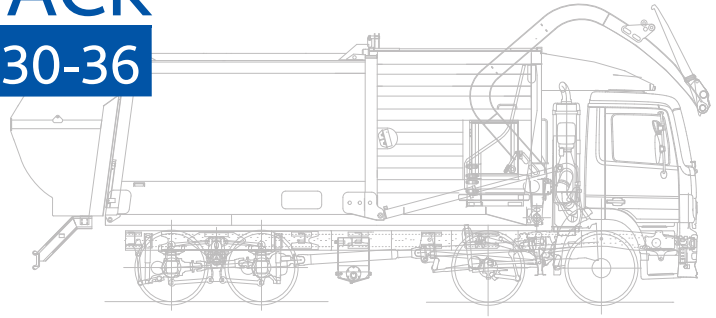


EUROHALF PACK™

FEL 30-36



Key Benefits:

- Speed and flexibility from the market leading Front End Loader
- Ergonomically designed for ease of operation and maintenance
- Designed to handle containers up to 10m³ / 3.63 tonne
- Tried, tested and trusted design
- Suitable for a wide variety of 26 & 32 tonne chassis
- Fully automatic self levelling forks option available
- Compatible with all major Bin Weighing Systems
- Tailgates available in 4 sizes to suit customer requirements
- Various arm and fork requirements to suit customer requirements
- Various top door configurations to suit customer requirements

- Quality
- Reliability
- Durability
- After Sales Care



Quality - Reliability - Durability - After Sales Care



Euro Half Pack - Helping keep our local environment free of refuse whilst doing its bit for the global environment.



Farid Hillend Engineering Limited
Taxi Way, Hillend Industrial Estate, Dunfermline,
Fife KY11 9ES United Kingdom

Tel: +44 (0) 1383 823625
Fax: +44 (0) 1383 824062

salesinfo@hillendeng.com
www.hillendeng.com

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EUROHALF PACK™

FEL 30-36

The Farid Hillend FEL (Euro Half Pack) provides operators with a reliable, robust and efficient vehicle that has the ability to lift up to 3,630kg providing the best bin capacity lifting arms in this class of vehicle. Tried, tested and trusted by large and small operators, the FEL is the market leader throughout Europe.

The FEL is bristling with standard safety features, specified with the benefit of Farid Hillend Engineering's extensive knowledge and experience. The cab shield is hydraulically raised and lowered, tailgate safety props allow safe cleaning and maintenance, the front head mesh screen protects operating personnel and prevents rubbish from collecting in the engine area. 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.

Well known for its ability to handle larger containers without spillage, the eurohalfpack is a fast mover and with its powerful high speed 'pack on the move' facility, achieving more pick-ups per day and keeping efficiency high. Also helping to reduce costs from potential damage, the euro half pack's crush-proof tailgate seal is less susceptible to leakage and therefore friendlier to the environment.

The flat hopper body and interlaced sub-frame is designed for a long hard life with exceptional durability to those parts that experience high levels of wear.

Waste Unloading

Unloading of waste is achieved by conventional tailgate and twin ejection rams operating an ejector plate.



Euro Half Pack with Whalegate



EUROHALF PACK™

FEL 30-36

Options - a full range of options is available, please ask for details. Featured Options:



Roof Access Ladder



Top Door



Fork Weigh System



Comb Lift



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Technical Specification

MAIN FEATURES

- Hopper capacity: 9.2 m³
- Compaction ratio: 6:1
- Compaction system composed of half pack ejection blade running in bright bar channels
- Fully automatic packing cycle controlled by Canbus IFM controls
- Clamp on arms for ease of maintenance
- Ergonomic controls for greater operator comfort
- Body with flat sides made of a steel tubular construction using single hardened steel sheet
- In cab display and diagnostic aid
- Integral tailgate props
- Full crush proof tailgate seal
- One piece cab shield
- Hinged side interlocked access door with steps and grab handle
- Grease points to all moving parts

The following specifications are based on a unit with a sliding top door and standard equipment except where noted. Optional equipment will alter weights and may affect some dimensions.

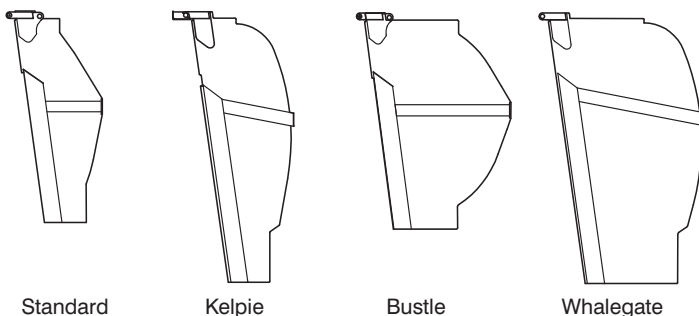
Body / Tailgate Specifications	Standard Tailgate	Kelpie Tailgate	Bustle Tailgate	Whalegate
Body Volume (m ³)	30.6	32.02	33.7	36.45
Overall Length - Arms Down Forks Up (m)	10.2	10.2	10.9	11
Overall Width (mm) - same for all			2438	
Overall Height (above frame) - Arms Down (without wind shields) ^a (mm) - same for all			2730	
Overall Height (above frame) - Arms Up ^b (mm) - same for all			3060	
Hopper Opening (mm) - same for all			2032 x 2362	
Hopper Capacity (m ³) - same for all			9.2	

