

RECYCLING BODIES





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TERBERG MATEC UK ARE A SUBSIDIARY OF THE TERBERG ENVIRONMENTAL GROUP, WHO ARE THE ENVIRONMENTAL DIVISION OF THE ROYAL TERBERG GROUP, WHICH STARTED AS A VILLAGE FORGE IN THE NETHERLANDS IN 1869.

Proud of its 150-year heritage, the company – which remains family-owned to this day – has a reputation for quality products, outstanding service, and a straightforward, honest approach to business.



MANUFACTURER OF ENVIRONMENTAL EQUIPMENT

Terberg Matec UK are proud of our long-standing position in the UK waste and recycling sector. The commitment to delivering quality products and services to all our customers is as strong today as it was in the beginning.

Part of the global Terberg Environmental Group of companies, our UK facilities based in Warrington (Cheshire) and Worksop (Nottinghamshire) continue to flourish and employ over 150 staff between them.

Our aims remain the same and as the company continues to grow, we have progressively invested in our people ensuring all areas such as, product development and customer care meet the required levels expected of a Terberg company.

Terberg Matec UK manufacture equipment for UK local authorities and private sector contractors. The product portfolio continues to evolve to meet sector requirements and today, the company boasts an extensive range which includes, front line bin lifts, bespoke recycling bodies and dynamic weighing solutions.

Add to this, a range of services that continually demonstrate our commitment to customer care, and you can see why more and more local authorities and commercial waste companies put their trust in Terberg.

BAG IT, BIN IT, SORT IT, BRING IT...

TERBERG SPECIALIST RECYCLING BODIES HAVE IT COVERED

Terberg understands the importance of recycling, as do our customers. The requirement to meet national targets as well as local aims, drive us to innovate through design and ensure we have a product portfolio to meet demand.

From small food caddies to full sized four wheeled trade waste containers, Terberg have a recycling vehicle body solution for every type of household and commercial recycling collection operation.

Terberg's CE/UKCA marked specialist products are carefully designed and manufactured through extensive research and development alongside credible collection scheme knowledge and welcomed customer input.

The result is a wide-ranging versatile family of frontline products; all manufactured in house with brand established quality, robustness, reliability and value for money in mind.

Using the very latest techniques and methods, the widely experienced design team strive to meet fundamental requirements ensuring: food waste is collected and contained without leakage, glass is collected with minimal noise pollution whilst cardboard, paper, cans and plastics are compacted to maximise volume. Every aspect of each build is carefully considered to ensure safety, efficiency and ease of use.

Our revolutionary multi-compartment Kerbloader body lends itself to a sort-at-source scheme whilst commingled dry waste, residual waste and separated food waste can easily be collected by way of a Terberg top discharge food pod combined with a Terberg triple bin lift.

Dedicated food waste collection rounds benefit from a choice of smaller leak-proof plastic bodied utility vehicles, with larger aluminium Toploader bodies suited to heavier duties.

Commercial and communal containers filled with segregated commodities can be collected using Terberg's industry leading multi compartment Toploader, while a single chamber system might better suit a substantial glass collection route.

Of course, every Terberg recycling body tasked with emptying 120ltr-1280ltr containers is seamlessly fitted with a singular or multiple combination of one or two chair bin lifting systems which can be fitted with the Terberg dynamic weighing solution if required.

Bag it? Bin it? Sort it? Bring it?...why not let the experts provide a solution that works for you!



Food Waste



Bio Waste



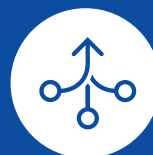
Dry Recyclables



Absorbent Hygiene Products (AHP)



Canine Waste



Multi Material

KERBLOADER®



The Terberg Kerbloader® range is developed specifically for 'segregated at source' kerbside collection of dry recyclables and food waste.

Safe and efficient collection of multiple recyclable waste streams is made possible by the combination of a high-level automated plastic/can press system, various removable stillages, a cardboard press unit and various storage compartments.

The Kerbloader Mini has been specifically developed for those harder to access areas. Offering a compact and highly manoeuvrable solution, the Kerbloader Mini is the perfect fit.



