

Key Benefits:

- Small, compact and very manoeuvrable, an ideal solution where restricted access is a problem and excellent manoeuvrability is required
- Full range of body sizes from 7m³ to 12m³, compatible with all major chassis cabs
- Optional Farid Evolution comb bin lift - Capable of handling all EN standard bins from 120 litres to 1100 litres capacity and food waste caddies or 'slave type' bins
- Hand loading can be achieved by lowering the standard rear drop down rave plate at a moment's notice
- Full compaction ratio: 6:1
- Carriage plate cylinders mounted outside of the hopper area, keeping clear of the refuse loading area
- Ergonomically designed for ease of operation and maintenance
- Compatible with all major weighing systems



Quality - Reliability - Durability - After Sales Care

PowerPack T1 - Helping keep our local environment free of refuse whilst doing its bit for the global environment.



PowerPack T1 (12-16t)

The complete Farid Hillend Engineering T1 Body Series, conventional range of rear end loading and compacting refuse collection vehicles (RCV's) spans a total of 7m³ to 27m³ capacities.

The Farid T1 series body is designed to fit small & medium size, two axle chassis cabs with a range of 10t to 16t GVW, depending on chassis configuration and unladen weight.

Body capacities in the Farid T1 range are:

- Farid T1 S 7m³ - chassis GVW 12t
- Farid T1 S 8m³ - chassis GVW 12t
- Farid T1 S 9m³ - chassis GVW 16t
- Farid T1 S 10m³ - chassis GVW 16t
- Farid T1 H 12m³ - chassis GVW 16t

Waste Unloading

Unloading of waste is achieved by an ejection plate ensuring complete discharge of waste materials collected.



T1

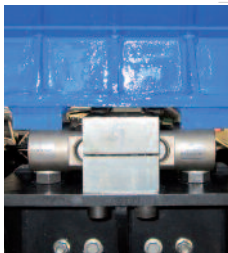


PowerPack T1 Options - a full range of options is available, please ask for details.

Featured Options:



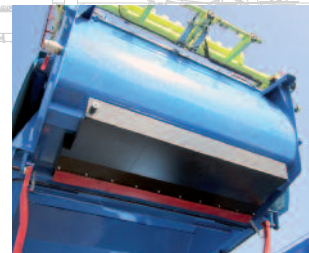
Fire Hydrant Connection



Under Body Weighing Equipment



Roof Mounted Fall Prevention Safety System



Liquid Catchment Tray

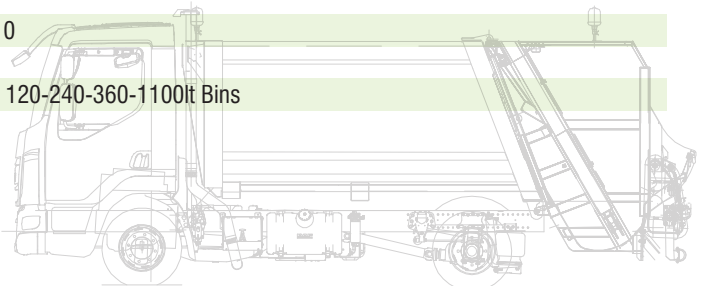
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Technical Specification

