THE LATEST IN REFUSE COLLECTION!

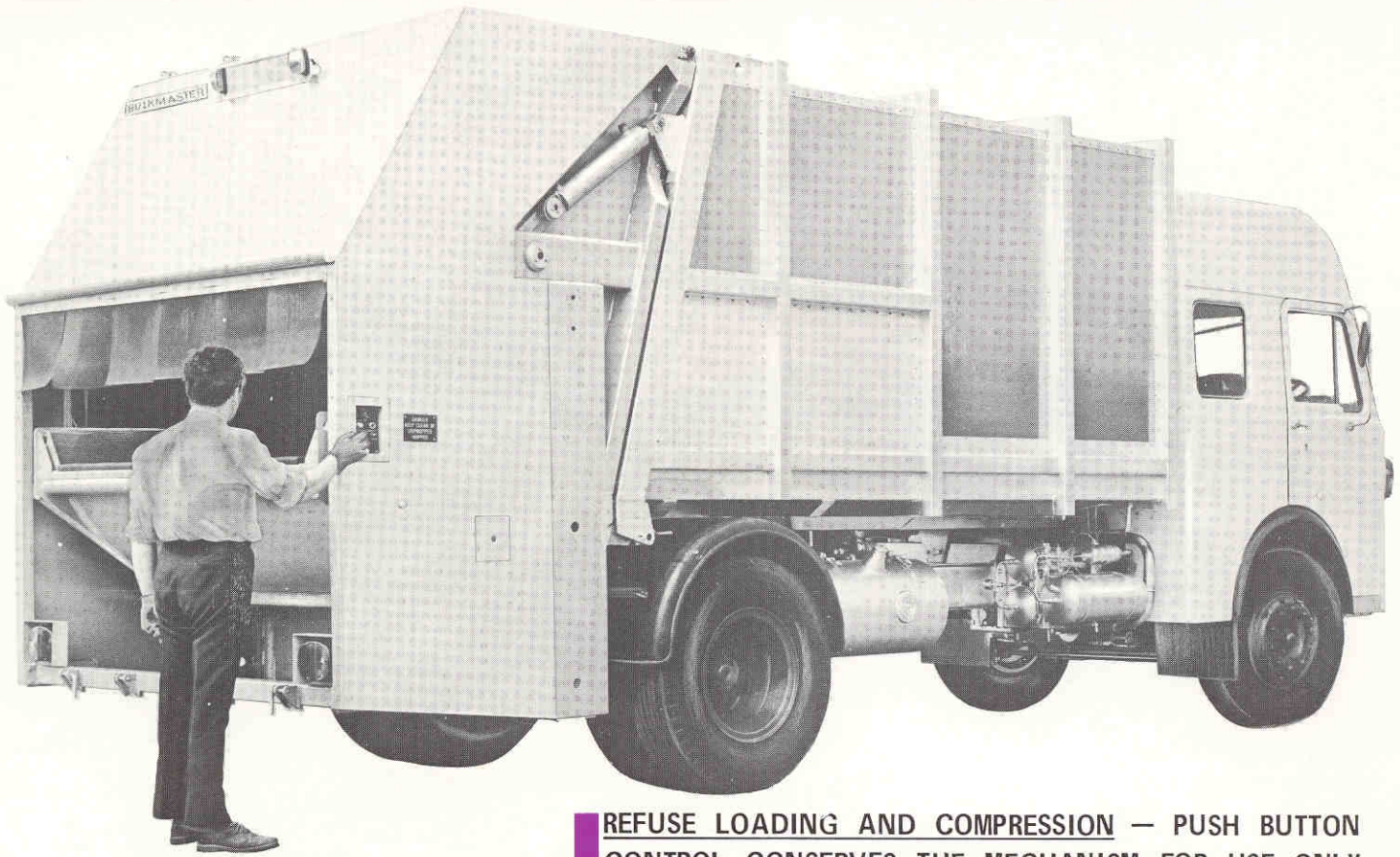
DENNIS

BULKMASTER

DESIGNED TO OPERATE LONGER, WITHOUT MAINTENANCE STOPS

BULKMASTER KEEPS COSTS

Less wear means less maintenance

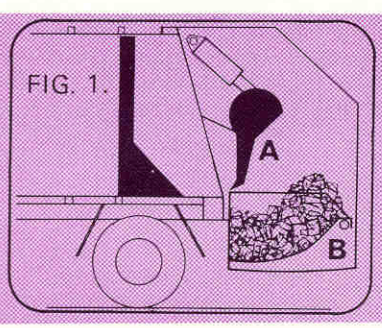


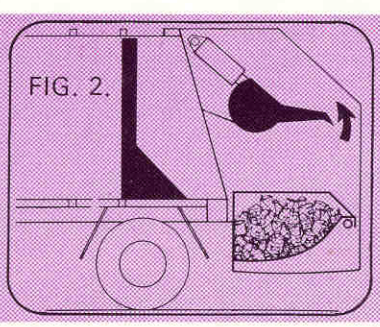
REFUSE LOADING AND COMPRESSION — PUSH BUTTON CONTROL CONSERVES THE MECHANISM FOR USE ONLY DURING THE SELECTED OPERATION, RESULTING IN LESS WEAR.

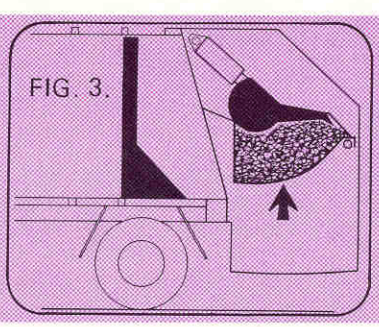
BULKMASTER is a two stage automatic hydraulic compression loader with dual crushing action, which not only handles bulky refuse at speed, but gives uniform density of load throughout the body.

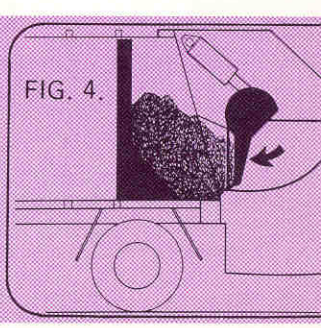
Loading and compression are effected in cycles by automatic control at the rear of the vehicle, each cycle being selected as required. The mechanism comprises a loading hopper of robust proportions (Fig. 1B) which is displaced upwards by means of an elevating arm operated by a hydraulic ram, a packer plate (Fig. 1A) having a pendulous movement rises and falls by action of two hydraulic rams, a control group ensures the automatic action of the complete cycle, which takes

The refuse is loaded into the hopper (Fig. 1) capacity 1.4 m^3. The operation of the compression system is started by means of a push button. The packer plate is raised by swivelling on its axis leaving a clear passage into the interior of the body (Fig. 2). The loading hopper is drawn upwards carrying the refuse under the packer plate partially compressing the refuse (Fig. 3). The packer plate lowers and carries the contents of the hopper towards the interior of the body and crushes it against the ejector plate which is positioned at the rear (Fig. 4). The emptied hopper returns again to its starting position (Fig. 1), the packing plate maintains the refuse in the interior of the body.

