

EAGLE

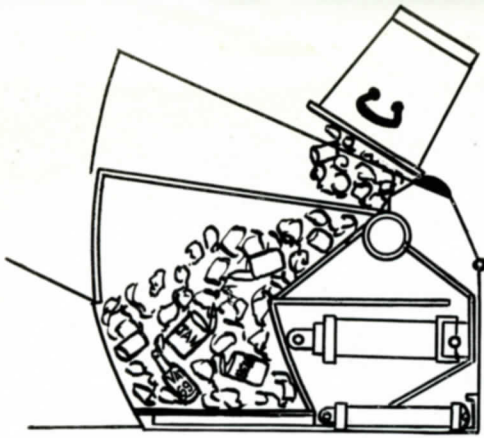
Leaflet No. 201

CRUSHLOAD
MULTI - COMPRESSION
CONTINUOUS - LOADING
PROV. PATENT APPLIED FOR
REFUSE COLLECTOR

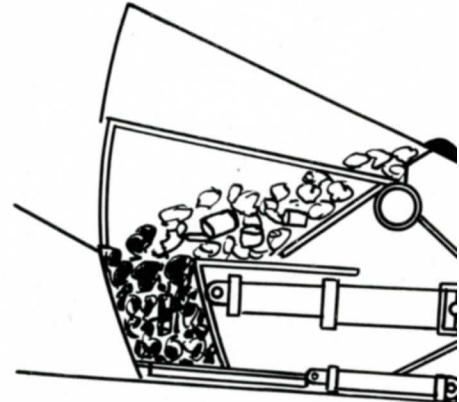


EAGLE ENGINEERING COMPANY LTD.
P.O. BOX No. 43, EAGLE WORKS, WARWICK

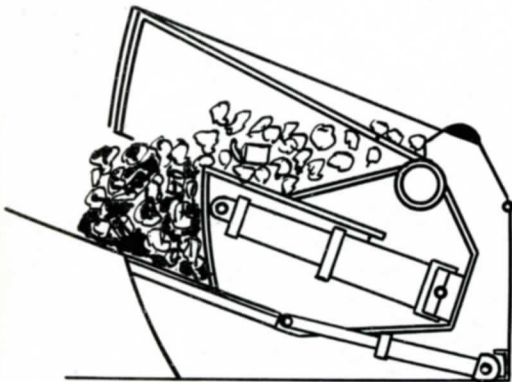
HOW IT WORKS



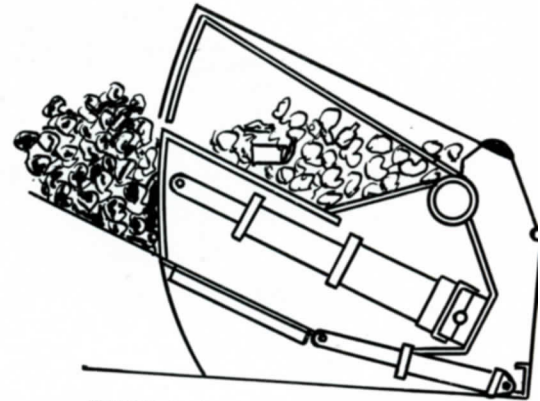
STAGE 1 Hopper being loaded with Uncompressed Refuse.



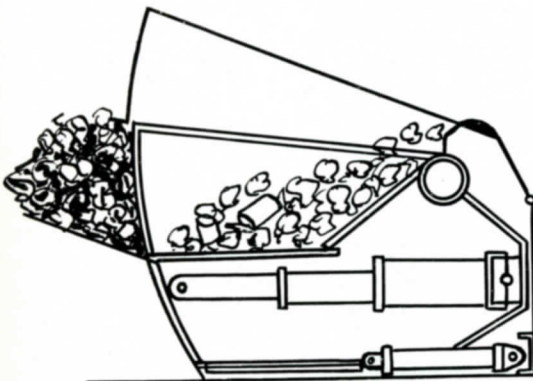
STAGE 2 Barrier Crushes refuse as loading continues.



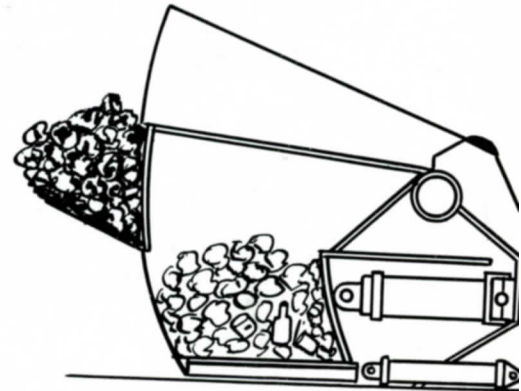
STAGE 3 Barrier Stops Crushing and Rocker Box Tilts to line up with Body Aperture which is simultaneously opened.



