

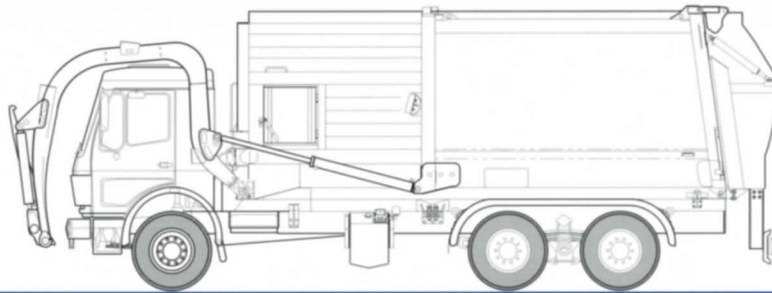
EURO HALF PACK FRONT-END LOADER



Provides operators with a more robust and efficient vehicle than was ever possible before.



EURO HALF PACK FRONT-END LOADER



FEATURES & BENEFITS

Feature	Benefit
Flat hopper body with interlaced subframe.	Longer life and provides a very high level of strength to the parts of the hopper and body that experience high levels of wear.
9m ³ hopper.	Easier discharge of larger containers without spillage.
4mm heavy duty curved body sides.	Stronger in design, looks good, easier to maintain and lasts longer.
3630kg lifting capacity arms.	Best possible bin capacity lift. Lifts all standard containers.
4 arm bearing blocks.	Spreads the load through the forks / arms.
Up/down arm cylinder deceleration valve.	Safe and smooth operation.
In cab controls with PLC function and self-diagnostic module.	Driver friendly. Reliable and easy to operate.
Dual 150mm packing cylinders provide greater packing force.	Increase route productivity and less landfill time.
Fast cycle times.	Greater productivity.
Minimum maintenance body/hopper/tailgate.	Ease of maintenance.
Clamp on arms with single piece inner & outer flanges.	Low maintenance – prevents failures of arm and arm cross shaft due to weld stresses.
Live drive – pack on the move on compatible chassis.	More pickups per day and higher operating efficiency.
Front of body screened in with mesh.	Protection to personnel from injury when operating packing panel and prevents rubbish from collecting in engine area.
Side access door standard.	Ease of maintenance and access to packer panel.
Crushproof tailgate seals 1.5metres high in steel frame.	Environmentally friendly, less susceptible to leakage and damage.
Full mud wings provided with mounted units.	Maintains clean appearance to vehicle & body.
6 micron filter element with environmentally friendly replacement element.	High capacity element provides the cleanest oil in the industry for longer component life.
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.
Extended cab guards.	Prevents spillage on roof, hand jack provide to raise for cab access.
Established design.	HEIL has been building front end loaders for over 20 years and all of our experience has gone into this latest high efficiency low maintenance unit.
3 year Goldstar warranty, backed by nationwide service support.	Peace of mind, customer confidence, minimum downtime and quick response.

SAFETY FEATURES INCLUDE

Cab shield hydraulically raised and lowered.
Tailgate safety props to allow safe cleaning and maintenance.
Front head mesh screen.
Tailgate raise mechanism, arms and forks are all provided with hydraulic failure arrest equipment.
Back-up alarm, tailgate raise warning. Tailgate open warning is standard.

CHASSIS

The refuse collection body and equipment can be mounted onto any suitable 6 or 8 wheeled chassis of the customer's choice.

CONTROLS

Automatic levelling and dumping of containers reduces risk of spillage and damage to unit/containers. Programmable logic control offers simplified control, reliable operation and system condition monitoring. The operator gets operational information from text display inside cabin.

OPTIONS:

Hinged top door arrangement fitted with anti-scatter guards.
Self-levelling and auto tipping with self teach, dual camera system and many other useful aids, and equipment.
Side opening top doors with or without lid openers.
Adjustable width forks.
Choice of body size 22m³ & 25m³.



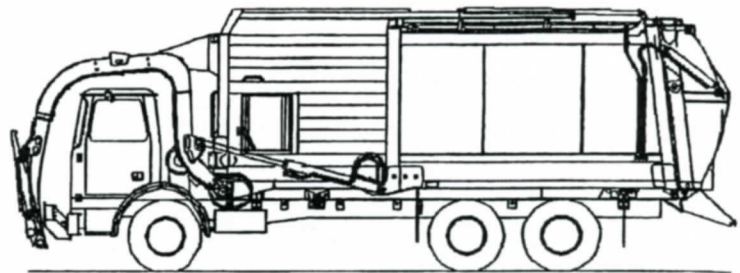
HEIL EUROPE LIMITED

HILLEND INDUSTRIAL PARK, DUNFERMLINE KY11 9ES.
TELEPHONE: +44(0)1383 823 625 FAX: +44(0)1383 824 062
VISIT OUR WEB SITE: www.heileuro.com

