

[Manuals.plus](#) /

› [Benchmark](#) /

› Benchmark 71000 Snowbank Snowcone Machine User Manual

Benchmark 71000

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Model: 71000

PRODUCT OVERVIEW

The Benchmark 71000 Snowbank Snowcone Machine is designed for high-volume ice shaving, capable of producing up to 500 pounds of crushed ice per hour. It features a robust 1/3 HP motor and adjustable stainless steel cutting blades, allowing for production of both standard coarse snow cone ice and finely shaved ice. The machine is built with durable materials including tinted tempered glass panels, a die-cast aluminum horn, cutting head, and pusher, and a molded plastic drainage deck.

Key Features:

- Produces up to 500 lbs of cube or chunk ice per hour
- Adjustable cutting blades from fine to coarse
- Heavy-duty 1/3 hp motor
- Dimensions: 16" Width x 24" Height x 16" Depth



Figure 1: Front view of the Benchmark 71000 Snowbank Snowcone Machine, showing the ice shaving mechanism and the clear display cabinet.

SAFETY INSTRUCTIONS

Always read and understand all safety instructions before operating the machine. Failure to do so may result in injury or damage to the equipment.

- Ensure the machine is plugged into a properly grounded 120V power supply. Do not use an un-grounded adapter or extension cord.
- Keep hands and foreign objects clear of the cutting head and blades during operation.
- Always turn off and unplug the machine before cleaning, maintenance, or when not in use.
- Do not operate the machine if any parts are damaged or missing.
- Supervise children and ensure they do not play with the appliance.
- The machine is designed for ice only. Do not attempt to shave other materials.

SETUP

1. **Unpacking:** Carefully remove the snowcone machine from its packaging. Inspect for any shipping damage. Report any damage to the carrier immediately.
2. **Placement:** Place the machine on a stable, level, and sturdy surface capable of supporting its weight (approximately 49 pounds). Ensure adequate ventilation around the machine.
3. **Power Connection:** Plug the machine into a properly grounded 120V, 5.3A power supply. Ensure the power switch is in the OFF position before plugging in.
4. **Drainage Setup:** The machine features a molded plastic drainage deck. Connect a suitable drainage hose (not included) to the drainage outlet located at the bottom front of the machine to direct melted ice water into a container or drain.



Figure 2: Close-up view of the drainage outlet located on the front bottom of the machine, designed to manage melted ice.

5. **Initial Cleaning:** Before first use, wipe down all surfaces that will come into contact with ice using a damp cloth and mild, food-safe detergent. Rinse thoroughly and dry.

OPERATING INSTRUCTIONS

The Benchmark 71000 Snowbank Snowcone Machine is designed for simple operation. Follow these steps for optimal performance:

1. **Prepare Ice:** Use cube or chunk ice. Do not use crushed or finely shaved ice as it can jam the machine. Ensure ice pieces are not excessively large to fit into the horn assembly.
2. **Open Pusher Assembly:** Lift the handle to open the pusher assembly and access the ice horn.
3. **Load Ice:** Fill the horn assembly with ice. Do not overfill. Close the pusher assembly securely.
4. **Activate Machine:** With the pusher assembly closed, push and hold the **POWER** switch to activate the cutting head.



Figure 3: Control panel showing the POWER switch and RE-SET button, essential for operating and resetting the machine.

5. **Apply Pressure:** While holding the POWER switch, apply downward pressure on the pusher. The machine will begin shaving ice.
6. **Adjust Ice Consistency:** The blades are preset for standard coarse snow cone ice. To produce finely shaved ice, adjust the stainless steel cutting blades as needed. Refer to the maintenance section for blade adjustment.
7. **Collect Shaved Ice:** Shaved ice will fall into the cabinet below. Use a scoop to collect the ice for serving.

8. **Power Off:** Release the POWER switch to turn off the motor and cutting head. The POWER switch is spring-loaded and will return to the OFF position when released for safety.

Manual Re-Set Button

In the event the motor should jam, you must depress the RE-SET button before re-starting the motor. When the motor jams, the machine will stop. To restart the motor:

1. Release the **POWER** switch.
2. Push and release the **RE-SET** button.
3. Push and hold the **POWER** switch to restart the motor.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your snowcone machine.

- **Daily Cleaning:**

- Unplug the machine before cleaning.
- Wipe down all surfaces, especially those in contact with ice, using a damp cloth and mild, food-safe detergent.
- Rinse thoroughly to remove any soap residue.
- Ensure the drainage system is clear and free of blockages.
- Dry all components completely before storage or next use to prevent rust and mildew.

- **Blade Adjustment:** The stainless steel cutting blades can be adjusted to produce different ice consistencies.

- *For finer ice:* Carefully adjust the blades to be closer to the ice.
- *For coarser ice:* Adjust the blades to be further from the ice.
- Always ensure the machine is unplugged before attempting blade adjustments. Consult a qualified technician if unsure.

