



**QUALITY PRODUCTS  
FROM**



R. Bradley Municipal Vehicles Ltd

**4000**

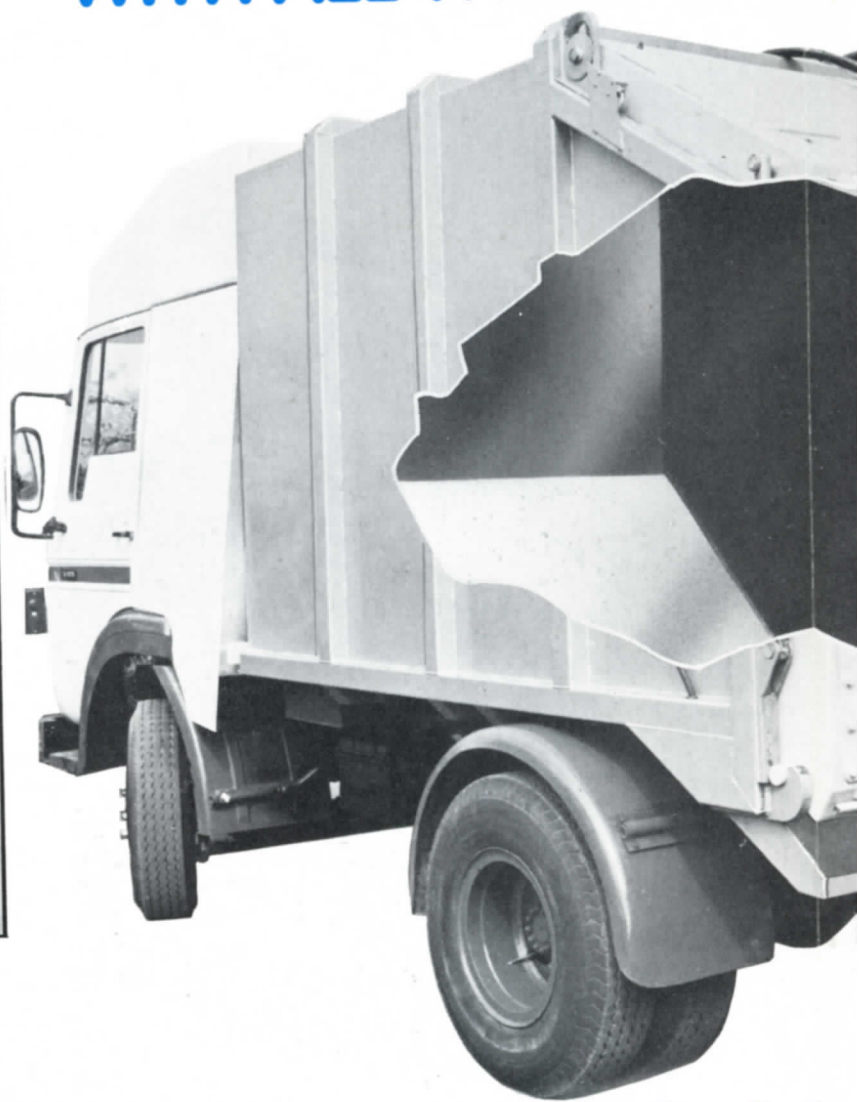
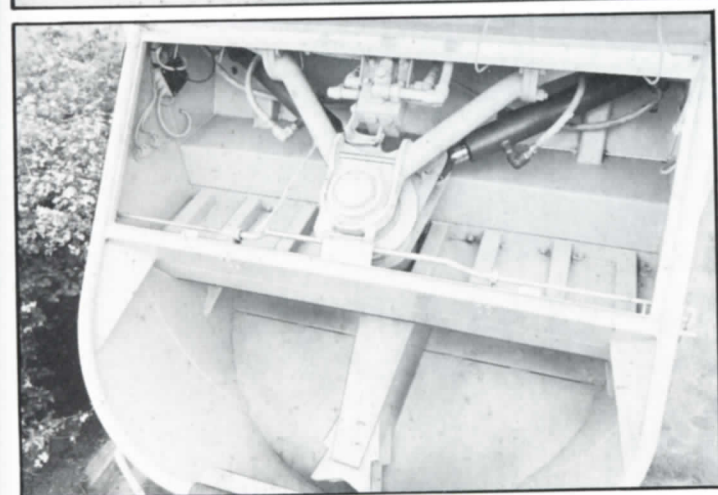
# SHORT ON WHEEL BASE A

B.M.V.'s well proven and successful 4000, is now available in its 100" wheelbase form with a specialist built 5 seater crew cab which means that it is probably the most manoeuvrable small crew cabbed refuse collection vehicle available today.

One of the more important features of the B.M.V. 4000 is the use of a standard Dodge chassis, allowing the operator wide choice of parts suppliers.

