

Specification

WASTEPACK 24-30

1. General

The successful supplier will provide a trash compactor that will be used for general trash and cardboard disposal. The compactor will be attractive and operate with a minimum of noise. Units manufactured by companies other than WASTEPACK Systems, Inc of Minneapolis, MN are not acceptable.

The compactor shall be made of heavy gauge aluminum fully welded and painted with two-part epoxy paint. It shall be mounted on non-marking casters for ease of moving.

The compactor shall be capable of quickly changing from a compactor to cardboard baler without any modification to the unit.

2. Power Head

A. **Motor/Hydraulic Pump:** The compactor shall be powered by a 1½ horsepower (1.125 kW) electric motor coupled to a hydraulic pump capable of 1,000 psi (98.9 bar) of pressure. The electric motor shall be capable of being connected to either 115, 208 or 230 volt, single phase electrical system

B. **Hydraulic Cylinder:** The hydraulic cylinder will be 2.5 inches (63.5 mm) and provide 4,900 pounds (2,225 kg) of force to the cube.

3. Compaction Plate

The compaction plate shall be of ½ inch (12.7 mm) reinforced aluminum connected to the frame by the hydraulic cylinder, and two stabilizer rods. When the plate is in the “up” position, it shall not impinge in the access area of the door.

Units using thinner plates or plates that are not reinforced will not be acceptable.

4. Activation

The unit shall be equipped with a push button contactor to start the compaction cycle. The compactor shall be designed so the unit will not activate with the starter button if the access door is open.

The unit shall also be equipped with a manual override when used as a cardboard baler.

5. Container

Each compactor will have an integral cart that will serve as a container to the waste cube. It shall be made of high density polyethylene and have non-marking wheels. In addition, it shall have an integral, expandable handle to allow the container to be moved without the user having to stoop.

The container shall have a sleeve to contain the trash bag so it retains its shape. This sleeve will be removable to permit ease of disposal or when used as a baler.

6. Ejector Strap

The unit shall be equipped with an ejector strap that mechanically ejects the trash cart or cardboard bale for easy disposal.

7. Trash Bags

Trash bags will be made from mVLDPE (metallocene very low density polyethylene) for puncture resistance and to eliminate tearing. Bags shall be a minimum of 3 mil and be at least 47 inches (119 cm) to provide ample material to tie the bag.