

CHUTES ENTERPRISES

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MODEL CE-350

GENERAL DESCRIPTION

The CE-350 trash compactor machine was designed for buildings up to approximately 350 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 up to approximately 350 apartments.
- Maximum capacity of 15 cubic yards per hour, .1286 cu. Yrds/cycle, 30 sec./cycle. 58,905 pounds of force.
- Dimensions: 73" High x 27" wide x 90" long.
- The Compactor is factory structurally/welded and assembled in three sections:
 1. The chassis holding the ram and the cylinder.
 2. The hopper, can be mounted in four different directions.
 3. The nozzle can be supplied in different configurations. These options are offered to provide the best possible finish product for the unique project need.
- Compactor machines are fully assembled and tested prior to shipment.
- The unit 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 cell, starting the ram compaction from fully retracted position and traveling beyond the upper shear blade. Starts/stops unattended, it also can be switched over to manually operated if required.
- Equipped with motor overload and continuous run time protection timing relay.
- Main body's floor equipped with "Brinell 400 harden steel wear plate", 1/4" or 3/8" plate steel is used for the hopper impact plate.

ELECTRICAL SPECIFICATIONS

- Motor: energy efficient 5 HP 3450 RPM 60Hz-208/230/460V 3 phase, 4 wire NEMA Nom. Eff. 82.5 Std.
- Control and logic box circuits are fused at 115Volts with OFF-ON switch and 5 Amp fuse..
- 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 11 g. p. m. equipped with 74 micron suction strainer.
- Hydraulic cylinder with working pressure of 3000 psi. 5" diameter bore, 28" stroke.
- 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.
- Hydraulic tank: 13 gallons. Equipped with Breather cap/ oil fill and check, drain plug.

MECHANICAL SPECIFICATIONS

- Compactor body: 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" or 3/8" impact plate, 1/4" front body of hopper 11 Gauge hopper sides.
- Shear: 2" x 4" steel bridge with harden steel blade.
- Ram: 1" plate - full face - reinforced.
- Shut off Safety gate: 1/4" plate.