At its widest the 4000 is only 7' 2" wide, this over the rear wheels. Body and cab width are reduced to 6' 9" wide.

## WITH ALL THESE STAND



- Highly manoeuvrable.
- Choice of modern crew cab or single cab.
- Tilt cab.
- Short-wheel base.
- Small turning circle.
- 863 mm., (34") width chassis – exceptional stability.

# THE B.M.V.



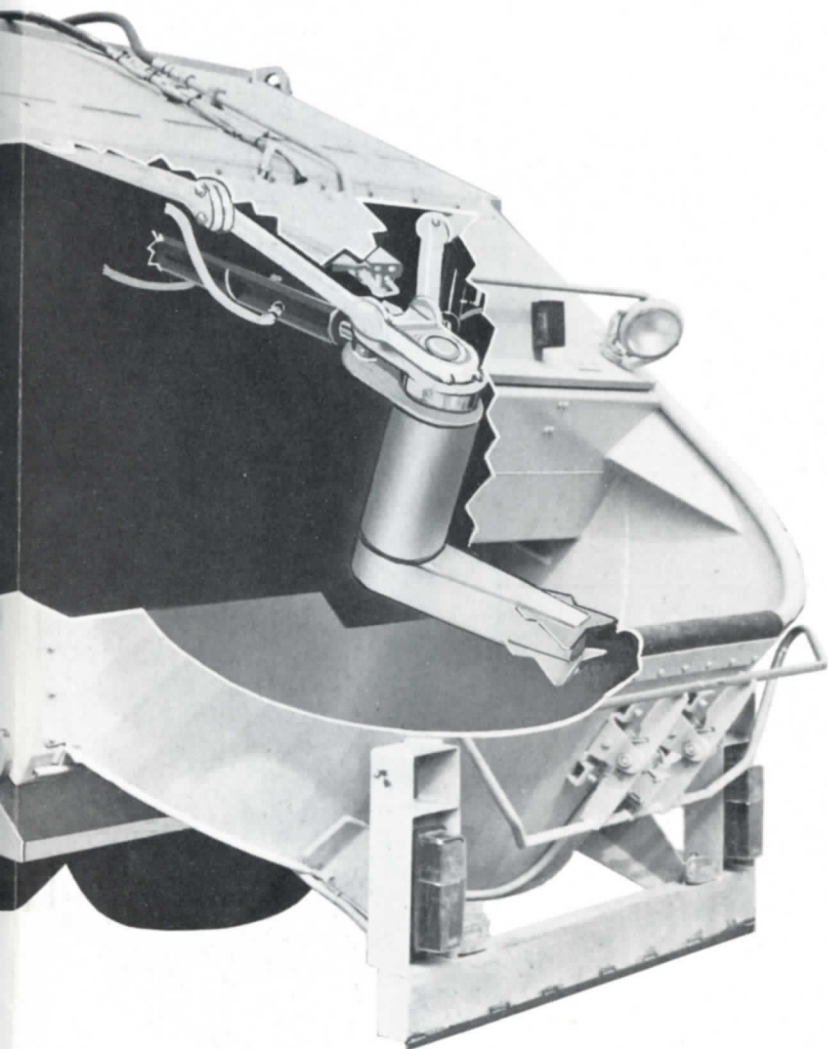
# E AND BIG IN CAPACITY

Due to the unique design and shaping of the rear overhang, tighter turning circles are obtained, than all other vehicles in this class.

The large 10.5 cu.yd. body allows rapid, continuous loading of domestic refuse quietly and efficiently, whilst discharge is by horizontal ejection.

Simplicity of design gives high utilisation with lower maintenance costs, making the B.M.V. 4000 first choice for operators.

## NDARD FEATURES TOO



- Large capacity refuse body.
- Quiet in operation.
- Low maintenance – high utilisation.
- Swift ejection 17 secs.
- British-built from alloy steel by craftsmen.
- Standard chassis components.
- A complete range of small machines with large capacities.

# V 4000

# TECHNICAL DATA

## BODY

Body manufactured from Corten Steel. All welded by CO<sup>2</sup> welding process. 8 cu. m., (10.1/2" cu. 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 rive 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

G10 9.7 tons G.V.W. 100" Wheelbase

## CHOICE OF CAB

5 man crew cab  
3 man single cab  
Perkins 6354 Diesel Engine  
Five speed synchromesh gearbox  
Single speed rear axle  
Twin rear wheels

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.

### B.M.V. 4000

	Crew Cab	
Wheel Base	100" (8' 4")	2540 mm
Overall length	236" (19' 8")	5994 mm
Overall width	86" (7' 2")	2184 mm
Overall height	114" (9' 6")	2895 mm
G.V.W.	9.7 Tons	9860 kg.

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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A member of R. Bradley Motor Holdings Limited

