



SP 25



Standard execution SP 25

- VDK patent on the counterpressure system for the ejector shield.
- Automatic locking and unlocking of the tail-gate (VDK patent).
- High compression up to 650 kg/m³ (0.5 ton/cu. yd).
- The hydraulic rams are never in direct contact with refuse.
- Low height of loading rave.
- Low superstructure weight.
- Ideal weight distribution on any type of chassis.
- Fully automatic load ejection.
- Special sliding plate for refuse when ejecting the load.

- Special VDK roller system :
 - extra large ;
 - less wear ;
 - low maintenance.
- Three-point hinged packer plate.
- Unique simple controls.
- Superstructure suitable for any chassis.

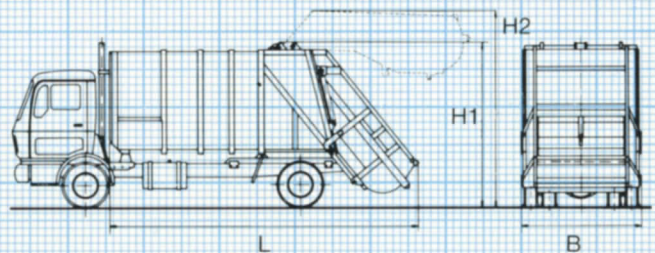


Total height
 H1 : tail-gate closed : 3,320 mm (131")
 H2 : tail-gate open : 3,960 mm (156")

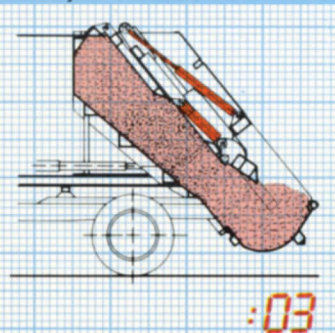
B : SP 25 : 2,500 mm (98")

Hopper clearance above loading rave
 1,850 x 1,330 mm (73" x 52")

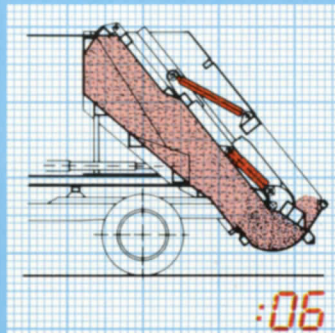
Hopper capacity
 1,520 litres (2 cu. yd)



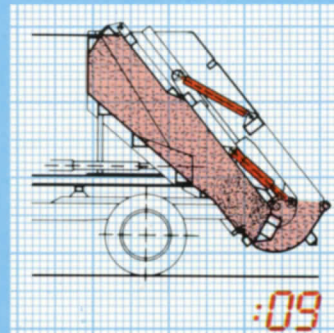
Total cycle : 15 sec.



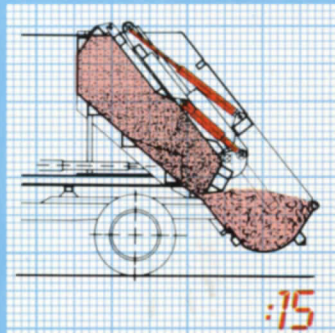
The packer plate opens.



The carrier plate moves down.



The packer plate turns into the refuse.



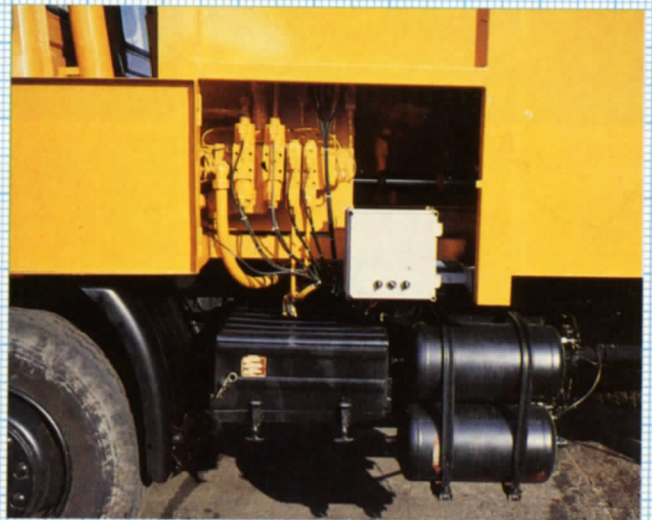
The carrier plate moves up, packing into the body.

