Bywaters
recycling made easy

Equipment Specification Sheets

DMR Wheelie Bins

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Bywaters provides a dry mixed recycling service, ensuring that your dry mixed recyclables (DMR) are sent to our state-of-the-art material recycling facility and repurposed into new products. Our range of orange wheelie bins, available in sizes of 240 litres, 770 litres, and 1100 litres, are designed for effortless manoeuvrability and crafted from durable materials to ensure long-lasting use.

Specifications

Product	240 L Bin	770 L Bin	1100 L Bin
Width	57.7 cm	137 cm	137.5 cm
Length	71.5 cm	78.4 cm	108.7 cm
Height	106.2 cm	135.5 cm	133 cm

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WFI Wheelie Bins

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At Bywaters, we ensure your waste is converted to energy by providing you with blue wheelie bins for waste for incineration (WFI) in three sizes: 240 litres, 770 litres, and 1100 litres. The bins are designed to be easy to move and are made from durable materials to last for a long time.

Specifications

Product	240 L Bin	770 L Bin	1100 L Bin
Width	57.7 cm	137 cm	137.5 cm
Length	71.5 cm	78.4 cm	108.5 cm
Height	106.2 cm	135.5 cm	133 cm

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Galvanised Wheelie Bins

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Bywaters offers galvanised wheelie bins for all types of waste. Our galvanised bins come in two sizes: 770 litres, and 1100 litres. They are designed to be easy to manoeuvre and can withstand the elements, making them suitable for most locations. We also ensure that your waste is repurposed into something useful.

Specifications

Product	770 L Bin	1100 L Bin
Width	137 cm	137.5 cm
Length	78.4 cm	108.5 cm
Height	135.5 cm	133 cm

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Plastic Wheelie Bins

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Bywaters provides plastic wheelie bins for all types of waste, ensuring that your rubbish is repurposed to benefit the planet. Our plastic wheelie bins are available in three sizes: 240 litres, 770 litres, and 1100 litres. Designed for easy manoeuvrability and built to withstand the elements, they are suitable for various locations.

Specifications

Product	240 L Bin	770 L Bin	1100 L Bin
Width	57.7 cm	137 cm	137.5 cm
Length	71.5 cm	78.4 cm	108.5 cm
Height	106.2 cm	135.5 cm	133 cm

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Food Containers

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Bywaters offers a sustainable food recycling service that sends your waste to an anaerobic digestion plant, converting your food waste into energy and high-quality fertiliser. Our durable, clean, and purpose-built food waste wheelie bins are available in two sizes: 120 litres and 240 litres.

Specifications

Product	120 L Bin	240 L Bin
Width	48 cm	57.7 cm
Length	54.3 cm	71.5 cm
Height	92.7 cm	106.2 cm

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Coffee Ground Containers

Bywaters recycles coffee grounds - We offer 120 litre bins as part of this service. After collection, our partners can then turn your leftover coffee grounds into useful products, such as soil improvers and coffee logs.

Specifications

Product	120 L Bin
Width	48 cm
Length	54.3 cm
Height	92.7 cm

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Glass Containers

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Bywaters offers a sustainable glass recycling service that recycles up to 100% of your glass. Our 240 litre bins for glass are durable and prevent leaks and pests from your facility.

Please note: Ceramics cannot be accepted in this waste stream.

Specifications

Product	240 L Bin
Width	58 cm
Length	76 cm
Height	107.5 cm

Confidential Containers

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Bywaters is pleased to offer secure containers for your confidential waste. Our bagless system ensures that your documents are shredded securely and efficiently at our material recovery facility (MRF). We work towards BS EN 15713 standards, which guarantees the highest level of confidentiality. We have three sizes of secure waste containers: 120 litres, 240 litres, and 660 litres.

We also provide confidential sacks, with secure ties provided if necessary. They can hold up to 23 kg.

Collections for the destruction of other items containing confidential data, such as DVDs, can be made if required.

Specifications

Product	Confi. Sack	120 L Bin	240 L Bin	660 L Bin
Width	50 cm	42 cm	58 cm	122 cm
Length		44 cm	76 cm	74 cm
Height	90 cm	101 cm	108 cm	122 cm

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Battery Containers

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Bywaters offers effective and sustainable solutions to recycling batteries with the battery caddy and tube. These containers are specially designed for a service that is key to improving recycling rates, as well as to reduce the risk of improper disposal and battery fires.

