

CHUTES ENTERPRISES

1011 Westwood Avenue Staten Island, N.Y. 10314 Office# (718)494-2247 Cell# 917-647-1410 Fax# (718)494-2257
Chutesenterprises@gmail.com

MODEL CE-150

GENERAL DESCRIPTION

The CE-150 trash compactor machine was designed for buildings with approximately 150 apartments. Compacted refuse can be packed into single trash bags or into continuous plastic tube/bagging packing up to ten bags without attention. This trash compactor can also be fitted with reusable trash containers, ranging from one to two yards, front or rear load types.

GENERAL SPECIFICATIONS

- Chute fed: Maximum duty recommended of approximately 150 apartments.
- Maximum Capacity: 11 Cubic yards per hour, Cycle time: 27seconds, Compaction ratio: 4:1.
- Dimensions: 71" High x 26" wide x 80" long. Hopper top opening 24" x 56". Chamber opening 18" x 20". Ram face 19" wide x 10 3/4" high. Remote mounted power unit measures 16" deep x 19" wide x 45" high.
- The Compactor is factory structurally/welded and assembled in three sections. The chassis/body, the hopper and the nozzle.
- Compactor machines are fully assembled and tested prior to shipment.
- Compactor is equipped with several safety features for proper operation and protection of the operator and the machine: sprinkler head, access hopper door shut off switch, sliding service door, full bag shut off switch and emergency stop switch.
- Fully automatic operation, activated by photo electric eye, starting the ram from fully retracted position and traveling beyond the upper shear blade. Starts/stops unattended, it also can be switched over to manually operation if required.
- Equipped with motor overload and continuous run time protection timing relay, 12 minute limit.
- Main body's floor equipped with Brinell 400 harden steel wear plate, 1/4" plate steel is used for the hopper impact plate and 1/4" plate steel for the front access door/ body of hopper.

ELECTRICAL SPECIFICATIONS

- Energy efficient motor, 3 HP 1750 RPM 60Hz 208/230/460V 3 phase, 4 wire NEMA Nom. Eff. 82.5 Std.
- Control and logic box circuits are 115Volts with OFF-ON switch and 5 Amp fuse. NEMA type 1 enclosure with NEMA 12 option.
- Wiring is in liquid tight 1/2" type E.F.S.T. flexible metal conduit, plastic coated liquid tight, meets J.I.C. standards.
- Optional single phase motor, available.

HYDRAULIC SPECIFICATIONS

- Hydraulic pump: high efficiency two stage gear pump rated at 5.5 g. p. m. equipped with 74 micron suction strainer.
- Hydraulic cylinder working pressure of 2500 psi, 4" bore, 2" rod, 24" stroke. Ram force of 38,000 lbs. at 3000 psi. for 186 lbs of force per square inch of ram face.
- Hydraulic hoses-1/2" (SAE 100 R-8 W.P.) rated 3000 psi. working pressure and flame resistant.
- Directional control valve manifold: 115 volt, 60 Hz two way NEMA 13 connected to manifold block fitted with an automatic pressure relief valve.
- All components rated 1 to 4 - load safety factor for burst pressure.
- Oil tank, 12.5 gallons. Equipped with Breather cap/ oil fill and check, drain plug.

MECHANICAL SPECIFICATIONS

- Compactor body is 1/4" plate chassis - reinforced with side rails, 1/2" steel front and back wall frame, all components continuously welded.
- Equipped with top floor, 1/4" Brinell 400 harden steel, abrasion resistant wear plate over 1/4" bottom, making the floor 1/2" thick.
- Hopper: 1/4" impact plate, 1/4" front body of hopper 11 Gauge hopper sides.
- Shear: 2" x 4" steel bridge with Brinell 400 harden steel blade.
- Ram: 3/4" plate - full face - reinforced.
- Shut off Safety gate: 1/4" plate.