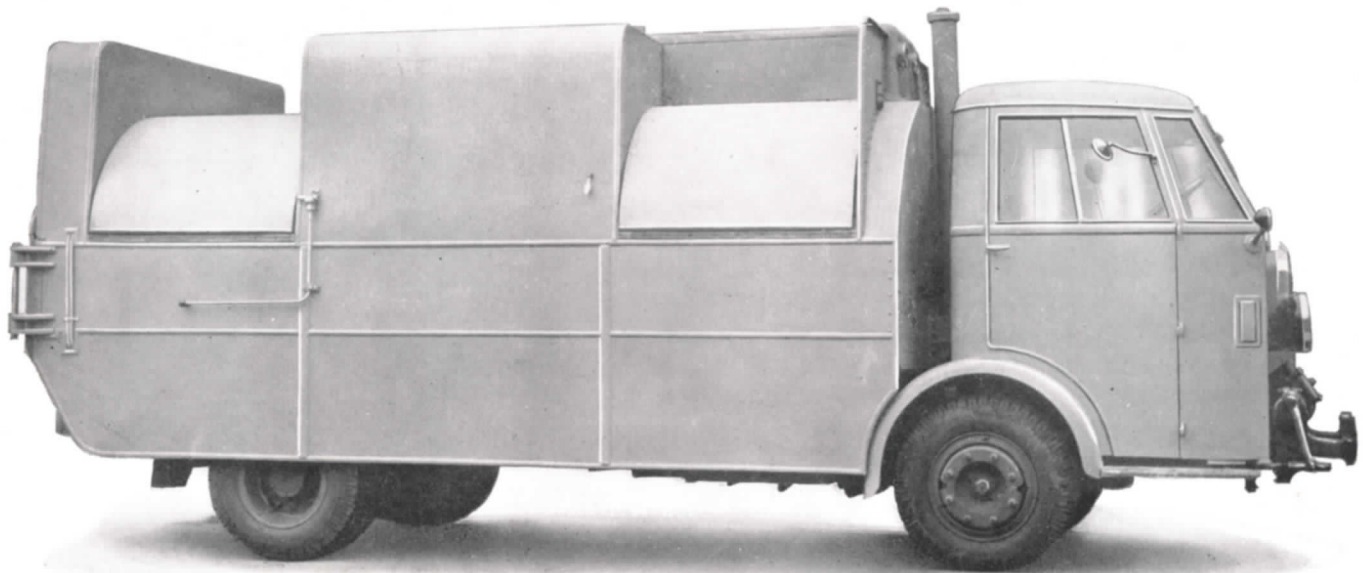


EAGLE

PATENT "PACTUM" BODY

COMPRESS YOUR REFUSE
REDUCE YOUR COLLECTION COST



Side view of the EAGLE Patent "Pactum" Refuse Collector, showing the neat appearance.

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COMPRESS YOUR REFUSE AND REDUCE YOUR COST OF COLLECTION

Something entirely new in Refuse Collection—The EAGLE Patent "PACTUM" Body, with hygienic silent automatic covers, combines all the latest principles for economical and hygienic methods of Refuse Collection. Owing to the light and bulky nature of refuse due to the widespread and increasing use of gas and electricity for domestic purposes, it is generally agreed that some method of compressing the refuse is absolutely essential if the best results are to be obtained.

The EAGLE "PACTUM" Body has an hydraulic ram fitted at the front of the body which compresses the refuse, enabling a 50% bigger load to be carried than with any other type body of the same size.

The operation of the Packing Plate is entirely foolproof, and apart from the packing valves, the only control is a small handle situated inside the driver's cab.

It also has the advantage in disposal, as it makes a more solid tip with less labour, and when tipped into Railway Wagons or Barges, the economy is even more marked.

It should also be borne in mind that fewer vehicles are required to deal with the given quantity of refuse, with consequently, a smaller Capital Outlay, and a considerable saving in Licensing and running costs.

The number of journeys to the Tip is reduced, saving mileage and travelling time, with a further advantage that time saved in travel is utilised in actual loading.

There is no treading down the refuse, or trimming the load to make it full in the centre. The "PACTUM" Gear does the equivalent of this economically or more effectively.



Shows the body tipped, giving a large angle for discharge.



Shows one of the covers open.

Immediately the contents of the Bin have been discharged, the loader withdrawing permits the lever which is spring operated, to return to the body, thus automatically closing the cover. To open, the loading process is reversed.

There is no effort of any description required.

Shows through the loading aperture the packing plate which is operated by hydraulic ram for compressing the refuse.

In trying to get the utmost into the body, already apparently full, refuse is often dropped on the road.

