

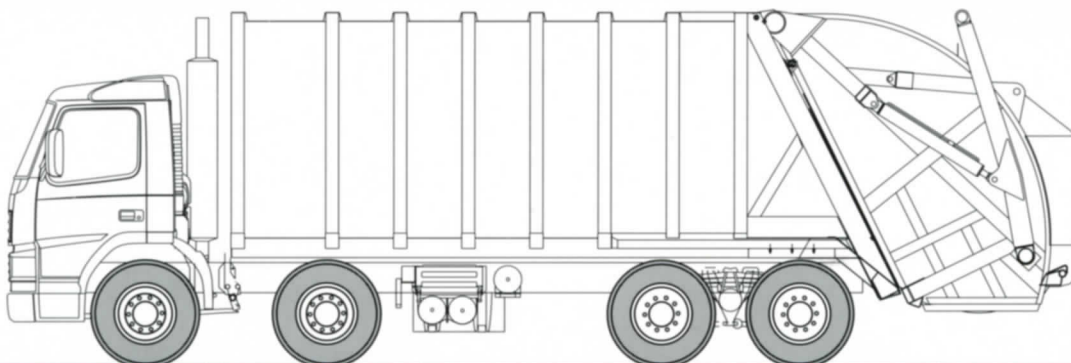
THE BIG BITE



Considered to be the industry standard in RCV design, the Big Bite offers a refuse carrying capacity of 31m³ which, with the large 2.5m³ hopper, facilitates collection of large refuse items and reduces the collection time for each trip by increasing the volume packed in each cycle.



THE BIG BITE



FEATURES & BENEFITS

Feature	Benefit
Market leader. Sole UK manufacturer.	In service in the UK since the early 1970's. Unrivalled reliability and durability offering customer confidence and cost effectiveness.
Manufactured in UK.	Speed of delivery - employing UK labour.
Swing link design.	Compaction efficiency - no wearing slide blocks for low maintenance.
Tailgate requires minimum maintenance.	Easily maintained - cost effective.
Full 2032mm width hopper - 2.5m ³ swept volume.	Able to handle bulky items.
30-40 second cycle time.	Speed of operation - cost effective.
5 tonne rated hoist, electrically controlled.	Facilitating up to 16m ³ skips.
Supplementary HTL hoist available (Trunion lift).	Enabling user to collect containers from 660 ltr up to and including 1100 ltr containers.
Auxiliary bin lift also available.	Versatility in operation enabling operator to collect containers from 120 - 1100 ltr.
8mm abrasion resistant steel Hopper floor.	Durability and long life.
Body floor thickness 5mm.	Durability and long life.
Front of body screened in with mesh.	Protection to personnel from injury when operating ejector and prevents rubbish from collecting in engine area.
Body mount using all flexible components.	Prevents damage to body or chassis components in rough road or driving conditions.
All hydraulic pipes, fittings and fasteners are galvanised before painting.	Prevents rust shortening the life or detracting from the appearance of your unit.
Separate hydraulic cylinders for tailgate locks.	Provide secure and positive latching of tailgate to prevent accidental openings.
Abrasion resistant high tensile steel body.	Prolongs working life.
Unique paint application process.	Rust resistant, more durable paint finish.
In cab controls with independent power take off selection.	Operator safety. No need to leave cab.
Electronically operated dual controls for skip lifting equipment.	Ease and versatility of operation.
Choice of body sizes (27-31m ³).	More choice for operational requirements.
Can be mounted on any suitable 8 wheeled chassis.	Flexibility of chassis choice.
All buttons, relay and switches conform to IP65.	Customer confidence - less electrical problems, less down-time.
Training included in price - fitter and operator.	Customer confidence in operator and fitters.
Heil's world-wide reputation in build and quality.	Customer confidence and knowledge that they are buying the best and most cost effective REL on the market.
Slow depreciation costs.	Used Big Bites are highly sought after and prized!

CONTROLS

Programmable logic controls (PLC) offer simplified control, reliable operation and system conditioning monitoring.

CHASSIS

Can be mounted on suitable 8x4 chassis.

SAFETY FEATURES INCLUDE

Conforms to all CE requirements, interlocked controls when HTL lift is fitted, in-cab eject controls.

OPTIONS:

HTL lift suitable for 660-1100ltr bins. Choice of body sizes 27 & 31 m³. Side and centre jacks available. Auxiliary bin lift for 240-1100 litre on request.



