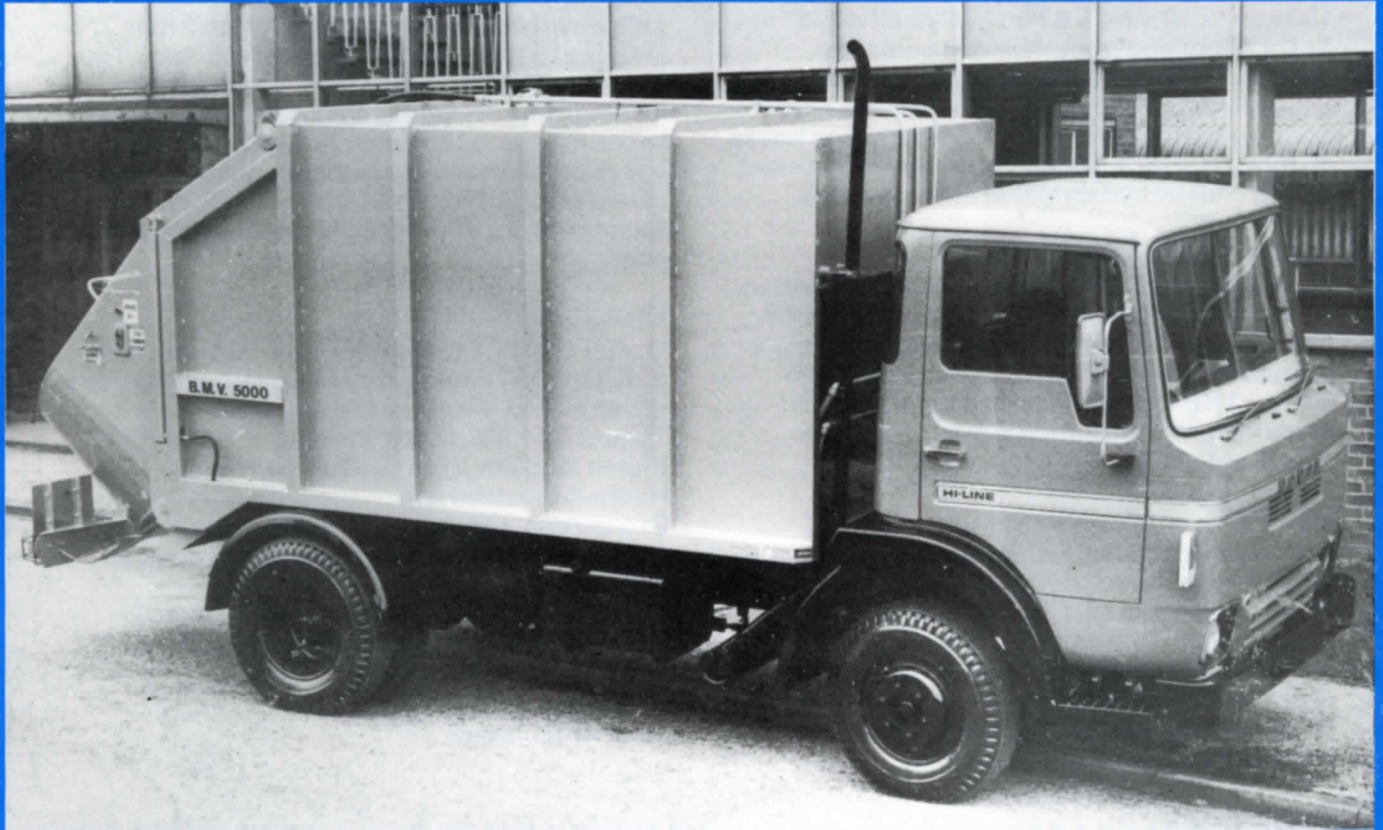


# BMV 5000

## REFUSE COLLECTION VEHICLE



- Highly manoeuvrable
- Short wheelbase
- Small Turning circle
- Large capacity body
- High payload potential
- Modern tilt cab
- 34" width chassis-exceptional stability
- Quiet in operation
- Low maintenance costs
- High utilisation
- British built by craftsmen
- All Alloy Steel construction
- Standard chassis components