Key Features & Benefits

A comprehensive and specialised range of vehicles specifically developed for the collection and sorting of household recyclables. Offering standard or narrow width options & capable of collecting up to nine different waste streams, Terberg have an option to meet all your requirements.

Key Features:

- Automatic upper deck plastic and can press system.
- Features removable stillages with loading access from both nearside and offside, giving great flexibility and improved collection efficiencies.
- Bespoke design eliminates cross-contamination of segregated materials.
- High strength, low weight upper compaction for reduced CoG to improve vehicle sustainability.
- High speed upper compaction system to reduce cycle times.
- Rear glass discharge to reduce tyre damage.
- Rear door closure from cab with final closure from two handed control station to comply with EN ISO for improved safety.
- Stillages designed to accept food waste, glass and paper recyclable fractions.
- Latest technology 'Plug & Play' components used to ensure reduced risk of vehicle downtime.
- Vehicle height warning signal reducing risk of driving whilst the rear door is raised.
- Simple system isolation eliminates risk of unauthorised operation of the equipment.
- Burst hose protection ensures safety in the event of sudden hydraulic pressure loss.

Technical Specifications

	Kerbloader Urban	Kerbloader Urban Compact	Kerbloader Urban Mini
Application	Segregation at Source	Segregation at Source	Segregation at Source
Volume (cu.m)	37.5	25	15
Payload (kg)	3800	4200	1500
Wheelbase (mm)	5000	4300	3365
GVW (tonne)	12	12	7.5
Overall Length (mm)	9174	8145	6564
Overall Width (mm)	2400	2250	2130
Compartments	9	9	7
Sound Reduction Kit	Option	Option	Option
Underbody Weight	Option	Option	Option
Autolube	Option	Option	Option

PBUV



The Plastic Bodied Utility Vehicle (PBUV) is ideal for the collection of Food Waste, Biowaste, Absorbent Hygiene Products (AHP) and Canine Waste where maximum payload versus body weight is essential.

The PBUV body is constructed from a robust and lightweight Polypropylene material offering excellent payload benefits. Fitted with Terberg's renowned TLL360 bin lift (see page 16-17 for more details) and an optional removable pannier, the PBUV provides the ideal solution for the collection of multiple waste streams.



Key Features & Benefits

- The polymer body construction eliminates the possibility of any corrosion due to chemical attack or coastal sea air and the body of the PBUV is fully recyclable.
- Leakproof, corrosion proof body construction, making it ideal for the collection and transport of biowaste.
- Terberg TLL360 bin lift system capable of safely lifting EN 840-1 conforming containers ranging from 120ltrs to 360ltrs.
- Emergency stop system that meets directive BS EN 13849-1 & BS EN 13850-1 for safety of machinery.
- Controlled and safe lifting cycle, the lifter frame is fully constrained during the entire operation cycle and containers are secured with an uninterruptable clamping mechanism. This, together with a 'damped' start and finish to the lifting cycle and an 'anti-shake' feature offer safety & reduce mechanical fatigue to both containers and equipment.
- Side hatch for hand loading where required.
- Audio/visual alert device fitted to warn the driver when the lifter or body is in the raised position and the park brake is released.
- Tipping body for safe discharge of material.

Technical Specifications

	PBUV 6.5	PBUV 8.5
Application	Food Waste and Multi-task Utility Use	Food Waste and Multi-task Utility Use
Volume (cu.m)	6.0	8.5
Nominal Payload (kg)	600	3200/5000+ (Dependent on chosen chassis GVW)
Wheelbase (mm)	3450	3365
GVW (tonne)	3.5	7.5/10
Overall Length (mm)	5725	5805
Overall Width (mm)	2035	2135
Hand Loading	Yes	Yes
Bin Lift Type	TLL360	TLL360
Containers EN 840-1	120ltrs – 360ltrs	120ltrs – 360ltrs
Pannier Trough	Option	Option
TMDW	Option	Option
Underbody Weighing	Option	Option
Autolube	Option	Option
Handwash	Option	Option
CCTV	Option	Option

ORUS



Complementing the full range of RRV's from Terberg, the Orus has been specifically developed for the most efficient methods of collecting surplus food for recycling.

