

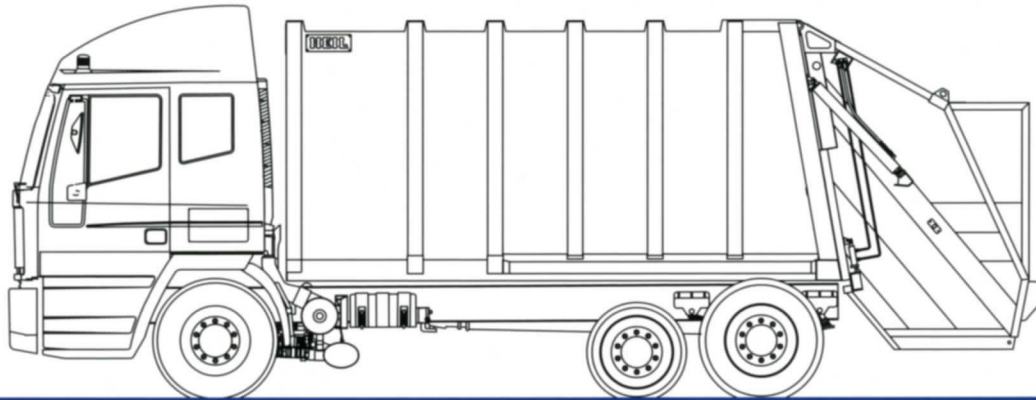
N4100



The N4100, long-established workhorse of the Heil range of RCVs, is available in both narrow and standard widths.



N4100



FEATURES & BENEFITS

Feature	Benefit
Slide block/packer track design.	Low maintenance, less downtime, slide blocks easily replaced.
Narrow and full width models available.	More choice for operational requirements.
Manufactured in UK.	Speed of delivery - employing UK labour.
Tailgate hinge & inner slide pivot greased from outside hopper.	Safe and easy maintenance.
Cylinders have case-hardened rods.	Cylinders' rods less susceptible to damage.
Hardened chrome plated pins and composite bushes.	Easily maintained.
Full width models, 2032mm wide hopper - 1.53m ³ swept volume.	Able to handle bulky objects.
Loading mechanism programmed to work in unison with bin lift.	More efficient - helps prevent spillage with low level auto lifts.
Dual controls available as an option.	Ease of operation.
6mm abrasion resistant steel hopper floor.	Durability.
Body floor 4.7mm high strength steel.	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.
Ejector rollers are replaceable without removing ejector plate.	Ease of serviceability.
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 lock.	Provides secure and positive latching of tailgate to prevent accidental openings.
Heil's world-wide reputation in build and quality.	Unrivalled reliability and performance.
Unique paint application process.	Rust resistant, more durable paint finish.
Electrical control system sealed against water ingress.	Certified IP65.
One year Goldstar warranty supported by Nationwide Network Service.	Minimum downtime, quick response.
Training included in price.	Customer confidence in product knowledge.

CONTROLS

Electrically operated controls for compaction mechanism. All push buttons, relays, and switches are protected to IP65. Simple convenient nearside and off-side control panel incorporating emergency stop buttons.

CHASSIS

The refuse collection body and equipment can be mounted onto any suitable 4 or 6 wheeled chassis of the customer's choice. Front screen as standard.

SAFETY FEATURES

Full CE certification.
Audible tailgate raise warning system.
Amber warning beacons.

OPTIONS

Choice of body size: Narrow - 11, 13, 15, & 17m³
Full width - 15, 18 & 22m³
Auxiliary bin lifts available on request.
Compatible with all bin lift manufacturers.



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CONSTRUCTION SPECIFICATION	
High tensile steel	Thickness, mm
Body sides (1)	3
Body roof (1)	3
Body floor (1)	4.7
Body long member (1)	3.5
Body crossmembers (1)	3
Hopper floor (2)	8
Hopper sides (2)	5
Packing blade (1)	4.7
Ejector panel (1)	2.7

- (1) 550 N/mm²
 (2) Abrasion resistant, 1150 N/mm², 360 Brinell min.

CHASSIS SELECTION

For chassis selection, consult HEIL 4100
 Mounting Manual or consult your HEIL
 Distributor.

BIN SIZES

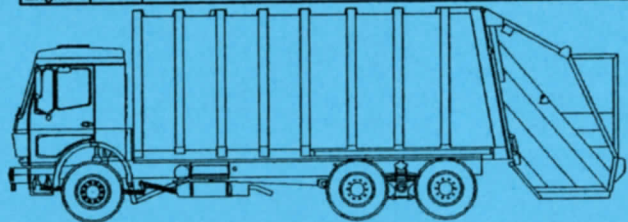
This is totally hoist dependant but covers
 120 Litre, 240 Litre, 360 Litre and 1100 Litre bin sizes.

Other larger bin sizes are possible, again these are hoist and
 tailgate loading width dependant.

HYDRAULIC SPECIFICATION	
PUMP	
Type	High pressure vane
Maximum operating pressure	170 Bar
Litres at working RPM	112 litres/min
OIL RESERVOIR	
Tank capacity 11N - 15	112.5 litres
17N - 26	180 litres
Filters	10 micron, replaceable element 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	Relay logic
Packing	Both sides of tailgate
Emergency stop	Both sides of tailgate
Stop	Both sides of tailgate
Rescue	Both sides of tailgate
Tailgate raise	Forward off-side corner of body
Ejector	Forward off-side corner of body
Tailgate Lower	Rear off-side corner of body
P.T.O.	Inside cab
Signal buzzer switches	Both sides of tailgate
Engine speed-up	Forward off-side corner of body

HEIL 4100 REAR END LOADER STANDARD AND NARROW WIDTHS



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
4100 - 11N	11	5004	5685	2121	2139	3933
4100 - 12	12	5004	5685	2428	2139	4114
4100 - 13N	13	5690	6371	2121	2139	3933
4100 - 15	15	5690	6371	2428	2139	4114
4100 - 17N	17	6350	7631	2121	2241	3857
4100 - 18	18	6350	7031	2428	2139	4114
4100 - 19	19	6350	7031	2428	2241	4038
4100 - 21	21	6902	7583	2428	2241	4038
4100 - 22	22	7062	7743	2428	2241	4038
4100 - 25	25	7702	8383	2428	2241	4038
4100 - 26	26	8039	8720	2428	2241	4038

(1) Height from bottom of logmember

CYLINDERS								
MODEL	TAILGATE RAISE (2)		PACKING BLADE (2) Double Acting		SHIELD (2) Double Acting		SHUR-LOCK (2) Double Acting	
	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE
ALL	85 mm	794 mm	102 mm	550 mm	114 mm*	673 mm	63.5 mm	76 mm

* 127 optional

EJECTION (1) Double Acting Telescope			
MODEL	STAGE	DIA. LARGEST STAGE mm	STROKE mm
4100 - 11N	3	127	2127
4100 - 12	3	127	2127
4100 - 13N	4	152	2781
4100 - 15	4	152	2781
4100 - 17N	4	152	3159
4100 - 18	4	152	3159
4100 - 19	4	152	3159
4100 - 21	5	179	3696
4100 - 22	5	179	3861
4100 - 25	6	203	4490
4100 - 26	6	203	4747

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		
	Standard	Narrow
Hopper capacity		
Swept volume	1.53 m ³	1.31 m ³
EN 1501	1.05 m ³	0.9 m ³
Hopper Loading Width	2032 mm	1727 mm
Cycle time (seconds)	18-22	18.22
Loading sill height, from bottom of longmember		
11N,12,13N,15,18	51 mm above	
17N,19,21,22,25,26	25 mm below	



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