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CONSTRUCTION SPECIFICATIONS	
High tensile steel	Thickness, mm
Body sides ⁽¹⁾	3
Body roof ⁽¹⁾	3
Body floor front ⁽²⁾	3
Body floor rear ⁽²⁾	4.7
Body longmember ⁽¹⁾	4.7
Body crossmembers ⁽²⁾	3
Hopper floor ⁽²⁾	5
Body floor, rear skirt	8
Hopper sides ⁽²⁾	5
Packing blade ⁽¹⁾	4.7
Ejector panel ⁽¹⁾	2.7

(1) 350 N/mm² min

(2) 550 N/mm² min

(3) Abrasion resistant 1150 N/mm² min 360 Brinell min

CHASSIS SELECTION

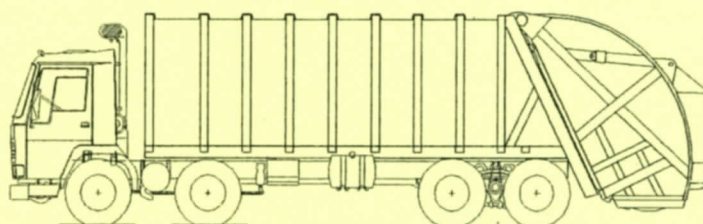
For chassis selection and Mounting information, contact your HEIL Distributor.

HYDRAULIC SPECIFICATION	
PUMP	
Type	High pressure vane
Maximum operating pressure	170 Bar
Litres at working RPM	112 litres/min
OIL RESERVOIR	
Tank capacity	210 litres
Filters	10 micron return line, replaceable 125 micron suction strainer
VALVES	
Shut-off (tank to pump)	Standard
Packing control	Spool type
Ejector and tailgate raise	Spool type

OPERATING CONTROLS ("CE" CERTIFIED)	
Type	Solid state, electric
Packing (1)	Curb side of tailgate
Tailgate raise	Forward off-side of body
Ejector	Forward off-side of body
P.T.O.	Inside cab
Tailgate lower	Rear off-side of body
Engine speed-up	Forward off-side of body
Emergency stop	Both sides
Stop (1)	Curb side of tailgate
Rescue (1)	Curb side of tailgate
Signal buzzer (1)	Curb side of tailgate

(1) Dual packing controls optional

HEIL MARK V HIGH COMPACTION REAR END LOADER



BODY SPECIFICATIONS							
MODEL	CAPACITY m ³	OVERALL LENGTH BODY AND TAILGATE mm	OVERALL LENGTH TAILGATE RAISED mm	OVERALL WIDTH mm	OVERALL HEIGHT TAILGATE LOWERED ⁽¹⁾ mm	OVERALL HEIGHT TAILGATE RAISED ⁽¹⁾ mm	GROSS WEIGHT Approximate Kg
21 M	21	7232	7740	2429	2469	4857	7264
27 M	27	8086	8594	2429	2469	4857	7718
31 M	31	8966	9474	2429	2469	4857	8172

(1) Height from bottom of cross-member

CYLINDERS								
MODEL	TAILGATE RAISE (2)		PACKING BLADE (2) Double Acting		SLIDE (2) Double Acting		SHUR-LOCK (2) Double Acting	
	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE
ALL	100 mm	705 mm	125 mm	768 mm	140 mm	867 mm	63.5 mm	76 mm

EJECTION (1) Double Acting Telescope			
MODEL	STAGE	DIA. LARGEST STAGE	STROKE
21M	4	152	3159
27M	5	178	4274
31M	6	203	4870

All designs, specifications and components are subject to change at the manufacturer's sole discretion at any time without notice. Data published herein is informational in nature and shall not be construed to warrant suitability of the unit for any particular purpose as performance may vary with the conditions encountered. The only warranty applicable is our standard written warranty for this product.

TAILGATE SPECIFICATIONS	
Hopper capacity	
Swept volume	2.43 m ³
EN 1501	1.07 m ³
Hopper loading width	2032 mm
Cycle time	34-38 seconds
Loading sill height	258 mm below bottom of longmember

BIN SIZES

This unit is principally aimed for the commercial market where skips up to 5 tonnes can be handled.

This unit can, with the appropriate hoist fitted, also handle 120 Litre, 240 Litre, 360 Litre and 1100 Litre bins.



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