

The
NEW

Shark Refuse Collection Vehicles



LA LAIRD (ANGLESEY) LIMITED
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The "SHARK" – probably the most universally accepted Refuse Collection Vehicle, is currently operating in more than 70 different countries.

The new range of "SHARK" vehicles, whilst retaining the basic concept of a rotating drum, are hydraulically powered to simplify body to chassis mounting, to provide a quieter drum drive and to allow greater opening of the rear door which reduces discharge time at the tip.

Operators who already have mechanically driven 'SHARKS' in their fleet, will readily appreciate the advantages of the new hydraulic vehicles. Layout and methods of control are unchanged so that crew familiarity is not affected.

The 'SHARK' body is suitable for mounting to most chassis' in the 14.5 to 16 ton (tonne) gross vehicle weight range, and is of 13.4 m³ (17.6 yd³) free capacity.

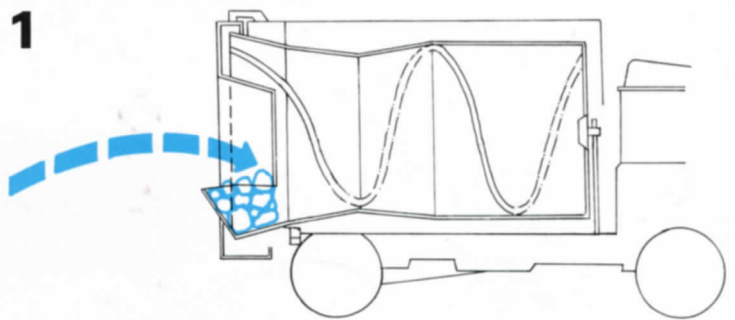
It is available on the following chassis:

Bedford KHE
Commer RG15
Ford D 1411 and 1617
Leyland Boxer 1425
Seddon
Dennis
S & D

Other makes of chassis can be considered in line with customer's own requirements.

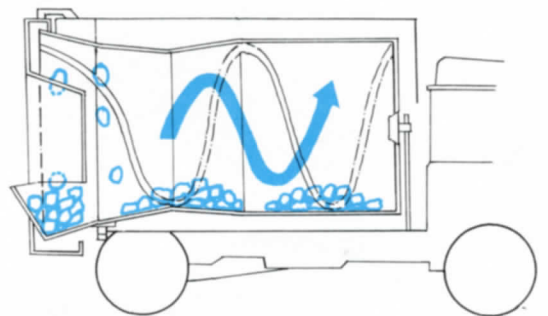
METHOD OF OPERATION

1



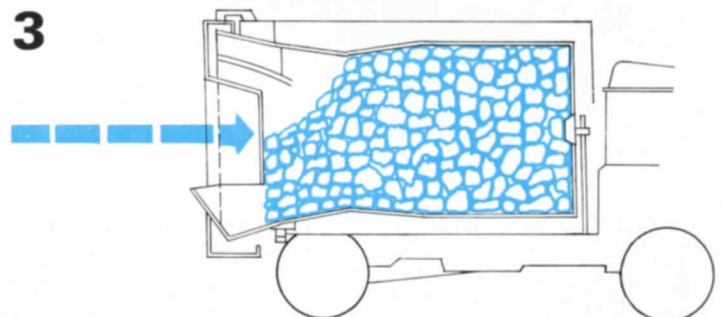
REFUSE IS LOADED INTO THE REAR HOPPER.

2



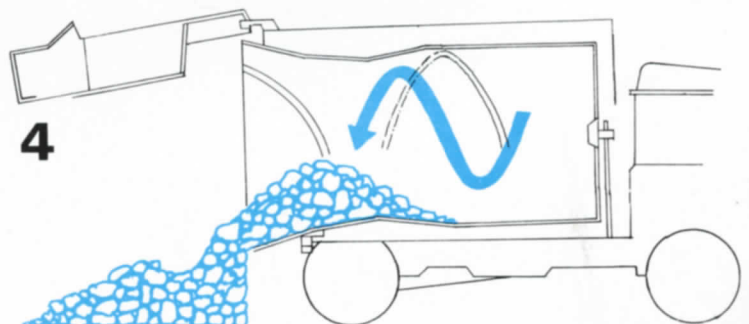
REFUSE IS CARRIED FORWARD, TUMBLED AND BROKEN DOWN BY DRUM ROTATION.

3



WITH ALL DRUM FREE SPACE FILLED AS LOADING CONTINUES, THE LOAD IS COMPACTED BY THE ACTION OF THE DOOR SHAPE AGAINST THE ROTATING REFUSE.

4



FOR DISCHARGE THE REAR DOOR IS OPENED AND DRUM ROTATED IN REVERSE DIRECTION TO "SCREW-OUT" REFUSE.