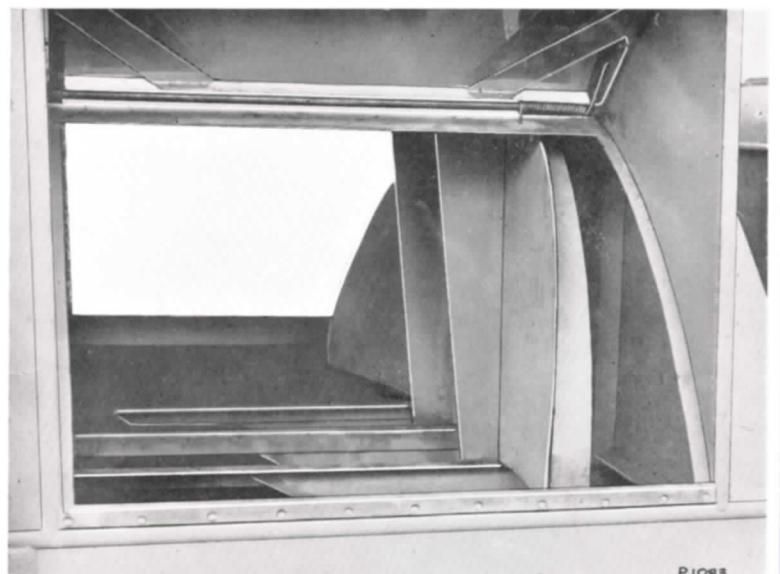
The Packing device always offers a clear loading space and thus obviates the risk of spilling the refuse on the road or pavement. Again, on the tip, there is less risk of the papers being blown about, the ashes and fine material which have fallen through the grid in the body, are discharged last and form the first covering when lightly raked over.

The covers through which the refuse is loaded are another patented feature of this vehicle. They are operated on the Vacuum system, and by merely turning a handle, are opened silently and closed in a similar way.

The refuse is prevented from blowing about during loading and transit. The appearance is extremely neat ; the Loading Line is at a most convenient height ; the tipping which is operated by EAGLE Patent hydraulic gear, is of sufficient angle to discharge the load under any condition, and finally, the saving in cost of collection, as well as hygienic methods, is greater than with any other outfit on the market.

These bodies can be supplied in the following sizes :—
7, 10, and 13 cu. yds. capacity.

(Fully covered by Patents).



SPECIFICATION OF REFUSE BODY FITTED WITH PACTUM COMPRESSING GEAR.

BODY.—This is constructed of steel throughout, and is approximately 15ft. long for the 13 cubic yard capacity and 13ft. long for the 10 cubic yard x 6' 6", wide at the front, tapering to 7ft. wide at the rear x 1' 11" deep at the sides, and 4ft. deep at the centre. All inside dimensions.

The main body frames are of rolled steel channel sections, with cross members carefully disposed, and cleated and welded by electric arc welding process. The side, end and front frames are of rolled steel angle sections. The floor plates are $\frac{5}{32}$ " thick, and the sides $\frac{1}{8}$ ".

Taildoors are hinged at the sides and fitted with screw clamp fasteners, top and bottom. During tipping the doors can be hooked back to the sides, to allow the refuse a clear discharge. The doors are reinforced with channel and angle sections to withstand the compression.

COVERS.—These may be of the following types—
Hinged aluminium, servo operated.
Hinged aluminium, hand operated.
Dustless foot operated.

The covers are in two sections each side of the body, the rear ones are for primary loading only, the main loading then takes place from the front covers. Each cover is complete with windguards.

RUBBER BUMPER.—This is fitted on the sides of the body, to prevent damage to bins.

PACTUM GEAR.—This consists of single hydraulic ram fitted on the top of the body at the front. It is complete with fork compression which is carried off the ram rod, and connected to the compression plate. Steel tubular cross head guides are fitted. Beneath the compression plate, in the body, is the loading grid, consisting of rolled steel angle sections reinforced with steel gusset plates.

Operation of the hydraulic ram is by a valve on the control box, inside the rear of the driver's cab.

TIPPING GEAR.—Single hydraulic ram is fitted between the front of the body and the rear of the driver's cab. It is mounted in a rolled steel channel base, and connected to the oil pipe line through a swivel joint. Oil pressure is obtained from a rotary gear pump, coupled direct to the gear box power take off shaft. The tubes are of sufficient length to tip the body through approximately 45°. The gear is controlled from a valve on the valve box, inside the driver's cab.

PAINTING.—Stopped, primed, three coats of best oil colours, lettered and varnished to requirements.