

ICE RESURFACER (ZAMBONI) OPERATION

Before Use

1. Fill ice making water (hot) tank.
2. Place towel on the back of the machine in the lowest position.
3. Check fuel tanks to make sure they have fuel and are turned on completely.
4. Before going on the ice: **Make sure the sled is up prior to moving the Zamboni**
5. **On the Zamboni, turn on the tire washer switch.**
6. If you are the final resurface of the night, remove the nets from the ice.

Operation on Ice

Start:

1. Once on the ice close the garage door. **On the Zamboni turn off the tire washer switch.**
2. While moving forward lower the sled completely by pulling back on the lever. You will feel the machine lift.
3. Engage the augers by pulling back on the levers.
4. Increase the throttle. **On the Zamboni use the switch on the dashboard to increase the rpm to 3000.** Speed is regulated by pedal or the forward/reverse lever.
5. Turn hot water valve to half.
6. Turn on hot water pump switch located on the right under the steering wheel (red).
7. Turn on board brush located left of steering wheel (blue)
8. Begin the first lap. The sled should not touch the boards; only the brush needs to touch.
9. Turn off board brush once the lap against the boards is complete and continue resurfacing pattern.

During

1. Use the ridge in the Zamboni hood to align the machine on the leg of the lap where clean ice is on your right (down the center).
2. When the low fuel light/alarm comes on while on the ice, you have at least 1 to 3 laps before running out of fuel. Turn the blue fuel switch to select the other propane tank. Ensure you have flow from the second tank. If the light/alarm remains on, switch back and immediately leave the ice. Once back in the garage, replace the empty propane tank. Do not replace a tank because it feels empty.

Finish

1. Open garage door during the last lap
2. Turn hot water off after completing the last lap as you head to the Zamboni room (around the centerline).
3. Proceed to the garage door.
4. Stop machine with the sled still **FULLY** on the ice.
5. Turn off augers by pushing forward on the levers and reduce throttle to half.
6. **Lift the sled by pushing the lever forward BEFORE crossing the threshold on either rink. Conditioner will not raise if augers are still engaged** (lift sooner on the South rink because of the curve going away from you). **Ensure that the Laser Level Sensor on the Zamboni drops completely prior to leaving the ice.** Damage to the Laser, blade, and threshold will result if this is not done.

After Use

1. Empty the dump tank. If both grates for the snow pit are down, empty outside. Place towel in the highest position before going outside. Do not dump in the driveway.
2. Shovel snow into the warm area do not drag with the sled. Squeegee any remaining water from in front of gate
3. Refill ice-making water (hot) if the machine will be used again within an hour.
4. If dumping outside, rinse the tires off once you return to the garage.
5. Keep all doors closed including storage area door to compressor room, keeps warning alarms from triggering.
6. After the last resurface of the evening, raise the dump tank and place it on the stand (yellow pipe). Place towel in the highest position to dry out. If you are the final resurface of the night remove the nets from the ice.
7. Never set the sled down on anything other than the ice. When not on ice, the sled can be left up or supported by "kneeling" the sled. Damage to the blade will occur if the middle of the sled touches anything.
8. Report any problems or concerns to Bob Normand 715-456-1316, Steve Gibbs 715-828-2272 or Billy Bergh 715-577-6838. A note on the dry erase board is helpful in passing on information.