1 14.5 TO 16 TON. G.V.W. CHASSIS WITH 10 TON REAR AXLE. AVAILABLE WITH EITHER CREW CAB OR STANDARD CAB.

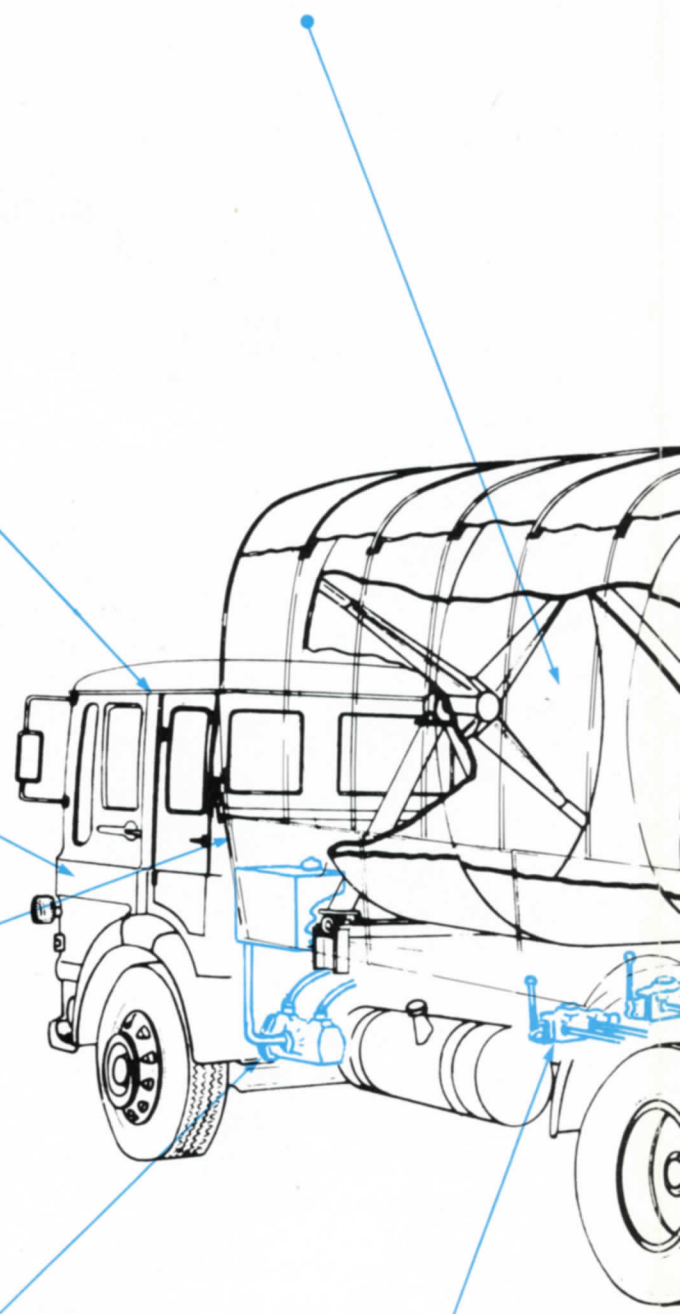
2 ROTATING DRUM, POWERED BY TOOTHED EXTERNAL RING, HAS SCROLL "THREADS" TO CARRY REFUSE INWARDS.

