



**We've gone back to basics.**

## **MAXIPAK**

**the new intermittent loader from Shelvoke**

# **SHELVOKE GET BACK TO BASICS WITH THE NEW MAXIPAK**

— a fixed pan intermittent loader for the 1980s.

Simplicity is the name of the game, both to keep down initial purchase costs and trim maintenance outlay by improving efficiency.

Maxipak has the answer both ways.

The all-steel hopper features single side bulkheads with all hydraulics and control valves being contained above the loading member out of the way of refuse. Everything is easy to get at for servicing and by featuring mechanical controls body hydraulic circuits can be kept as simple as possible.

A further way of keeping down both initial purchase and maintenance costs is Maxipak's modular construction - sharing many major components with other Shelvoke refuse collectors like the Revopak. In fact, the entire body and ejector plate assemblies are interchangeable with Revopak and Intapak machines, as of course is the range of purpose built Shelvoke municipal chassis cabs. And that gives Maxipak a further advantage over the opposition - payload.

Shelvoke purpose built chassis are built to take maximum payloads, year in, year out and a wide range of running gear, chassis and cab options means you get the right specification Maxipak to suit your operational requirements.

# **SHELVOKE MAXIPAK OPERATIONAL CYCLE**

**VALVE 1 — START STOP REV.  
VALVE 2 — PACK CYL CONTROL  
VALVE 3 — SWEEP CYL CONTROL**

Move valve (1) to forward position.  
Sweep cylinders retract fully, tripping valve (2) directing oil to the extend side of the packing cylinders.  
Pressure now on packing cylinder extend and sweep retract.  
As packing cylinder extends valve (3) returns to neutral.

Packing rams extend until valve (1) is tripped to the neutral position.  
Valve (1) must now be manually moved to the forward position again. (This is a safety feature, alternative solutions are optional.)

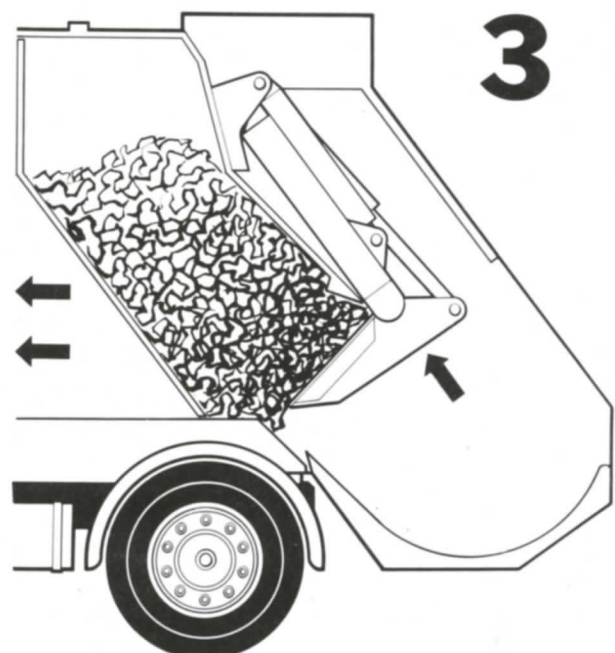
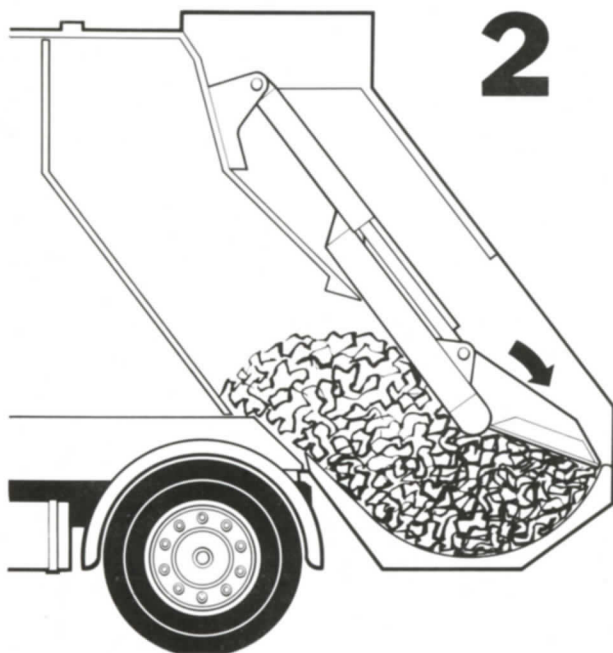
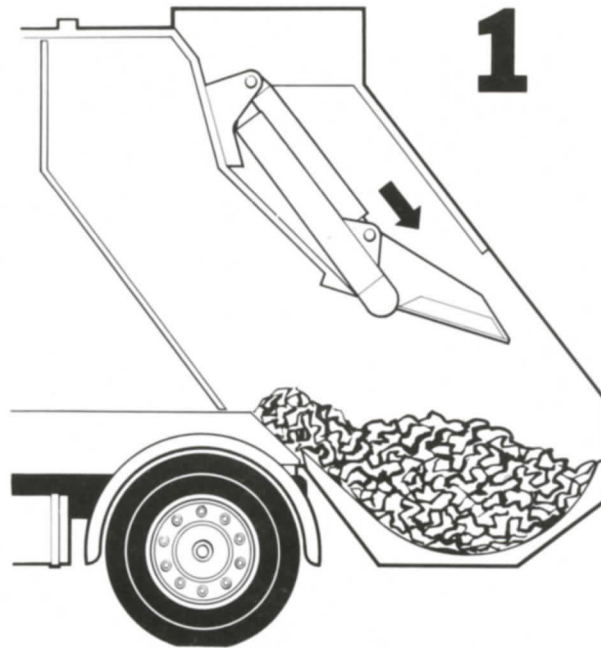
Packing rams now fully extend tripping valve (3) directing oil to extend sweep cylinders.  
Pressure available to both cylinders until sweep cylinder extends allowing valve (2) to return to neutral.