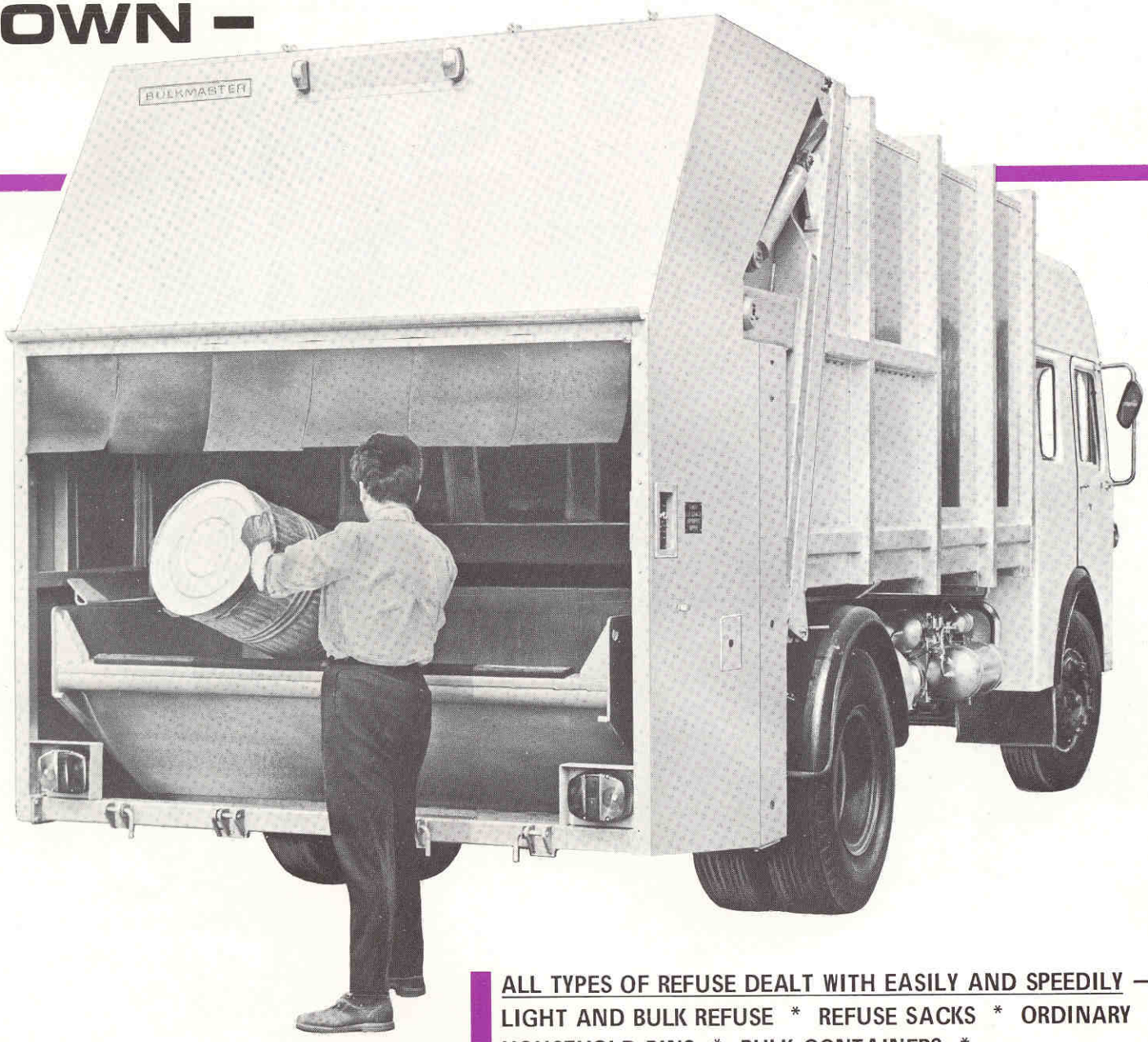








DOWN –



ALL TYPES OF REFUSE DEALT WITH EASILY AND SPEEDILY – LIGHT AND BULK REFUSE * REFUSE SACKS * ORDINARY HOUSEHOLD BINS * BULK CONTAINERS *

