



Mercedes-Benz
No.

4040

65687



COLECTOMATIC 4000-30 REFUSE COLLECTORGeneral

The Colectomatic 4000 is a rear loading refuse collection vehicle with a full width and large capacity hopper. The hydraulically operated compaction system achieves compaction of 750-800 lbs per cu yd. Manufacturer and assembly by Alam Steel Industries , Kuwait, under license from the Heil Company, USA.

Loading Capacity

- Volume : 30 cu yds (23 cu mtrs)
- Payload : About 10900 kg of compacted refuse (depending on type of refuse)

Tailgate

- Hopper capacity : 2.cu.m.
- Hopper width : 2.03m, load opening 1.168m
- Cycle time : 22-26 seconds

Construction

- All welded steel construction steel to JIS-3101/SS400 or equivalent
- Hopper tail gate and ejector panel constructed of high tensile steel
- Body floor is flat and crevice free

Hydraulic

- High pressure (2500 PSIG) hydraulic system, with pump driven from vehicle PTO (Throttle control switch fitted at rear and side)
- Hydraulic cylinders for tail gate raise (2x3" bore), packing blade (2x4") and slide (2x4 1/2") bore).Ejector/compaction plate is operated by a four stage double acting telescopic ram with sufficient stroke to cover the full floor length.
- 10 micron return line replacement filter element, easily accessible for replacement
- Oil tank mounted at side of vehicle.

Operation

- Packer system operated by two plates, a sweeper movement following the radius of the hopper floor, followed by a packing movement along channel slides in the hopper sides.
- Packing movements can be operated with automatic cycle or manually
- Automatic operating cycle for packing refuse from hopper into body
- Throttle control switches provided to ensure optimum control of vehicle engine speed when loading and when dumping. The switches are located on the loading and the dumping control panels.

Master and Operating Control

- Driver's cabin: PTO engagement for activating the hydraulic system.
- A buzzer's in driver's cabin to signal tailgate position.
- Control panel for tailgate raise/lower and discharge (ejector) on front side of body, driver's side.
- Control panel for packing blade to control sweep, packing, raise, lower and reverse on rear RH side of body to enable operator monitor the loading operation.
- Controls are manual by means of operating levers and are highly recommended in view of their safety and reliability. Field experience has proved them to be trouble free.

Container Lifting Equipment

- A. A hydraulically operated winch rated at 8,000 lbs of lifting capacity and suitable for handling upto 5 cu m capacities.
- B. A hydraulically actuated mechanism suitable for handling 1100 litre containers to DIN 30700 .
- C. Hydraulic operated winch + Arm mechanism to handle 1100 litre containers to DIN 30700.
- D. Hydraulic operated winch + Arm mechanism to handle 1100 litre containers to DIN 30700 + 2.5 cu m containers to DIN 30738.
- E. Hydraulic operated arm mechanism to handle 1100 litre containers to DIN 30700 + 2.5 cu m containers to DIN 30738.
- F. Hydraulic operated arm mechanism to handle 1100 litre containers to DIN 30700 + 240 ltrs. containers.

Accessories/Equipment

- Tool box
- Mudguards and Mudflaps
- Standard traffic lights

Paint:

External: One coat of red oxide primer + one coat of synthetic finish paint per your choice.

Internal : One coat of red oxide primer.