12 CAB MOUNTED CONTROL PANEL HOUSES FUSES ETC., AND GIVES DRIVER CONTROL OF DRUM START/STOP.

11 EXTERNAL ALUMINIUM PANELS WITH HINGED ACCESS FLAPS ENHANCE APPEARANCE AND PROTECT MOVING PARTS.

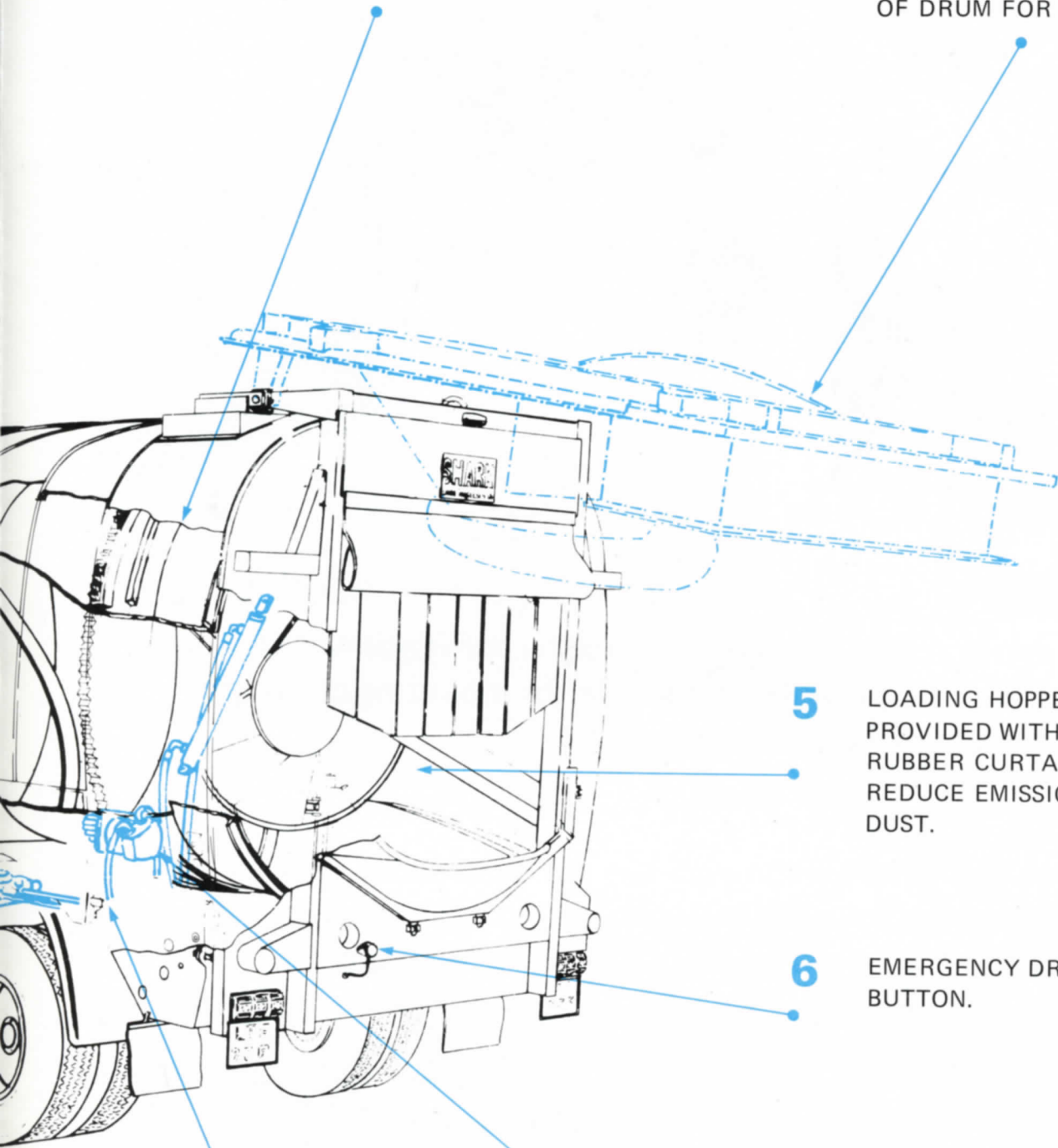
10 HYDRAULIC TWO STAGE PUMP IS DRIVEN BY POWER-TAKE-OFF UNIT ON VEHICLE GEARBOX.

9 HAND VALVES CONTROL REAR DOOR OPENING AND DIRECTION OF DRUM ROTATION.



3 ARCH BRIDGES REAR OF DRUM TO SUPPORT DOOR AND OPENING RAMS.

4 REAR DOOR OPENS TO ALMOST HORIZONTAL POSITION TO CLEAR REAR OF DRUM FOR UNLOADING.



5 LOADING HOPPER IS PROVIDED WITH ADJUSTABLE RUBBER CURTAIN TO REDUCE EMISSION OF DUST.

6 EMERGENCY DRUM STOP BUTTON.

8 START/STOP PUSH BUTTON AND DRIVER'S START BUZZER CONVENIENTLY MOUNTED AT REAR NEAR SIDE'

7 TWIN HYDRAULIC MOTORS EACH HAVING AN OUTPUT PINION ENGAGING WITH TOOTHED RING OF DRUM.

The
Small

Shark

Refuse Collection Vehicle



Similar in construction and operation to the conventional 'SHARK' vehicle, the 'SMALL SHARK' is suitable for mounting on to the chassis of vehicles of 10 tons gross weight.

In this form, it provides a compact and manoeuvrable unit for either rural or congested urban use, and can be supplied with either a standard or crew cab and has a body of 8m^3 (10.5yd^3) free capacity.



Optional Equipment



An industrial girth strap bin lift is available as an optional extra. Mounting is a very quick operation to convert a domestic vehicle for trade refuse collection.

The girth strap is hydraulically operated and readily copes with variable sizes and distorted bins up to 0.95m³ (1.25yd³) capacity.

The 'SHARK' can be supplied with a wide range of accessories including rear steps, sack storage, wash basin unit, rear towing hitches, loading lights and hazard lights.



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