

## Key Benefits:

- Suitable for collecting two waste streams in two separate chambers
- Body sizes from 14m<sup>3</sup> to 26m<sup>3</sup> suit all popular chassis configurations
- Available in Standard Width 70/30, 30/70 and 50/50 chamber options
- Available in Narrow Width 70/30 and 30/70 chamber options
- Hopper volumes designed to provide market leading swept volume capacity
- Proven low friction slide block design
- Rear loading options of open back, semi automatic split bar lift and 2/3 chair fully automatic lifts
- Dual independent tailgates to prevent cross contamination

- Quality
- Reliability
- Durability
- After Sales Care



Quality - Reliability - Durability - After Sales Care



**TwinTrak** - 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](mailto:salesinfo@hillendeng.com)  
[www.hillendeng.com](http://www.hillendeng.com)

Jan19 - E&OE

Taking the proven and successful Farid Hillend Engineering Powertrak as a base, with clever new body and tailgate design, the TwinTrak offers technologically advanced, industry-leading body and hopper capacity, ideal for high volume collection of waste or recycling materials.

The TwinTrak is available in both standard and narrow body options. From 14m<sup>3</sup> to 26m<sup>3</sup> Farid Hillend Engineering provides the greatest variant of body size on the market. Extra volume in all body sizes has been 'designed-in' by our experienced specialist engineers to make use of every available millimetre.

It's wide too, with hopper loading widths that are the envy of others. The twintrak is aptly named. Providing added flexibility and economy, the twintrak is designed to accept many types of collection material from different waste streams. The operator can specify 30/70 or 70/30 hopper configurations if there is a preference on which side the hoppers are located.

**Waste Unloading**

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



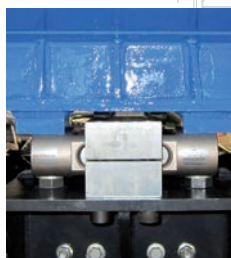
TwinTrak with UniPod



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



Fire Hydrant Connection



Under Body Weighing Equipment



Liquid Catchment Tray



Brush and Shovel Racks



Hand Wash facility



# Technical Specification

## MAIN FEATURES

- Maximised body capacity on all configurations
- 70/30 & 50/50 body combinations available
- Narrow width 30/50
- Dual independent tailgates
- Proven Slide block/packer track design
- Canbus electrical control system, leading edge technology
- Improved Hydraulic filtration high flow 6 micron filter
- Large hopper capacity
- Cylinders have case hardened rods
- 6mm ABR steel hopper floor & 4.7mm body floor
- Front of body screened with mesh
- Body mounted using all flexible components
- Galvanised hydraulic pipes, fittings & fasteners pre-paint
- Separate hydraulic cylinders for tailgate locks
- Unique paint application process
- Certified IP65 rating on electrical components
- DIN mounted hoist frame/open back configuration, standard
- 3-year Goldstar warranty with Nationwide service support

Body Specifications	TT-14N	TT-16	TT-17N	TT-19	TT-21	TT-22	TT-26
Body Volume (m <sup>3</sup> )	14	16	16.13	19	21	22	26
Overall Length - Body and Tailgate (mm)	5766	5784	6444	6444	6996	7156	8132
Overall Length - Tailgate Raised (mm)	6876	6894	7554	7554	8106	8266	9242
Overall Width (mm)	2250	2500	2250	2500	2500	2500	2500
Overall Height - Tailgate Lowered (mm)	2528	2528	2528	2528	2528	2528	2528
Overall Height - Tailgate Raised (mm)	4306	4306	4306	4306	4306	4306	4306
Gross Weight (kg)	8122	8500	8700	9150	9450	9500	9950
Available Configurations	30/50 or 50/30	30/70, 70/30 or 50/50	30/50 or 50/30	30/70, 70/30 or 50/50 - same for TT-21, 2 TT-22 & TT-26			

a. Narrow width vehicle is approximately 88% of the standard vehicle width.

Tailgate Specifications	TG30	TG50	TG70
Swept Capacity (m <sup>3</sup> )	0.82	1.21	1.61
Hopper Loading Width (mm)	728	1075	1423
Cycle Time	18 - 22 seconds		
Loading Height (from bottom of long-member)	112 mm		
Wheelie Bin Capacities (figures are hoist dependant)	120 L, 240 L and 360 L and 1100 L (conforming to EN840)		

Electrical Specifications	In Cab	External-Kerbside	External-Offside
Control Type	Controls "CE" certified, IP-66 rated. PLC based.		
Cab Control Box	✓	✗	✗
Emergency Stop	✓	✓	✓
Auto Control Box	✗	✓	✓
Manual Control Box	✗	✓	✓
Auto Mode Control - RH Tailgate Section	✗	✓	✗
Ejector and Tailgate Raise	✓	✓	✓

Standard ✓ Not Fitted ✗



Quality - Reliability - Durability - After Sales Care

Hydraulic Specifications	TT-14N	TT-16	TT-17N	TT-19	TT-21	TT-22	TT-26
Pump Type	High pressure vane						
Maximum Operating Pressure	210 Bar						
Litres at Working RPM	100 litres/min						
Tank Capacity (litres)	150	300	300	300	300	300	300
Filter	6 $\mu$ , replaceable element						
Valve - Shut-off Tank to Pump	Standard						
Valve - Packing Controls	Spool type						
Valve - Ejector Controls and Tailgate Raise	Spool type						

Cylinder Specifications	TT-14N	TT-16	TT-17N	TT-19	TT-21	TT-22	TT-26
<b>Ejector - Double Acting Telescopic</b>							
Number of Stages	4	4	4	4	5	5	6
Largest Stage Diameter (mm)	115	115	115	115	135	135	135
Stroke (mm)	2686	2686	3060	3060	3703	3855	4550
<b>Tailgate Raise</b>							
Bore x Stroke	85 x 794 mm						
<b>Packing Blade - Double Acting</b>							
Bore x Stroke	102 x 550 mm						
<b>Slide - Double Acting</b>							
Bore x Stroke	114 x 673 mm						
<b>Tailgate Shur-Lock - Double Acting</b>							
Bore x Stroke	63.5 x 76 mm						

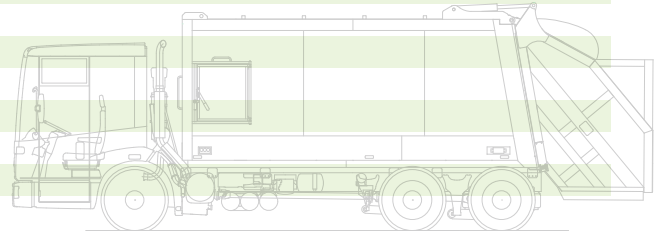


Plate Specifications	
Body Sides - Thickness	3 mm BS EN 10025 S275
Body Floor - Thickness	4.7 mm BS EN 10025 S550
Roof - Thickness	3 mm BS EN 10025 S275
Hopper Floor - Thickness	6 mm FORA 400
Tailgate Side Walls - Compaction Area	5 mm BS EN 10025 S550
Tailgate Side Walls - Other	3 mm BS EN 10025 S550
Ejector - Material Thickness	3 mm BS EN 10025 S275

## 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

## BIN LIFTER

- Compatible with DIN mounted split & trade bin lifts

## WASTE UNLOADING

Unloading of waste is achieved by a conventional 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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