The innovative and dedicated rear loading pannier that allows for unhindered hand loading or the use of a portable bin without any delay or interruption to the collection service ensures the fastest loading times can be achieved.

Coupled with a leakproof and smooth sided body and an impressive tip angle, the efficient emptying into another container or over a wall or even on the ground is ensured.

This compact food collector delivers a big performance with the ability to pick up a range of 2 and 4 wheeled bins.

Key Features & Benefits

- Designed to collect multiple waste streams.
- Sealed & leakproof body construction.
- Low maintenance.
- Compact design giving greater manoeuvrability.
- Rear mounted bin lift system capable of lifting EN conforming containers ranging from 120Ltr - 1280Ltr.
- Rear Hand Loading Pannier.
- LED work lights illuminating the working area.
- 12 months OEM warranty.



Technical Specifications

Range	Orus 5	Orus 6	Orus 7	Orus 7 Twin	Orus 7 Twin	Orus 7HD	Orus 11	Orus 14
Volume (c um)	5.5	6	7	2.1 + 4.9	3.5 + 3.5	7	11	14
Tip Capacity (t)	2	3	3	1.5 + 1.5	1.5 + 1.5	4.5	6	8
Chassis GVW (t)	3.5-5	7.5	7.5	7.5	7.5	10-12	12-14	14-16

Sealed Body	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Compartments	1	1	1	2	2	1	1	1
Compaction	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bin Lift	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Containers (L)	120-1280	120-1280	120-1280	120-1280	120-360	120-1280	120-1280	120-1280
Lift Capacity (kgs)	400	500	500	500	500	500	500	500
Fixed Pannier	No	Option	Option	No	No	Option	Option	Option
Electric Variant	Option	Option	Option	Option	Option	Option	Option	Option

ABTL



Terberg Matec's ABTL (Aluminium Bodied Toploader) range of 'Bring Scheme' multi material collection vehicles, is the ideal choice for Biowaste, food waste and glass collections.

The ABTL range offers solutions that segregate, and keep segregated, recyclables at the source to provide you with high purity material streams that require no further processing following collection and safe transportation.

The extensive product ABTL portfolio represents an excellent selection of base models with various options that allow you to customise the product to provide a tailored solution to achieve your operational objectives.

The aluminium body construction ensures excellent payloads are achieved and with fully welded seams and anti-corrosive properties, the ABTL has all the attributes required for the collection and transportation of wet materials.

Key Features & Benefits

- Lightweight aluminium plank construction to maximise payload.
- Sealed doors and seam welded body to prevent leakage.
- Operator health and safety assured thanks to a fully controlled tip cycle, certified E-stops in compliance with BS EN 13849 and BS EN 13850.
- Manual or air powered rear door lock, hydraulic safety valves, powered internal door locks and ergonomic in-cab controls.
- Standard TLL1280 or TLL360 lifts for robust and safe operation.
- Turnkey integrated body and lift design.
- Optional integrated weighing solution.

Technical Specifications

Application	Food/Glass/ABP	Food/Glass/ABP
Volume (cu.m)	20 - 28	28 - 30
Nominal Payload (kg)	7400	12500
Wheelbase (mm)	4150	4600
GVW (tonne)	18	26
Overall Length (mm)	7583	9442
Overall Width (mm)	2550	2550
Hand Loading	No	No
Bin Lift Type	TLL1280 and/or TLL360	TLL1280 and/or TLL360
No. of Lift	1 or 2	1 or 2
No. of Compartments	1 or 2	1 or 2
Containers	EN840-1,2 & 3 140L – 1280L	EN840-1,2 & 3 140L – 1280L
Pannier Trough	No	No
TW&ID	Option	Option
Underbody Weighing	Option	Option
Autolube	Option	Option
Handwash	Option	Option
CCTV	Option	Option

TOPLOADER®



The Terberg Toploader® range offers multi-material collection vehicles that allow no further processing at recycling centres following segregated collection at the source.

Toploader® represent an excellent selection of base models with various options that allow you to carry low, high or mixed density materials. The Toploader® can be tailored to help you achieve your objectives.