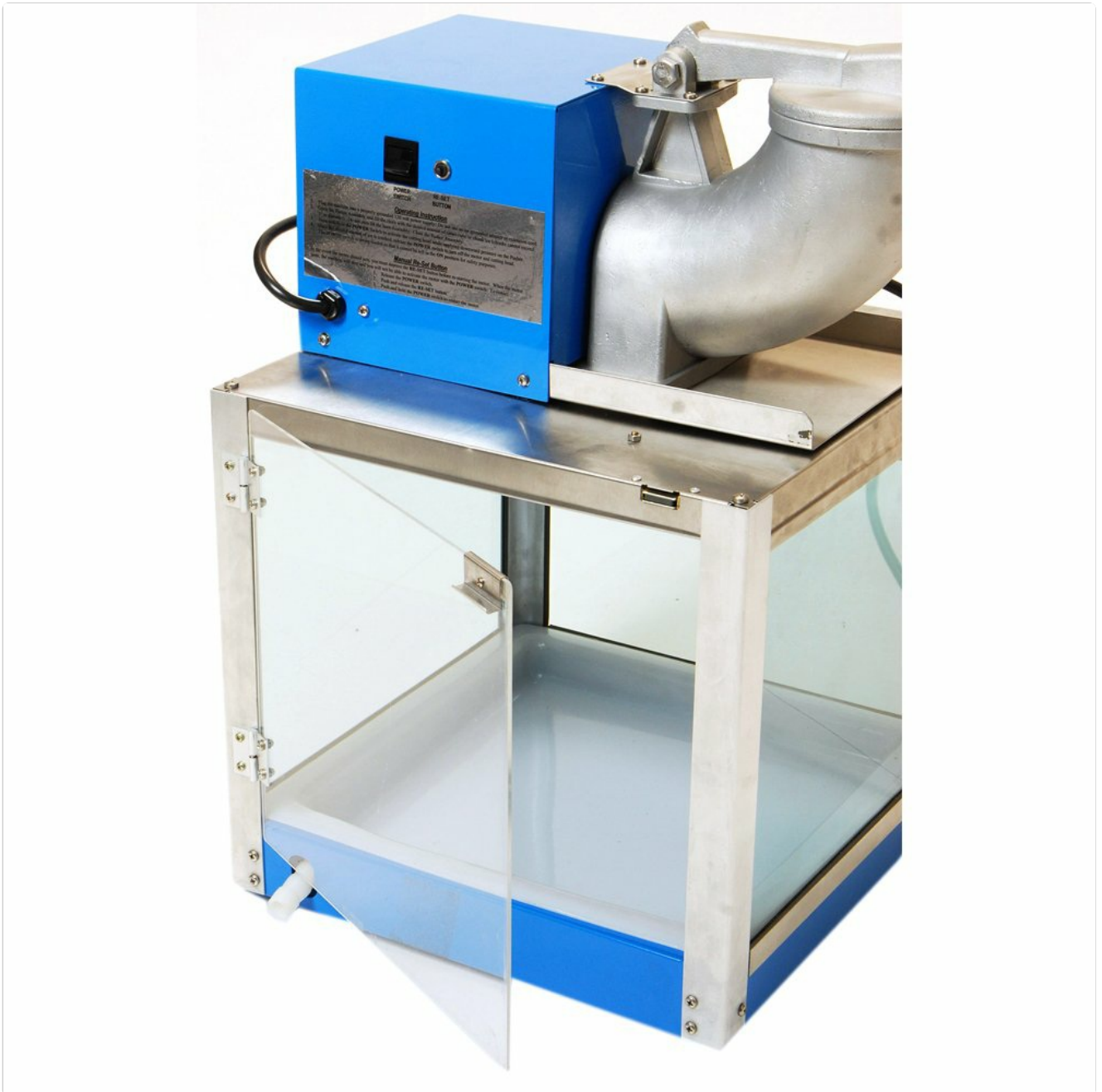


Figure 4: Interior view of the machine, highlighting the cutting head and the area where ice is shaved. Regular cleaning of this area is crucial.

- **Motor Care:** The heavy-duty 1/3 HP motor is designed for durability. Keep the motor housing clean and free of debris. Do not immerse the motor in water.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Problem	Possible Cause	Solution
Machine does not turn on.	No power supply; Power switch not held; RE-SET button tripped.	Check power cord and outlet; Ensure POWER switch is held down; Press RE-SET button.
Motor jams or stops during operation.	Ice jam; Overload; RE-SET button tripped.	Release POWER switch, clear ice jam, press RE-SET button, then restart. Do not overload with ice.

Problem	Possible Cause	Solution
Ice is not shaving properly or is too coarse/fine.	Incorrect blade adjustment; Ice type.	Adjust cutting blades (refer to Maintenance); Use cube or chunk ice, not pre-crushed.
Water leaks from the machine.	Drainage hose not connected or blocked; Damaged drainage deck.	Ensure drainage hose is properly connected and clear; Inspect drainage deck for damage.

SPECIFICATIONS

Model Number	71000
Brand	Benchmark
Power	120V, 635W, 5.3A
Motor	1/3 HP
Production Capacity	Up to 500 lbs of crushed ice per hour
Dimensions (W x H x D)	16" x 24" x 16"
Weight	49 Pounds
Manufacturer	Benchmark USA

WARRANTY AND SUPPORT

The Benchmark 71000 Snowbank Snowcone Machine comes with a **3-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or replacement parts, please contact Benchmark USA customer service. Keep your proof of purchase for warranty validation.

Contact Information:

- Refer to the manufacturer's official website or product packaging for the most current contact details.
- When contacting support, please have your model number (71000) and purchase date ready.

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