CONSTRUCTION SPECIFICATIONS		
HIGH TENSILE STEEL	THICKNESS	
	mm	IMP
Upper Corner Brace ⁽¹⁾	102 x 152 x 3.0	4" x 6" X 11 ga.
Lower Corner Brace ⁽¹⁾	102 x 406 x 3.0	4" X 16" x 11 ga.
Upper hopper sides ⁽²⁾	5.0	3/16 in.
Lower hopper sides ⁽¹⁾	3.0	12 ga.
Lower packing blade face ⁽³⁾	5.0	3/16 in.
Upper half packing blade face ⁽¹⁾	5.0	7 ga.
Packer slide wear bars		
Upper ⁽²⁾	6.4 x 76	1/4 x 3 in.
Lower ⁽²⁾	9.5 x 76	3/8 x 3 in.
Side (2 sets each side) ¹	6.4 x 50.8	1/4 x 2 in.
Packer track wear bars		
Upper ⁽²⁾	6.4 x 63.5	1/4 x 2 1/2 in
Lower ⁽²⁾	6.4 x 88.9	1/4 x 3 1/2 in
Side (2 each side) ⁽²⁾	6.4 x 63.5	1/4 x 2 1/2 in
Hopper floor ⁽³⁾	6.0	1/4 in.
Body floor ⁽³⁾	6.0	1/4 in. ⁽³⁾
Body sides ⁽¹⁾	4.0	8 ga. ⁽¹⁾
Body roof ⁽¹⁾	4.0	8 ga. ⁽¹⁾
Tailgate sides & back sheet ⁽¹⁾	3.0	11 ga. ⁽¹⁾
Under body cross members - formed channels ⁽¹⁾	127.0 x 101.6 x 3.0	5" x 4" 11 ga. ⁽¹⁾
Vertical body corner posts - formed channels ⁽¹⁾	5.0	3/16 in. ⁽¹⁾

(1) 550 N/mm² min yield (80,000 psi)
(2) 1,000 N/mm² min yield S.T.A.R. bar (145,000 psi)
(3) 1,035 N/mm² min yield RQC 321 (150,000 psi)

HYDRAULIC SPECIFICATIONS		
PUMP		
Type	Vane	(Live Drive)
Maximum operating pressure	170 Bar	(2500 psi)
Working RPM	1300 approximate	
Flow at specified cycle time	126 litres/min	(28 imp gallons/min)
Tank capacity	155 Litres (34 imp gallons)	
Filters	100 Mesh re-useable suction screen	
	10 Micron return filter	
VALVES		
Type	6 section stack valve	
	170 Litres @ 170 Bar	
	Relief valve to prevent overload damage	



Euro Half Pack

FRONT LOADER
HEAVY DUTY
FULL EJECT MODEL

Specifications are for sliding top door configuration with standard equipment except where noted.
Optional equipment will alter weights and may affect some dimensions

MODEL	BODY CAPACITY m ³ yd ³	OVERALL LENGTH ^(a) m in	OVERALL WIDTH mm in	OVERALL HEIGHT ABOVE FRAME				SIDE DOOR OPENING ^(b) mm in	HOPPER OPENING mm in	HOPPER CAPACITY m ³ yd ³
				ARMS DOWN (w/o wind shields) ^(c) mm in	ARMS UP ^(c) mm in	ARMS DOWN (w/o wind shields) ^(c) mm in	ARMS UP ^(c) mm in			
EHP STANDARD T/G	21.4 28	10.2 402	2438 96	2730	107 1/2	3080	120 1/2	686x787 27x31	2032x2362 80x93	9.2 12
EHP BUSTLE T/G	24.4 32	10.9 430	2438 96	2730	107 1/2	3080	120 1/2	686x787 27x31	2032x2362 80x93	9.2 12

(a) Arms down, forks up

(b) Sliding top door, varies with door type
Hinged top door 2980 mm (116.5 in)
Side opening top door 2840 mm (112 in)

(c) Sliding top door, varies with door type
Hinged top door 4725 mm (186 in)
Side opening top door 3620 mm (142.5 in)

(d) 0.54 m² 837 in²

BODY SIZE	CYLINDERS															
	PACKER / EJECT				ARM				FORKS		TOP DOOR		TAILGATE			
	2-3 Stage Double Acting Telescopic				2-Double Acting				2-Double Acting		1-Double Acting		Raise 2-Double Acting		Lock 2-Double	
BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	BORE	STROKE	
mm. in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	mm in	
28 Yd ³ & 32 Yd ³	140 5 1/2	4623 182	114 4 1/2	1200 47 1/2	102 4	710 28	64 2 1/2	2286 90	76 3	622 24 1/2	76 3	92 3	5/8			

(a) Sliding top door cylinder

Hinged top door cylinder, Bore 102mm (4 in) Stroke 610mm (24 in)

Side opening top door, 2 each, Bore 50mm (2 in) Stroke 400mm (15 3/4 in)

PERFORMANCE SPECIFICATIONS

Container dump cycle time*	27-30 seconds
Packer cycle time	32-38 seconds
Arms lifting capacity (tested to 16,000 lbs)	3,630 kg (8,000 lbs)
Compaction force	47,727 kg. (105,000 lbs)

* Will vary slightly with top door type

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 is our standard written warranty for this product.



HEIL Europe Ltd

HILLENDO INDUSTRIAL PARK,
DUNFERMLINE,
SCOTLAND KY11 5JT

TEL: 01383 823625
FAX: 01383 824082

A DQVER INDUSTRIES COMPANY

MAXIMUM BIN WIDTH

STANDARD HOPPER	1950 mm
TAPERED HOPPER	2000 mm

These measurements include any external pockets or bracing.