Sweep cylinders fully extend trip valve (2) to direct pressure to retract pack cylinders.  
Pressure is applied to both until packing cylinder retract returning valve (3) to neutral.

Packing cylinders retract almost completely tripping valve (3), directing oil to sweep cylinder retract side.  
During pressure overlap period valve (2) returns to neutral and the remaining stroke of the packing cylinder retraction is used to trip valve (1) to neutral.



# SHELVOKE MAXIPAK OPERATIONAL CYCLE



# TECHNICAL DATA

Rave height 1m (40")  
Hopper inside width 2.05m (81")  
Hopper capacity 1.9m<sup>3</sup> (2.5 yd<sup>3</sup>)

## Cylinder dimension

### 1 Sweep

Bore 100mm ø (4" dia)  
Piston rod 50mm ø (2½" dia)  
Stroke 600mm (24")  
Max pressure 2500 psi

### 2 Packing

Bore 100mm ø (4" dia)  
Piston rod 60mm ø (2½" dia)  
Stroke 750mm (30")  
Max pressure 2500 psi

## Plate efforts

1 Initial sweep 2.78 tons total  
2 Final sweep 9.2 tons total  
3 Packing 20.4 tons total

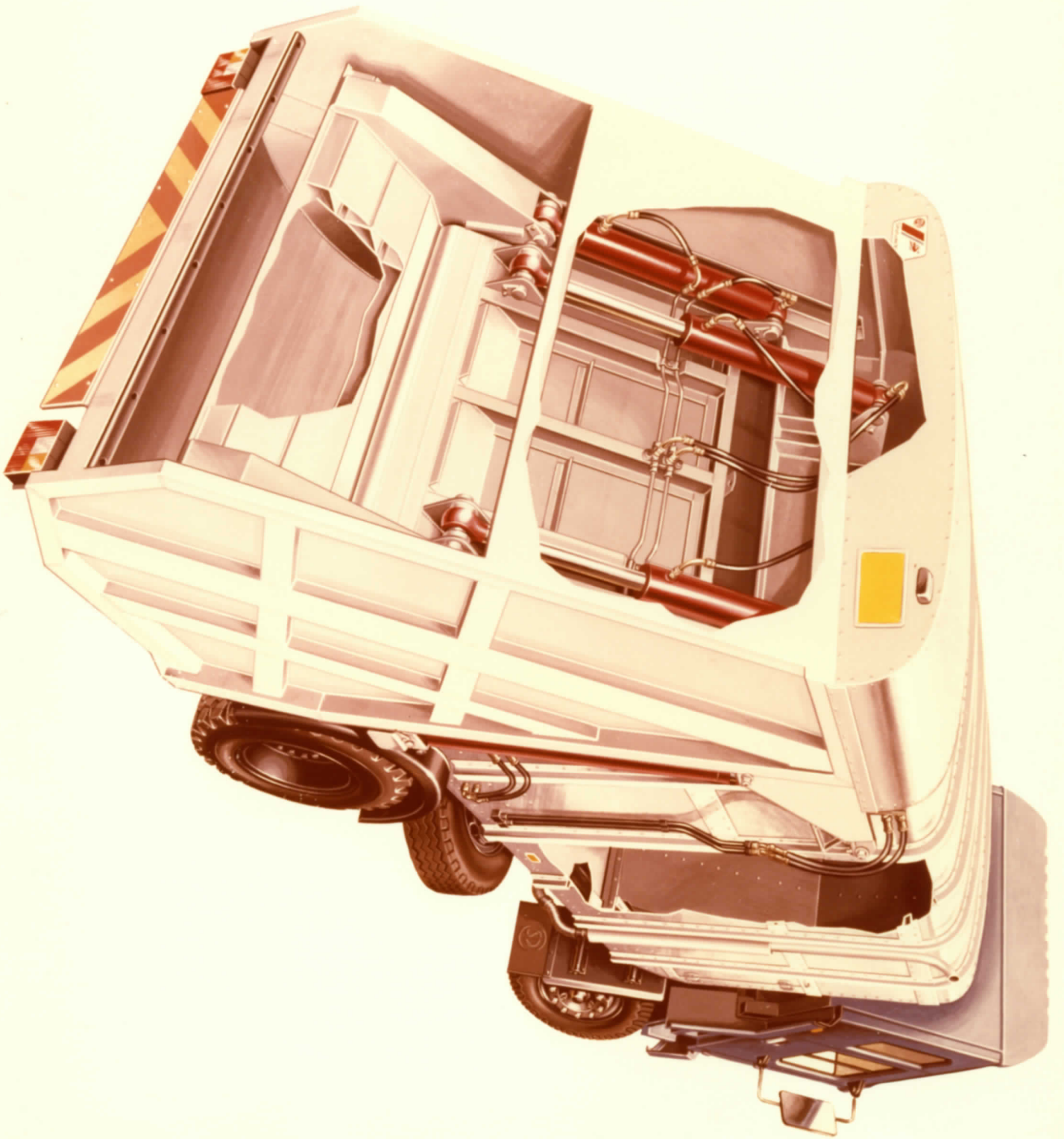
Cycle time 25 seconds  
Engine speed 1200 rpm  
Loading interruption time 13 seconds

		Revopak Intapak	
Tare weight gross	9080	(9040	9320)
f/a	3708	(3390	3360)
r/a	5360	(5595	5960)