**R. Bradley Municipal Vehicles Limited**

## BODY

Body manufactured from Corten Steel. All welded by CO<sup>2</sup> welding process 13.5 c.u. yds, free air space. 2 metres wide, (6'6"). Floor 3 mm., (1/8"), Sides 3 mm. (1/8"), Roof 1.6 mm. (1/16"). Suitably cross braced and vertically strengthened by pressed Alloy Steel channel 3 mm., (1/8"). Integral with the body floor ejection runner, 'I' beam section 100 mm. x 100 mm. x 10 mm. x 6 mm., (4" x 4" x 3/8" x 1/4"). Floor and body have one complete section. Floor cross members Corten Pressed Steel. Rear upright pillars carry profiled rear door elongated pivot point Door retaining hooks 30 mm., (1.1/8"), 4360B. The body is mounted on the chassis by fabricated steel brackets.

## EJECTION PLATE

Moves longitudinally on the 'I' beam supported by four cast iron rollers with lubrication facility. The ejection plate is fitted with machined steel steadying wheels. Plate manufactured from 3 mm., (1/8") Corten Framed in rolled steel angle 45 mm. x 45 mm. x 5 mm., (1.3/4" x 1.3/4" x 3/16").

## HOPPER

Semi-cylindrical shape. Capacity 0.8 cu. m., (1 cu. yd.) Manufactured from: Sides Corten 3 mm., (1/8") sloping inwards to the semi-circular Hopper base Creusabro 32, 5 mm., (3/16"). Top rail formed from 48 mm., (1.7/8") dia, cold drawn steel tubing. Ripper teeth inset on Hopper Sides. Creusabro optional loading step fitted to Hopper rear.

## RAMMER

Rammer post formed from 230 mm., (9") O/D Manganese steel alloy hollow tube. Bearing

support spigots machined from BS 392 GRADE C continuous welded both ends. Rammer blade box construction, Super Elso 5 mm., (3/16"). Ripper teeth cut from Creusabro 12 mm., (1/2") plate. Rammer supported by sealed spherical bearing.

## REAR DOOR STRUCTURE

Fabricated construction from Corten 3 mm., (1/8") to 5 mm., (3/16") section sections. The door structure carries rammer assembly and loading Hopper. Upper enclosed section carries, hydraulic operating rams, movement valve, and upper paddle bearing structure, bearing housing manufactured from BS 592 GRADE C, hinged service access door fitted to upper section of door.

## CHASSIS

Dodge G10. 9.7 tons GVW 10'0" WB. tilt cab. Perkins 6.354 engine, 5 speed gearbox, layshaft driven P.T.O. single speed rear axle. Tyres 8.25 x 16, 14 ply, includes spare. Clutch 35.5 cm. (14") S.D.P. Brakes Air Hydraulic divided line. Lining Area 3380 sq. cms. (524 sq. ins.) 12 Volt electric regulated control 128 amp. Hr. at 20 hr. rate. Fuel tank capacity 134 litres, (29.5 gallons). Low line cab on any suitable chassis.

## OPTION

Ford 1010 chassis

## B.M.V. 5000

Wheelbase	3048 mm.	10'0"
Overall Length	6197 mm.	20'4"
Overall Width	2260 mm.	7'5"
Overall Height	2871 mm.	9'5"

## PLATED WEIGHTS

Front Axle	3560 Kg.	3.5 Tons
Rear Axle	6610 Kg.	6.5 Tons
G.V.W.	9860 Kg.	9.7 Tons

British Patent No. 1032920

Due to the company's policy of continuous improvement, the company reserves the right to alter without prior notice specifications and dimensions.



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