STAGE 4 Barrier Travel recommences and crushed refuse is packed tightly into body.



STAGE 5 Rocker Box returns to Horizontal as Body Aperture closes.



STAGE 6 Barrier Retracts and accumulated refuse drops into Crushing Chamber.

LOAD

CRUSH

LIFT

PACK IN BODY

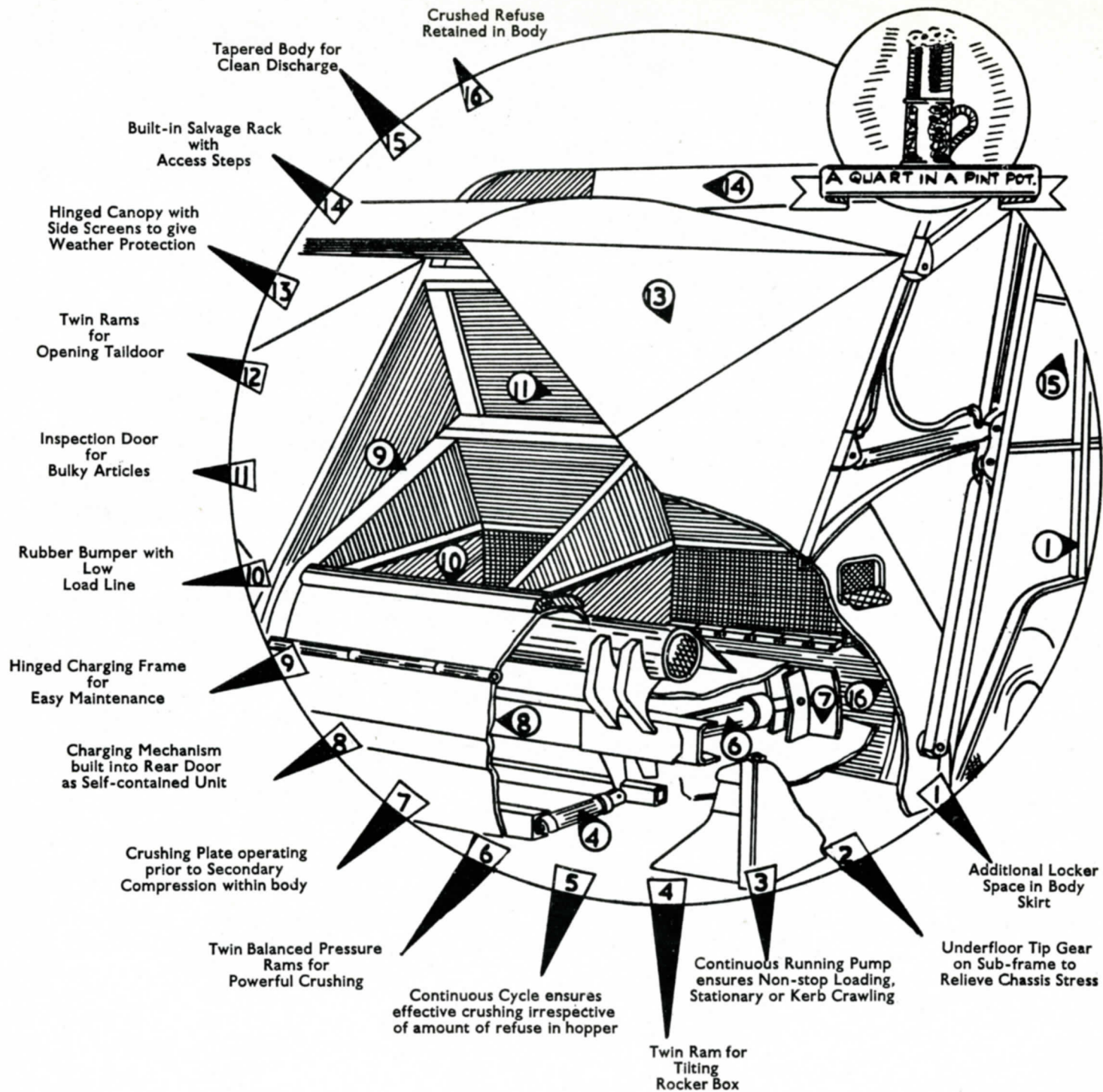
HOLD IN BODY

BACK FOR MORE

AND ALL THE WHILE KEEP LOADING



SPEEDY - HYGIENIC - DOUBLE PACKED

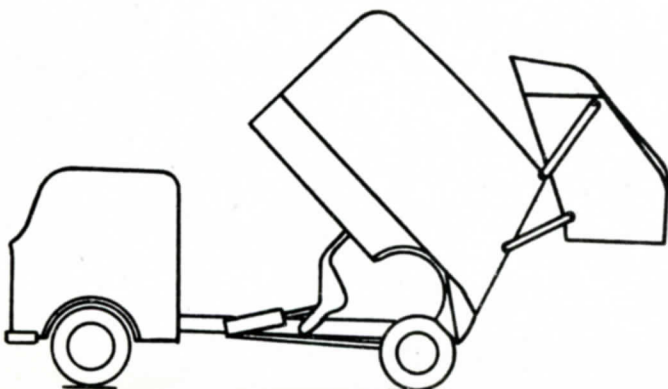


SPECIAL FEATURE FOR EASY MAINTENANCE

Hinged Charging Plate giving access to working parts in Hopper — Rocker Box swings outward for Ram Inspection — Barrier on Adjustable Guides — Hydraulic Sequence Valves Integral with Oil Reservoir.

DISCHARGE

High Angle Telelever Hydraulic Tipping Gear combined with Completely Clear Rear Opening and Tapered Body ensures Speedy and Clean Discharge of Densely Packed Refuse.





SPECIFICATION OF CRUSHLOAD REFUSE COLLECTOR

- GENERAL:** A large capacity rear loading Refuse Collection Body with very low load line and a full width weather protected, loading bay. The patented loading mechanism is continuous and fully automatic and crushes and pre-compresses **before** refuse enters the body. Discharge is by high angle tipping. Ample salvage locker accommodation is provided.
- BODY:** Constructed of corrosive and abrasion resistant "COR-TEN" sheets, strongly braced by steel box members and based on a robust sub-frame. The body is tapered to effect clean discharge of highly compressed refuse. Salvage lockers are incorporated under body floor, **dependent** on position of fuel tank, etc.
- TIPPING GEAR:** A sturdy underfloor tipping gear mounted on steel sub-frame ensures adequate power for quick discharge and chassis strains are reduced to a minimum.
- LOADING HOPPER:** Completely sealing off the rear of the body, this entirely self contained compressing unit is constructed of "COR-TEN" corrosion resisting sheets and heavy duty box members designed to resist compression strains.