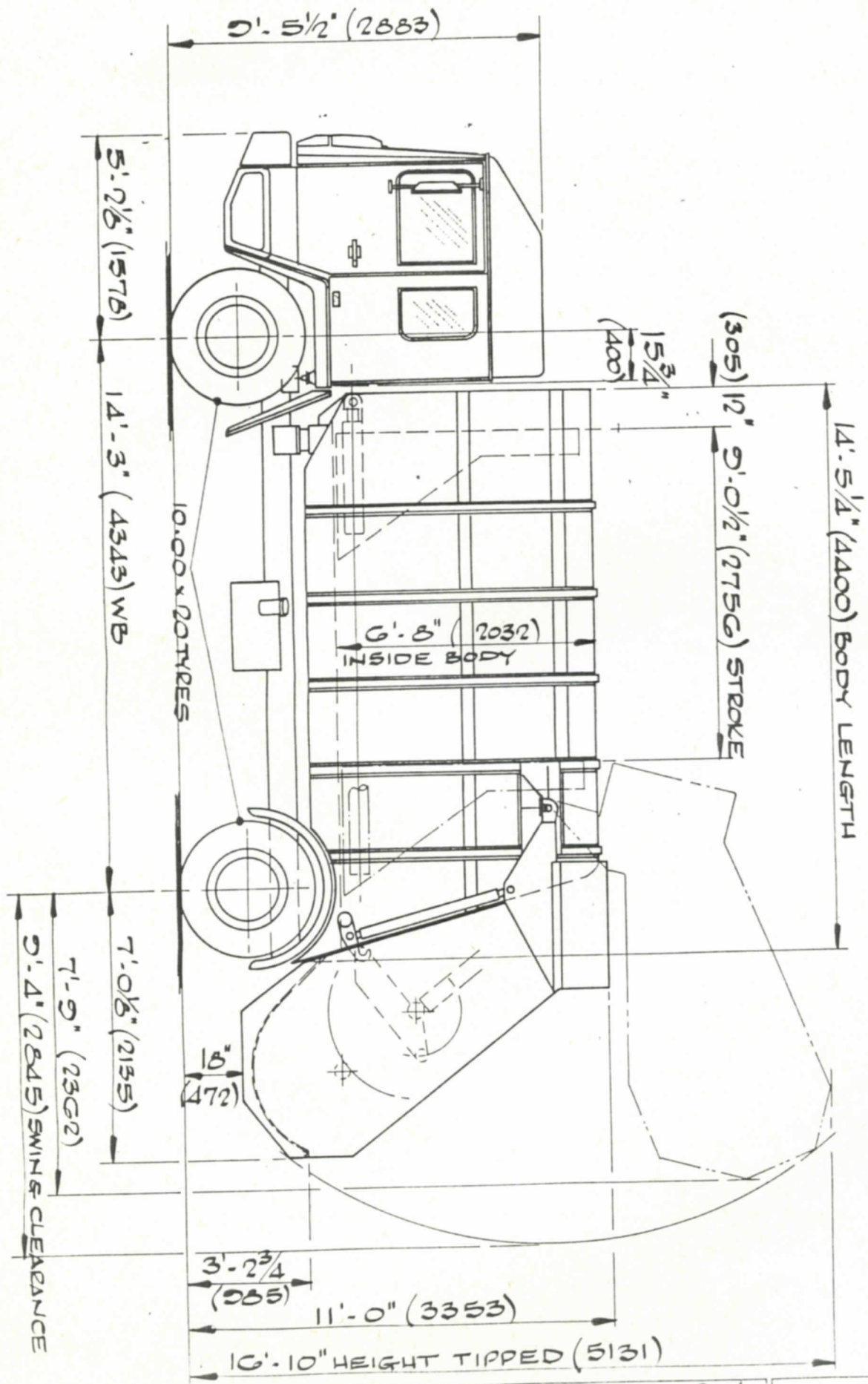
## Shelvoke

SHELVOKE AND DREWRY LIMITED  
LETCHWORTH, HERTS SG6 1EN. TEL: 04626 6555  
A BUTTERFIELD-HARVEY COMPANY





VEHICLE DATA :  
 BODY AIR SPACE - 13CU.YDS (13,7GM<sup>3</sup>)  
 BODY INSIDE WIDTH - 6'-10" (2083)  
 OVERALL WIDTH - 8'-0" (2438)



Shelvoke & Drewry Ltd  
 Letchworth Hertfordshire

PY' CREW CAB - FIXED PAN.  
 13CU.YD (13,7GM<sup>3</sup>) BODY  
 14'-3" (4343) WB.

MOH 951



# MAXIPAK

our **NEW** intermittent loader



## Shelvoke

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