Key Features & Benefits

- Up to six individual body compartments and additional storage options available.
- TLL360 and/or TLL1280 side/rear lift options to facilitate collection of 2 and 4 wheel containers.
- Operator health and safety assured thanks to a fully controlled tip cycle, certified E-stops in compliance with BS EN 13849 and BS EN 13850.
- Powered rear doors, hydraulic safety valves, powered internal door locks and ergonomic in-cab controls.
- Help and advice on proposed, new and existing UK and European legislation. All vehicles and equipment are fully compliant with all current regulations.

Technical Specifications

- The Toploader® range is available in multiple sizes ranging from, the 25m³ to 32m³.
- Allowing you to meet the needs of your waste collection, with up to six optionally adjustable compartments offering a total of up to 32 cubic metres of volume dependant on vehicle specification.
- Varying options to suit multiple chassis configurations ranging from narrow 4x2 variants through to full width 6x2 versions.
- The Toploader® 32m³ provides a generous body capacity suited to high volumes of mixed materials.
- All Toploader® options come complete with inherent safety devices and robust build expected from a Terberg product.

	Toploader 25	Toploader 28	Toploader 32
Application	Bring Scheme	Bring Scheme	Bring Scheme
Volume (cu.m)	up to 25	up to 28	up to 32
No. of Lifts	1-2	1-3	1-3
Nominal Payload (kg)	8360	9930	10,060
Wheelbase (mm)	4300-5600	4600-5700	4600-5850
GVW (tonne)	18-26	23-26	26
Config	4x2	6x2	6x2
Overall Length (mm)	7280-8698	8380-9620	8909-9450
Overall Width (mm)	2300-2550	2550	2550
Compartments	1-4	1-6	1-6
Fixed Doors	Option	Option	Option
Adj. Doors	Option	Option	Option
Sound Reduction Kit	Option	Option	Option
TW&ID	Option	Option	Option
Underbody Weighing	Option	Option	Option
Autolube	Option	Option	Option
CCTV	Option	Option	Option

TLL



The TLL bin lift range provides a practical solution to installing container collection functionality to existing and new recycling collection bodies.

Suitable for side & rear loading applications, the TLL360 and TLL1280 offer robust build & safe operation synonymous with the Terberg brand. Both lifters are configured with extensive efficiency saving & safety enhancing features.

Key Features & Benefits

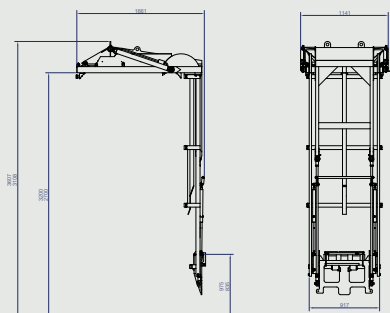
- Operator health and safety assured thanks to a fully controlled tip cycle, certified E-stops in compliance with BS EN 13849 and BS EN 13850.
- 'Plug & Play' electro-hydraulic components.
- Fixed two-handed control station for increased operator safety.
- Available in several height options for side mounted and rear mounted applications.
- Controlled and safe lifting cycle throughout operation.
- Incorporated 'anti-shake' feature.
- Flexible 'bolt-on' lifting solution capable of lifting EN compliant containers ranging from 120ltrs to 1280ltrs.
- 'Lifter raised' warning for when the park brake is released.
- Compatible with Terberg dynamic weighing and RFID systems.
- Smooth operation designed to minimise 'bin bounce' and provide accurate data recording.