Safety

- Safe for the loading crew - the packer plate closes 500 mm below loading rave.
- The special design of the hopper rave minimizes flying glass and others.
- Low noise level.
- Emergency-stop and reverse control, within hand-reach at both sides of the tail-gate.

Maintenance

- Electrohydraulic controls are at the front of the body - easy access.
- Only two rams to operate packer plate and carrier plate.
- Minimum maintenance ; self-lubricating bushes = long life and low maintenance.



Technical specifications.

Net body volume	Overall length L	Approximat. weight superstructure
SP 25		
12,0 m ³ (15.69 cu.yd)	5,155 mm (202 in.)	4,640 kg (10,299 lb.)
14,0 m ³ (18.31 cu.yd)	5,585 mm (220 in.)	4,819 kg (10,624 lb)
15,0 m ³ (19.62 cu.yd)	5,800 mm (228 in.)	4,868 kg (10,732 lb.)
16,0 m ³ (20.92 cu.yd)	6,015 mm (237 in.)	4,953 kg (10,919 lb.)
17,5 m ³ (22.90 cu.yd)	6,337 mm (249 in.)	5,107 kg (11,259 lb.)
19,0 m ³ (24.85 cu.yd)	6,659 mm (252 in.)	5,181 kg (11,422 lb.)
20,5 m ³ (26.81 cu.yd)	6,981 mm (275 in.)	5,255 kg (11,585 lb.)

Body and tail-gate : welded construction of high tensile steel.

Body sheet gauges

- Floor : 3 mm (0.12 in.)
tensile 400 N/mm² (57,000 PSI).
- Side walls : 3 mm (0.12 in.)
tensile 400 N/mm² (57,000 PSI).
- Body top : 2.5 mm (0.10 in.)
tensile 400 N/mm² (57,000 PSI).
- Wearing plate : 6 mm (0.236 in.)
tensile 1,000 N/mm²
(145,000 PSI).

Tail-gate sheet gauges

- Side-walls : 3 mm (0.12 in.)
tensile 400 N/mm² (57,000 PSI).
- Hopper floor : 6 mm (0.25 in.)
tensile 1,000 N/mm²
(145,000 PSI).

Hydraulic system

- Gear pump : 56 cc/min (15 GPM).
- Working pressure : 200 bar (2,900 PSI).
- Carrier plate ram : one, stroke 800 mm (31.5").
- Packer plate ram : one, stroke 235 mm (12").
- Telescopic ejection ram with patented counter-pressure system :

- 2-stage for SP 25 : from 12 m³ (9.2 cu. yd)
up to 15 m³ (11.5 cu. yd) ;
- 3-stage for SP 25 : from 16 m³ (12.2 cu. yd)
up to 20.5 m³ (15.7 cu. yd).
- Tail-gate lifting rams : two single acting : stroke 840 mm (33").
- Oil tank : capacity 100 litres (27. gal.).

Container lift system CB 02



The CB 02 is a **universal** container lift system.
More than 78 different types of containers can be handled in combination.
Possibility to mount several types of container lifting systems :

- Zöller container lift ;
- Bammens bin lift system ;
- Paladin bin lift system.

Even with container lift easy and safe loading ; several types of containers can be handled with CB 02.



Printed in Belgium by Vanhuysse - Roesselare - Under reserve of possible modifications.



MOL CY. N.V.
naamloze vennootschap

Diksmuidesteenweg 63
B-8830 HOOGLEDE / BELGIUM

Tel. (051) 70 16 81
Telex 81 949 mol b



DIVISION

VDK
WASTE SYSTEMS

Fabriekstraat 1
B-8160 DIKSMUIDE / BELGIUM

Tel. (051) 50 40 41 (5 lijnen)
Telex VDK WS 82 116