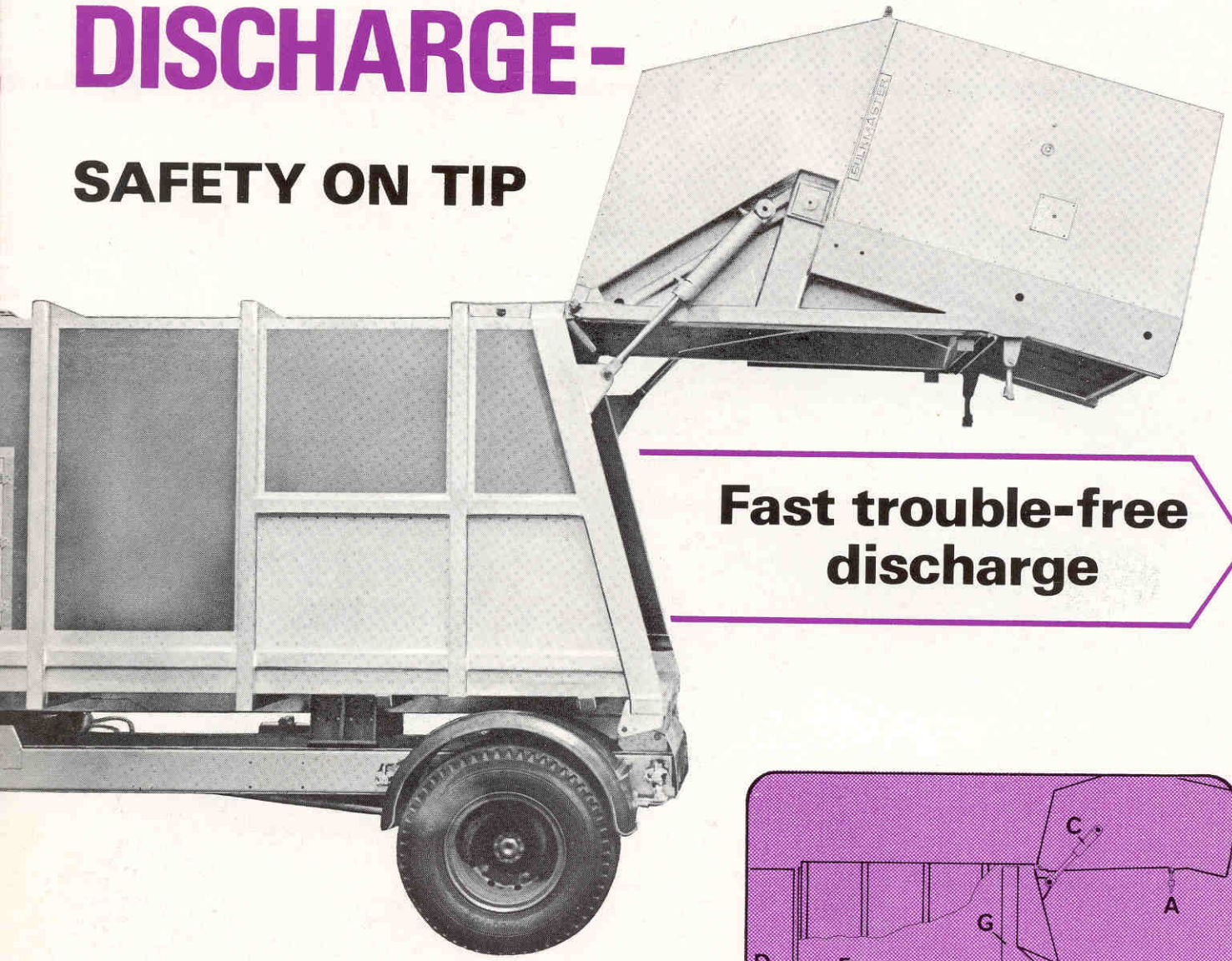
Bulkmaster advantages

- Crew productivity is increased by virtue of the ease of loading over a low rave rail.
- Maintenance costs are considerably reduced by the non-continuous loading cycle and absence of metal to metal contact in the loading mechanism.
- All types of refuse normally encountered on the round can be dealt with speedily and efficiently.
- Early morning and night collection now possible without complaints from residents, the noise level during operation having been reduced to a minimum and acceptable level.
- Substantial savings in fuel consumption is achieved, resulting from the non-continuous, operator initiated loading cycle.
- Refuse subject to shattering is retained within the hopper during loading, further ensuring operators safety.

NEW RAM MOTIVATED REFUSE HANDLING MECHANISM ELIMINATES METAL TO METAL WEAR

EJECTION DISCHARGE-

SAFETY ON TIP



Fast trouble-free discharge

The ejector discharge gives rapid clean emptying of the body whilst the large capacity hopper and the power of the packer plate gives an unequalled loading rate - 1.4 m . in 12 seconds, compressed with a force of 45 tons.

The unloading of the body is effected by rapid ejection of the load in one single operation. No tipping of the body is required. To discharge the contents. Unfasten the hopper locks (A). Operation of the hydraulic rams (C), raise the tailgate, thus leaving clear passage for discharge. The control lever (D) operates the ejection ram (E) controlling ejection plate (G) which is displaced towards the rear, at the same time pushing the mass of refuse clear of the body.

When the body is empty the ejection plate is returned to its pre-compression position. The tailgate is then lowered and the vehicle is ready for further collection duties.

DENNIS

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