



PRODUCT SPECIFICATIONS 450 GALLON CONTAINER

INTENT: This specification describes a 450 gallon refuse cart to be used with a automated side load refuse collection vehicle.

GENERAL: All carts shall be the manufacturer's current production model. Accessories not specifically mentioned but necessary to furnish complete units ready for use shall also be included.

1. WARRANTY

Container shall carry a 3 year unconditional guarantee, a copy of which must be included with the bid.

2. TYPE

All carts must be capable of being used with an automated refuse collection vehicle.

3. DESIGN

- A. Containers shall be rotationally molded and manufactured with a polyethylene material. The raw material shall contain an ultraviolet stabilizer.
- B. Container must be designed to regularly receive and dump maximum volume weight without permanent damage, deformation, or structural failure.
- C. Container and all components must be capable of withstanding temperature extremes ranging from -30° to 140° degrees F and up to 1200 pounds total compressing force applied from opposite sides by the gripping arm.
- D. Container shall be a minimum of 101 lbs.
- E. Container shall be a minimum of 450 gallons.
- F. Four stop brackets shall be molded into the side of the container.

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4. LID

- A. The lid shall be of such configuration that it shall not warp, bend, slump, or distort. The lid must be designed in such a manner to ensure that the container will be watertight.
- B. The lid will be constructed of the same thickness material as the container. The lid will be 1/3 fixed 2/3 Hinged lid.
- C. The 1/3 Fixed lid shall have four molded in hinge holes. Drilled holes are not acceptable. A molded rib shall be part of the construction for added strength.
- D. The 2/3 Hinged split lid shall have an eight point contact with four HDPE Plastic Pins acting as the hinge. The pins are to be secured with cotter pins.
- E. The 2/3 Hinged Split lid shall access an opening of approximately 700 square inches. A rib should be molded in separating the two sections of the split lid.
- F. The lid must have an overlapping design that shall open to approximately 110 degrees.

5. FINISH

Containers shall have a smooth high gloss finish on the interior surface.

6. IDENTIFICATION

- A. The date and year of manufacture shall be molded in each container.
- B. All containers can be identified with the city's name either molded into the lid with 3/8" raised letters or hot stamped in white on the lid.
- C. The following words or similar words could be molded into the lid of each container in 3/8" minimum raised letters in the following configuration.

KEEP LID CLOSED

NOT ALLOWED IN CONTAINER

NO PERMITIDO DENTRO DELBOTE

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OVERFILLING

HOT ASHES

CONSTRUCTION MATERIALS

PAINTS OR CHEMICALS

AUTO PARTS

DEAD ANIMALS

NOSOBRELLENAR

CENIZAS CALIENTES

MATERIAL DE CONSTRUCCION

PINTURAS O QUIMICOS

PARTES DE AUTOS

ANIMALES MUERTOS

7. COLOR

Color shall be dark green, navy, brown, or black.

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