

Waste Sorting Table

1. Tie the forklift's rope around the bin
2. Use the forklift to load up the content of the bin onto the higher end of the table
3. Sort the waste into 4 different categories: Incinerator Waste, Compost, Metals & Batteries, Glass.
Multiple people can be sorting the waste simultaneously, on each side of the table
4. Once the sections are full, you can empty them into a bag

Ash Pit

1. On the ash pit, remove the metal hatch and leave the one with the chicken wire
2. Take out the ashes from the incinerator
3. Drop the ashes onto the chicken wire
4. With a brush, filter out any waste that should not be stored with the ashes, for example metals, batteries, glass bottles,
5. Collect the filtered-out trash and set it to the side

Incinerator Burning

1. Pull out the ash tray and take out any remaining ashes
2. The ashes should be stored within the Ash Pit (see the guidelines of the ash pit for more information).
Then, put the ash tray back in the incinerator
3. If available, lay some kind of fuel (can be straw, wood) at the bottom of the first combustion chamber.
If you do not have fuel, use plastic instead. Set fire to the fuel using matches
4. Once the temperature of the first combustion chamber has reached 100 degrees, you can insert the waste through the top loading door.
5. Make sure that the waste does not go above this line
6. When closing back the loading door, make sure to cover any leaks with sand for a better combustion
7. When the temperature goes below 400 degrees, you can add up some more waste. Do not exceed 3 bags of waste per hour. You can also adjust the loading rate by observing the smoke coming out of the chimney
8. If no smoke is smoking out of the chimney or if the cap is not rotating, check the cleaning section for more information
9. Allow the incinerator to cool down gradually once combustion is complete

Heat Exchanger

1. Fill the drum with water
2. Let the incinerator do its work and heat up the water, warm water should come within 30 minutes
3. Be careful not to touch the copper pipes while the water is heating up
4. Open one of the tabs to get warm water

Maintenance:

1. Clean the ash tray regularly (see Ash Pit section for more information)
2. Check the bricks and the cement for any cracks
3. Clean the air vents: make sure they are not clogged, use a brush
4. Check the chimney and its cap for clogging, use a brush or a stick to unclog them
5. Check the heat exchanger for leaks: add adhesive at the different points and clean the drum itself