GLOVER, WEBB & LIVERSIDGE, LTD.

MARLBOROUGH WORKS,
561 OLD KENT ROAD, LONDON, S.E.1

TELEGRAMS
GLOMOVA, LONDON, S.E.1

TELEHONE
01-237-5501

THE

FAST
CONTINUOUS
COMPRESSION

'RAMILLIES'

WITH

BINMASTER

FAST
CONTAINER
LOADING

FROM

GOOD VOLUME
REDUCTION
ENSURES
LARGE LOADS

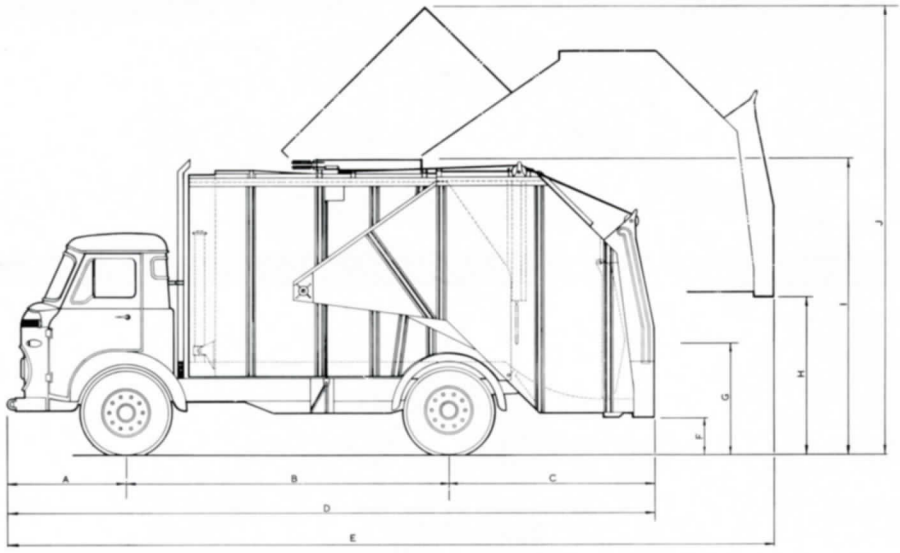
FLATS
SHOPS
FACTORIES
SCHOOLS

BODY-BUILDERS

SINCE 1720

MUNICIPAL VEHICLE SPECIALISTS

GENERAL SPECIFICATION



CAPACITY: 18/45 cubic yards

A	B	C	D	E	F	G	H	I	J	INTERNAL WIDTH	OVERALL WIDTH
4·4'	11·9'	7·6'	23·7'	27·8'	1·8'	4·6'	5·9'	11·3'	16·9'	7·0'	8·0'

General Description

A special purpose compression refuse vehicle designed for the emptying of large containers from blocks of flats and factories. Working on an entirely new system of continuous refuse compression, this machine has a large receptive hopper capable of carrying 2½-3 cu. yds. of refuse loaded into it from roof level so as to ensure that whatever the containers have in them, it can fall freely into the hopper, be compressed and loaded without the normal delay resulting from the compression operation.

Construction of Container Body

The underframe is of all welded channel section steel, floor is of 10G Zinc coated steel with the sides flanged upwards for 6in. at the sides and the whole seam welded. The sides, front and roof are of corrosion resisting aluminium alloy with specially designed pillar and rib sections united together by use of huckbolts.

Rear Canopy and Loading Hopper

This unit is hinged to the body shell and is similarly constructed of aluminium panels and sections. The hopper floor of ¼in. thick special steel is fixed to a welded steel subframe in such a manner that replacement is quite easily undertaken.
The main pressure plate is constructed of mild steel plate and section, all welded throughout to give a robust structure. It is pivoted at the top from a tubular cross-member well secured to the canopy sides. At the top of the hopper sweep plate and immediately above is a fabricated steel panel which has movable prongs, activated by a hydraulic ram which is raised prior to the pressure plate going forward to pack the refuse into the body and drops in the return stroke trapping the refuse in the body.
The bin lift tracks are fabricated from mild section and plate and are bolted to the canopy sides. The bin carriage is of tubular construction and can be made to suit a variety of bins. Bins enter the top of the canopy through an aperture which has rubber strip around it to restrict emission of dust. When emptied the bin is assisted on its return by spring attachments acting on the bin carriage.

Hydraulic Operation

This consists of a heavy duty piston type pump, twin telescopic end tipping rams and two compression rams one each side at the rear connected to the pressure plate. A smaller ram in the prong panel and a ram on the body roof to operate the bin carriage. The mechanism works at a comparatively low oil pressure, big pipe lines and a large oil reservoir. Valves operating the pressure door prong panel and bin lift mechanism are all mounted on one plate and are housed on the nearside of the vehicle positioned in such a manner that they can be easily serviced from the outside by removal of a cover plate.
Controls for the engagement of pump and tipping of body are in the cab adjacent to the driver, whilst controls for operation of the bin lift mechanism is from the nearside rear so placed that the operator can watch the bin at all times.

Mounting

The body is hinged to the chassis at a point immediately adjacent to the rear spring mounting so as to reduce tipping strains to a minimum. The hopper portion hinged to the body shell is hoisted by twin heavy duty cables anchored to the chassis at a point which is strongly reinforced for the purpose.

Simplicity, Strength, Freedom from Corrosion and Wear

Have all been given special consideration in the design of this Refuse Collector and workmanship and materials are of the very best.

Our policy being a progressive one, we reserve the right to make detail alterations without notice.
Capacities stated indicate net volume of body, and nominal vo lume of compressible refuse it will hold.