Model: T1 Body

		T1S	T1S	T1S	T1S	T1H
Body Capacity	m ³	7	8	9	10	12
Hopper Capacity	m ³	1.3	1.3	1.3	1.3	1.75
Body External Dimensions	Length mm	3000	3350	3650	4100	3,550
	Width mm	2150	2150	2150	2150	2300
	Height mm	1600	1600	1600	1600	2050
Equipment Weight (incl. trade comb lift)	kg	3620	3720	3800	4000	4850
Max Payload (subject to refuse density)	kg	4000	4600	5400	6000	6000
G.V.W.	<kg	12000	12000	16000	16000	16000
Maximum Working Pressure	bar	180	180	180	180	200
Maximum Compacting Ratio		6:1	6:1	6:1	6:1	6:1
Engine Revs During Working Phases	rpm	Low engine revs (speed up controlled by hydraulic services)				
Refuse Loading Speed	m ³ /min	2.7	2.7	2.7	2.7	5.5
Complete Loading Time	sec	20	20	20	20	20
Full Body Unloading Time	sec	40	45	55	70	55
Body Unloading System		By Ejection				
Equipment Working System		Hydraulic				
Compaction Cycles		i Semi-Automatic with Stop at the end of each cycle ii Manual with Electrical Control				
Steel: Hypostressed Structural Components		Fe 360/510				
Mechanical Elements		C 40				
Container Lifting Device (optional)		Comb For 120-240-360-1100lt Bins				



MAIN FEATURES

- Compaction ratio: 6:1
- Compaction system composed by an articulated blade (carriage and packer plate), running into side guides by means of pads
- Carriage plate cylinders mounted out of the hopper, fixed to the lower side of hopper, compaction when pushing
- Compaction cycle electric control (single - continuous - semiautomatic) - synchronized with container lifting device
- Tailgate drainage gate with screw tap
- Flat sided body
- Body drainage gate
- Tailgate safety props
- Rear flap for easy manual loading
- Ejection plate low side seal (optional on all sides)



PowerPack T1 (12-16t)

BODY CONSTRUCTION

- Curved shaped one piece construction, rolled high tensile steel body for high strength and good aesthetic appearance
- Concave shaped body floor to facilitate easy leachate collection and drainage
- Body access door (fully interlocked) with step & grab handles
- Body drainage gate with screw tap

TAILGATE CONSTRUCTION

- Compaction system composed by an articulated blade (carriage and packer plate), running into side guides by means of pads
- Carriage plate cylinders mounted outside of the hopper area, keeping clear of the refuse loading area
- Tailgate drainage gate with screw tap

HYDRAULIC SYSTEM

- Low engine revs (speed up controlled by hydraulic services)
- Double effect ejection plate cylinder
- PTO mounted on the gearbox
- Tailgate raising rams lock safety valves
- Mineral hydraulic oil ISO VG46

ELECTRICAL SYSTEM

- In compliance with UNI EN 1501-1 regulations
- Electrical system with PLC
- Body unloading electric controls (tailgate and ejection plate)
- Electrically controlled counterpressure system
- 2 x white lights for night operation
- 3 x amber rotating beacons
- Engaged reverse speed alarm
- 3 x emergency buttons (2 on tailgate sides + tailgate closing box)
- Safety double button tailgate closing control
- Rescue button
- Compacting cycle automatic stop when opening tailgate rear flap (manual loading)
- Ejection plate safety automatic stop if tailgate is not completely raised
- Tailgate lowering safety automatic stop if ejection plate is fully out of body
- PTO connection safety controls
- PTO engagement/disengagement electrical control
- In cab control box: PTO connection - main switch - light alarms and other control buttons on demand
- 2 x operators-driver buzzers, one on each side of the tailgate
- one automatic compaction cycle with tailgate raised to clean the hopper
- Rear lights repeated on top of the tailgate (parking, stop, direction indicator, reverse, fog lights)
- Rear camera with integrated CanBus Monitor in Cab



Carriage plate cylinders mounted outside the hopper area protected by external cover, easy access for maintenance from the outside of hopper area.

FINISHING

- Fully degreased & primed body finished in two pack water based paint
- Oil reservoir, cylinders, container lift and lid opener finished in Farid light blue
- Lighting in compliance with Construction & Use regulations

BIN LIFTER (optional)

- 120-1100 lt "Comb" Bin Lifter
- Selectable pneumatic control
- Operator shear protection
- Grease points to all moving parts

WASTE UNLOADING

Unloading of waste is achieved by an ejection plate ensuring complete discharge of waste materials collected.

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.
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