Performance Specifications

Packer Panel Force - same for all	183 kN per cylinder
Maximum Arm Lifting Capacity (standard lifting arm) (kg) - same for all	3630
Lifting Arm Cycle Time (Seconds) ^c - same for all	15 - 17
Packer Cycle Time (Seconds) - same for all	32 - 38
Container Pump Cycle Time (Seconds) ^d - same for all	27 - 30
Maximum Bin Width ^e (mm)	1950

- Actual figure varies depending on door type fitted; hinged top door 2960 mm and side opening top door 2840mm.
- Actual figure varies depending on door type fitted; hinged top door 4725 mm and side opening top door 3620 mm.
- Actual figure varies depending on door type fitted; hinged op door 18—20 seconds.
- Actual figure varies depending on top door type.
- Standard hopper shown. Tapered hopper 2000 mm. Note, measurements include any external pockets or bracing.

Tailgate Options



Quality - Reliability - Durability - After Sales Care

Technical Specification

Hydraulic Specifications

Pump Type	Vane
Maximum Operating Pressure	170 Bar
Working RPM	1300 approximate
Litres at Working RPM	126 litres/min
Tank Capacity (litres)	155
Filter	100 mesh reusable suction screen 10 μ , return filter
Valve Type	6 section stack valve - 170 litres @ 170 bar relief valve

Cylinder Specifications

Ejector - Double Acting Telescopic

Number of Stages	3
Bore x Stroke	140 x 4623mm

Tailgate Raise - Double Acting

Bore x Stroke	76 x 622 mm
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Tailgate Locks - Double Acting

Bore x Stroke	76 x 92 mm
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Arms - Double Acting

Bore x Stroke	114 x 1200 mm
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Forks - Double Acting

Bore x Stroke	102 x 710 mm
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Top Door - Double Acting^f

Bore x Stroke	64 x 2286 mm
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f. Sliding door shown. Hinged top door 102 x 610mm and side opening top door 50 x 400mm

Plate Specifications

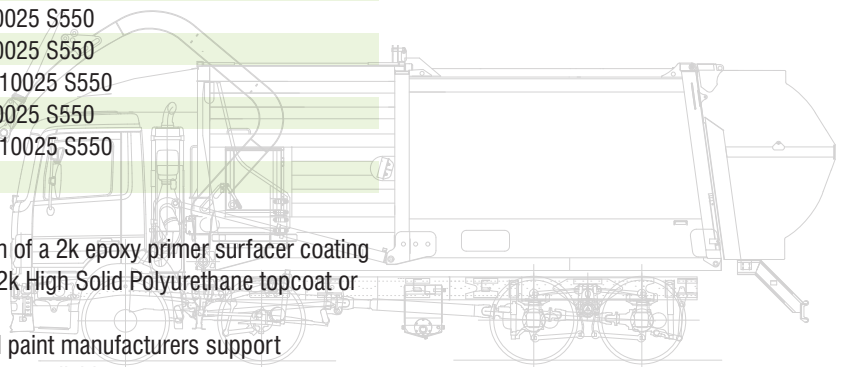
Body Sides - Thickness	4 mm BS EN 10025 S550
Body Floor - Thickness	4.7 mm BS EN 10025 S550
Roof - Thickness	4 mm BS EN 10025 S550
Hopper Floor - Thickness	5 mm BS EN 10025 S550
Hopper Side Walls	4.7 mm BS EN 10025 S550
Tailgate Side Walls	3 mm BS EN 10025 S550
Packer - Material Thickness	4.7 mm BS EN 10025 S550

FINISHING

- Fully chemically pre treated units prior to the application of a 2k epoxy primer surfacer coating
- Finished in a customer specific colour range of either 2k High Solid Polyurethane topcoat or Waterborne based metallic's & clear coats.
- Ultra modern in house colour database & full technical paint manufacturers support
- Vast range of customer livery & printed graphic detailing available

Notes:

1. All Farid Hillend Engineering equipment combinations on your chosen chassis cab variant must be fully qualified and approved for legal compliance by our technical sales department.
2. Our technical sales department will provide an indicative weight calculation and layout drawing for your chosen equipment / chassis combination.
3. The weights and payload data supplied will be calculated in accordance with chassis cab, and, other third party component part manufacturers technical information supplied to our technical sales department.
4. Any indicated engine rpm speed setting figures are dependent on individual chassis cab model derivatives and their respective engine / transmission performance characteristics.
5. All designs, specifications and component parts are subject to change at the manufacturers sole discretion and at any time without prior notice.
6. All weights, payload indications and vehicle dimensions are subject to manufacturing tolerance of $\pm 5\%$.
7. Any payload indications are subject to quoted / example 'waste density' figures, shown in our calculations.
8. Data published herein is for information purposes only and shall not be construed to warrant suitability of the unit for any particular purpose as performance characteristics may vary with the operational conditions encountered.
9. The only warranty is our standard written "Warranty Statement Terms & Conditions" for the brand product at the time of delivery shipment.
10. ©2018 Farid Hillend Engineering Limited. All rights reserved.



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