper after sanding about a 10' x 10' area to see that it is still sanding. Inspect the floor to see if any swirl marks remain. If swirl marks exist, continue to sand just the area with the higher grit paper until they are less visible. You should get down close to the floor and view it from several directions in good light for this inspection.

STEP 4: Use progressively higher grits. Sand the floor completely. This step will take less time than the previous grits. Periodically check paper to make sure it is clean and effective.

STEP 5: Inspect the floor thoroughly for scratches or unevenness. Apply the final finishing grit (usually 120 or 180 grit or finer). At this point, the floor should become shiny and free of all swirl marks when inspected closely.

STEP 6: Corners and edges can be sanded with a detail sander or hand scraper. A paint scraper can be used for hard to reach places, such as under radiators and in corners. Some hand sanding may be necessary in these remote places. Inspect the floor thoroughly to determine when you are finished sanding.

STEP 7: Vacuum the floor and clean with a tack cloth (available at your local hardware store). Then apply stain or varnish as desired. Follow the manufacturer's recommendations for staining and varnishing.

Need It. Rent It!