Specifications

Product	10 L Caddy	10 L Battery Tube
Width	24 cm	24 cm
Length	28 cm	24 cm
Height	30 cm	40 cm

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WEEE Box

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Bywaters offers collection and recycling of your waste electrical and electronic equipment (WEEE). Our 600-litre WEEE box allows storage for different types of WEEE, ensuring safe storage in compliance with hazardous waste regulations and the WEEE Directive.

Specifications

Product	WEEE Box
Width	120 cm
Length	100 cm
Height	74 cm
Capacity	600 litres

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Fluorescent Tube Station

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Bywaters offers fluorescent tube stations for recycling of all types and sizes of fluorescent tubes and lamps up to 6 feet in length.

Our fluorescent tube station allows whole fluorescent tubes to be stored safely on site in line with hazardous waste regulations. These containers can be conveniently stacked, minimising storage space.

Specifications

Product	Fluorescent Tube Station
Width	184.5 cm
Length	24.5 cm
Height	24.5 cm
Capacity	100

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Internal Containers

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Bywaters provides a variety of contemporary containers in different shapes and sizes to help you manage your waste. These bins can also come with different signage options, enhancing the appearance of your office.

Essential Bin

U Bin

Combi Bin

Contemporary Bin

Specifications

Product	Width	Length	Height
Essential Bin	28 cm	40 cm	70 cm
U Bin	33 cm	50 cm	81 cm
Combi Bin	60 cm	40 cm	82.5 cm
Contemporary Bin	54 cm	39.7 cm	100 cm

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Eco Cup Bin

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At Bywaters, we offer a coffee cup recycling service. Coffee cups are often made of mixed materials, including insulating plastic, which makes them difficult to recycle. We send your coffee cups to a partner mill for reprocessing, using our specialised coffee cup bin that stacks cups and contains a reservoir for liquids.

Specifications

Product	Width	Length	Height
Eco Cup Bin	59 cm	47 cm	98.4 cm

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REL Skips

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Bywaters offers REL containers for dry recyclables and residual waste.

REL containers are easily loaded through waist-height rear doors. They also have Duraflex lidded and front access. Those containers with Duraflex lids are Lockable. Bywaters empties REL containers on your site so you are never without your container for more than a few moments.

Specifications

Product	8 cu yd (6.1 cu m)	12 cu yd (9.2 cu m)	16 cu yd (12.2 cu m)
Height	1.74 m	1.96 m	2.2 m
Width	1.84 m	1.84 m	1.84 m
Length	3.05 m	4.05 m	4.58 m
Tipping Height	4.27 m	5.03 m	5.42 m

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Skips

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Bywaters can provide a range of open skips from 4 to 12 cubic yards (3.1 to 9.2 cubic metres) in capacity, which are suitable for all types of waste.

If the container is to be placed on the roads, a permit will be required from the appropriate local authority.

Specifications

Product	4 cu yd (3.1 cu m)	6 cu yd (4.6 cu m)	8 cu yd (6.1 cu m)	12 cu yd (9.2 cu m)
Length	2.36 m	3.10 m	4.02 m	4.02 m
Height	0.88 m	1.20 m	1.23 m	1.60 m
Width	1.98 m	1.94 m	1.98 m	1.90 m

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Crane Lifting Skips

Bywaters
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Bywaters can provide 8 cubic yard crane lifting skips, which are suitable for all classes of non-hazardous waste, especially construction waste.

These crane liftable skips have been specially adapted for use on construction sites. Here are some of its features:

- Strengthened corners with purpose made lifting lugs.
- Suitably sized shackles for most types of chain hooks.
- Tested with a safe working load of up to 5 tonnes.
- Certified with an ID number.
- Successfully operated on Canary Wharf sites.

Specifications

Product	8 cu yd (6.1 cu m)
Length	3.66 m
Height	1.22 m
Width	1.91 m

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Rollonoff

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Bywaters can provide a range of open containers (roll on, roll off) in the following sizes: 15, 30 and 40 cubic yards.

The 15 cubic yard container is particularly appropriate for heavy loads as it has low sides for ease of loading.

The larger containers are walk-in.

Specifications

Product	15 cu yd (11.5 cu m)	30 cu yd (23 cu m)	40 cu yd (30.6 cu m)
Length	6.3 m	6.3 m	6.3 m
Height over sides	1.12 m	1.94 m	2.52 m
Width	2.44 m	2.44 m	2.44 m
Travelling height (vehicle and container)	3.20 m	3.86 m	4.07 m
Maximum height (loading and unloading)	4.37 m	4.42 m	4.93 m

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Enclosed

Bywaters can provide a range of containers in the following sizes: 20 cubic yards (15.3 cubic metres) and 40 cubic yards (30.6 cubic metres).