Technical Specifications

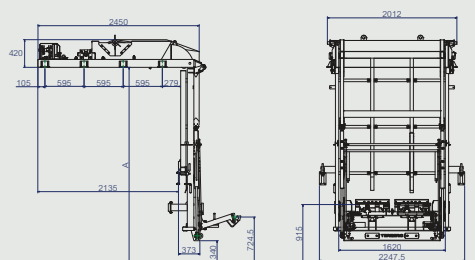
	TLL360	TLL1280
Application	Recycling, Food Waste and ABP Bodies	Recycling, Food Waste and ABP Bodies
Auto Gather	N/A	Option
4-wheel Container Recognition	N/A	Option
Terberg W & ID Prep	Option	Option
Terberg Certified Weighing	Option	Option
Terberg RFID System	Option	Option
Containers	EN840.1	EN840.1, EN840.2, EN840.3
DIN Arms	N/A	Option
Floor to Platform Height (mm)	2700-3200	3000, 3250 and 3500
Lifting Capacity (kg)	150	500
Weight (kg)	335	1035
Power Source	Hydraulic/Electric	Hydraulic/Electric
Ingress Protection Rating	Controls IP65, Electrics IP67	Controls IP65, Electrics IP67
Hydraulic Requirement (min/max)	12.5-15l/min. 100 Bar	25-32l/min. 200 Bar
Cycle Time (approx)	24 Seconds	24 Seconds (trade) 17 Seconds (domestic)
Noise Level	<65 db(A)	<65 db(A)
Safety	CE/UKCA Machinery Directive & EN1501-5	CE/UKCA Machinery Directive & EN1501-5

Dimensions

TLL360



TLL1280



AFTER-SALES - SERVICE YOU CAN TRUST



We at Terberg Matec UK understand the importance of aftersales support. Whilst we have the upmost confidence in the quality and reliability of our products, we know that there will be times when our customers will call upon us for technical support and it is our aim to ensure we provide the highest levels of care.

The dedicated and vastly experienced after-sales team strive to provide an unrivalled level of service. We pride ourselves on listening to our customers' and prioritising their needs whilst at the same time, working in conjunction with the core values of our business, such as 'integrity' and 'customer focus'.

The Terberg Matec UK service provision encompasses all aspects of the Terberg product portfolio including, bin lifts, integrated dynamic weighing and our full range of specialist recycling bodies.

For more information on any aspect of the Terberg Matec UK aftersales function, please contact the Terberg Service Department on **01925 283905 (Option 2)** or e-mail **service@terberg.co.uk**

Central Service Hub

The Central Service Hub is the heartbeat of the aftersales operation. With over 100 years of experience within the department, this dedicated team of professionals aim to enhance our customers' experience by positioning their needs as our priority.

The company invests heavily in ensuring we keep the bar high in terms of performance. A state-of-the-art software package allows for real time analysis allowing us to geographically map field-based engineers to ensure our customers receive the quickest possible response time.

The central hub also houses a dedicated team of technical specialists, offering remote support to all customers. All specialists are fully qualified and experienced engineers and have an excellent success rate for both remote diagnosis and repairs.

The exciting emergence of remote desktop diagnostics through "Terberg Connect" is providing a platform for the future. This market leading technology has been developed in-house to support and improve our

customers' experience. The added value option of Terberg Connect allows our specialists to access Terberg bin lift & weighing equipment from their work stations through a secure network. Terberg Connect provides a platform to assist reactively with remote diagnostic support and repairs. This innovative connectivity uses live data analysis, minimising vehicle downtime whilst increasing performance.

Field Service

Fully supported by the Central Hub, Terberg Matec UK have 15 highly skilled Field Service Engineers strategically placed throughout the UK.

Each engineer is equipped with a fully stocked technical support vehicle and has access to specialist tooling and software. This means that, not only can we achieve rapid response times, we can arrive on site with the correct parts to ensure we carry out a quick fix.

On top of this, by investing in state-of-the-art technology, Terberg Matec UK have adopted a paper free field service operation, thus ensuring we are doing everything possible to support the environment.

Genuine Spare Parts

The Terberg Matec UK Spare Parts departments hold and manage stock levels of over 10,000 easily identifiable parts, with minimum stock levels regularly monitored allowing for an excellent first-time fill rate on all orders.

We have the ability to supply parts quickly and efficiently ensuring our customers and field-based engineers receive replacement parts swiftly to ensure a quick repair is achievable. All Terberg genuine parts are guaranteed against manufacturing defects for a minimum of 12 months.

Furthermore, Terberg are pleased to be able to offer tailored spare parts Imprest stores where deemed appropriate. These stores are managed and replenished as and when parts are used and are audited on a quarterly basis to ensure the correct stock holding for the operation is always available.

Workshop

Terberg Matec UK have two fully equipped repair centres which are ideally located for all of customer's needs.