- Incorporated under the loading aperture is the continuous automatic crushing and loading mechanism. This is operated by twin hydraulic rams and sequence valves under pressure control which gives complete protection against overloading strains. The compression plate is of "COR-TEN" with adequate strengthening members and having adjustable wearing pads which give positive guidance and control under all loading conditions. A large salvage locker is a standard fitment in the roof of the hopper together with built in access steps.
- A full width door above the loading hopper permits disposal of bulky objects and is useful for load inspection, etc.
- The hinged door which encloses the loading hopper has side curtains and forms a loaders weather protection canopy.
- HYDRAULIC GEAR:** The continuous loading and crushing mechanism is operated hydraulically from a continuously running pump which, subject to chassis manufacturers sanction and engine detail, will be driven from the front of the engine. When selected by the driver the action of the compressing and loading gear is continuous and is in operation whether the vehicle is stationary or kerb-crawling. The hydraulic rams and sequence valves are all of proven reliability to give trouble free service and are assembled in units to permit easy inspection or maintenance.
- A safety valve is incorporated at the rear to stop the mechanism in any emergency.
- ELECTRICAL:** A bulkhead light is fitted in the charging compartment. Rear lights, flashing indicators and stop lights are supplied.
- PAINTING:** To customers requirements or in primer as required.
- MAINTENANCE:** Special attention has been given to permit easy maintenance. The body can be inspected and washed out by lifting the rear hopper hydraulically, **independent** of body tipping. The hydraulic compressing unit can be hinged outwards and all components are then very accessible.
- NOTE:** (For obvious reasons, the standard rear mounted spare wheel carrier cannot be retained but a side type carrier may be provided at extra cost but this will restrict salvage locker accommodation.)

THE EAGLE ENGINEERING CO. LTD., EAGLE WORKS, WARWICK

P.O. Box No. 43

Tel. Warwick 42131

MUNICIPAL & COMMERCIAL VEHICLE BODYBUILDERS, TRAILER MANUFACTURERS

Subsidiary Companies: J. F. Buckingham Ltd., Precision Engineers, Eagle Lane, Warwick Road, Kenilworth
Always Welding Limited, Steel Fabricators, Ashe Lane, Ash, Near Aldershot