Our workshops are 100% capable of dealing with whatever our client base requires be it servicing, maintenance, accident damage and even complete refurbishments.

Our facilities include dedicated service bays, on-site parts warehouses, and spray booths for the perfect finish.

Most importantly the teams consist of highly experienced, dedicated, and skilled individuals committed to providing the best product and after-sales support in the sector.

Training

Terberg Matec UK invests heavily in ensuring that all our customers training needs are fulfilled. Our structured approach to maintaining and developing specific product training courses ensures that all Terberg customers receive full and detailed training to ensure safe operation of all Terberg equipment.

As well as operator and 'train the trainer' courses, Terberg also offer full technical training courses for workshops and engineers.

All training is certified and delivered by a fully qualified Terberg instructor. Whatever the requirement, Terberg have a training option available.

Level 1 - Operator Training. Aimed at equipment operators and workshop engineers.

Level 2 - Train The Trainer training. Directed at operators who will be training their own operatives on behalf of the manufacturer.

Product Technical Training - Designed specifically for technical engineers.

For more information on any aspect of the Terberg Matec UK aftersales function, please contact the Terberg Service Department on **01925 283905 (Option 2)** or e-mail **service@terberg.co.uk**

TERBERG'S CONNECTED SERVICES



Enhancing Performance...

Terberg Matec UK is committed to delivering excellent aftersales support. Our industry leading service provision is entirely focused on ensuring our customers have the best possible experience when choosing a Terberg product.

To achieve our aims in delivering an aftersales care package that is both unrivalled and expected by our customers, the Terberg Group continue to invest heavily in the latest available innovations and expertise.

Introducing TERBERG CONNECTED SERVICES - a progressive technology platform which allows remote

connectivity to Terberg Bin Lift and Dynamic Weighing equipment in order to assist with diagnosis and remote repair where possible.

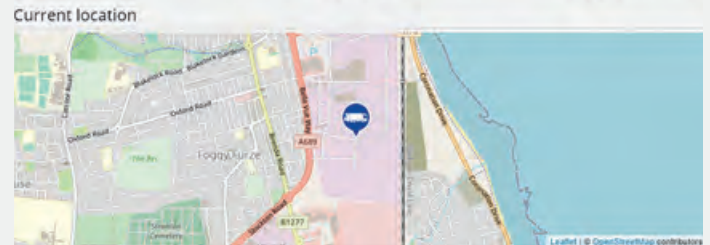
The solution is managed and supported by the dedicated Terberg Matec UK Central Service Hub with fully trained Terberg Service Engineers ready to assist as and when required.

Linked to a web based interface, our customers will have personalised access to information and data on all connected Terberg products thus ensuring full visibility of all aspects of the equipment.

ADVANCED TECHNOLOGY OPTIMISING SERVICE PERFORMANCE

Key Features

- Remote Desk Top Technology - Terberg technical specialists in real time will be able to access connected equipment to both diagnose and effect repairs where possible.
- Customer Portal – A secure platform for customers to be able to monitor bin lift performance and activity data, including live vehicle positioning – Access and induction training are included to optimise this feature.
- Environmentally Friendly Solution – Following the Terberg Group sustainability policy, this innovative solution will reduce the carbon footprint, by lowering emissions where remote assistance is effective and there is no need for engineer dispatch.
- Connected to Terberg Dynamic Weighing Systems – Providing accurate and formulated data for weighing and RFID solutions with an exportable historic reporting option.



Benefits

- Potential to dramatically reduce vehicle downtime.
- Reduced labour rate where remote service is used.
- Reduced labour rate maintained if a fully qualified Terberg engineer has to be deployed.
- Incentivised spare parts offers.
- Enhanced self-warranty agreements.

Connected Services by Terberg

For more information about Terberg Connect or any other Terberg aftersales related topic, please contact the team at Terberg via either of the following. **01925 283905 (Option 2)** or **service@terberg.co.uk**

Recycling Vehicle Manufacturing: Terberg Matec UK. Highgrounds Road, Worksop S80 3AT
Bin Lift Solutions: Terberg Matec UK. 50 Melford Court, Kingswood Grange, Warrington, Cheshire WA1 4RZ

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