The larger containers are walk-in.

Specifications

Product	20 cu yd (15.3 cu m)	40 cu yd (30.6 cu m)
Length	4.01 m	5.80 m
Height	2.23 m	2.66 m
Width	2.38 m	2.40 m

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Compactor Containers

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Compactor containers work with static compactors and are used to compress bulky waste. This system allows users to optimise storage by allowing a greater quantity of waste to be compressed within limited space. It also lowers operational costs by cutting on the number of trips made from the more efficient use of space.

Specifications

Product	35 cu yd (26.8 cu m)
Length	6.08 m
Height	2.67 m
Width	2.41 m

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Our Compactors

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Compactors are the perfect solution for any businesses that produce large amounts of waste. Bywaters offers a variety of compactors to hire in all shapes and sizes, so no matter how much waste you need to compress for removal, we have the perfect compactor for you.

We have a range of compactors to help your business reduce how much space its waste takes up, decreasing your collection costs and saving you time.

Bywaters provides a wide range of compactors, for all types of businesses, no matter how big or small. If you are looking for equipment specific to your needs, please do not hesitate to contact us.

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Skip Compactor

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This machine is most commonly used for dry mixed recycling and non-recycling streams. Its compact size makes it ideal for loading bays with space restrictions. It is available with manual or bin lifting load options to suit site requirements. The cylinders are tucked away inside the compactor, reducing the amount of cleaning necessary.

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Baby Hook Compactor

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Much like the skip compactor, this baby hook compactor is also available with manual loading. Its wheels make it a great option for facilities that require its mobility. This compactor also benefits from having its cylinders tucked away, ensuring that they do not need to be deep cleaned. This compactor is suitable for all waste types.

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Static Compactor

Bywaters
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Our static compactors come in a variety of styles to suit your operational requirements. Our in-house engineers are even able to design a configuration that fits into your space. Static compactors are a permanent fixture on your site, so we ensure they are installed with the utmost precision and tailored to the job at hand.

Bywaters provides a wide range of compaction containers to work in conjunction with a static compactor, these come in in various sizes, such as 14 cu yds (10.7 cu m), 20 cu yds (15.3 cu m), 30 cu yds (23 cu m), and 35 cu yds (26.8 cu m). If you are looking for equipment specific to your needs, please do not hesitate to contact us.

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Auger Compactor

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The Auger compactor is a variation of the static compactor. The Auger uses a screw compaction mechanism, which pushes material into the screw for high efficiency output. This compactor is able to handle different material types, with varying motors for different streams.

Its screw-like compression function makes it efficient at reducing odour issues. This equipment also excels in compacting organic waste, smaller particles, and wet waste streams. They also vary greatly in size from 4 feet to over 10 feet in height and width depending on the facility's needs, size and waste production.

Bywaters provides a wide range of compactors, for all types of businesses, no matter how big or small. If you are looking for equipment specific to your needs, please do not hesitate to contact us.

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The POD

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The Pod is much smaller than traditional compactors, while the basic pod container is 10 cu yds (7.65 cu m). This means it can be installed in confined places into which most waste compactors don't fit. It's made up of two sections – the Pod container and the Compaction unit – so that full Pods can be exchanged when required or requested without moving the full unit, and the full container is able to compact up to four tonnes of material. This means it is able to process the equivalent of 24-30 1100L bins, while only taking up the space of 6 of these bins.

Bywaters provides a wide range of compactors, for all types of businesses, no matter how big or small. If you are looking for equipment specific to your needs, please do not hesitate to contact us.

Specifications

Product	500 Short	700 Short
Length	159.8 cm	203 cm
Height	180.3 cm	180.3 cm
Width	126.1 cm	126.1 cm
Cycle time	19 seconds	23 seconds
Press force	95 kN	95 kN
Motor power	4 kW	4 kW

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Baler

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Balers are specially made to process recyclable materials like carboard and aluminium exclusively. The resulting highly-compressed bales are ready for the market, with no need for further pressing after collection – also making for a cleaner and safer workplace. From smaller equipment to create mill-size bales (pictured below) to more industrial two-ram balers, they can vary greatly in size.

Bywaters provides a wide range of compactors, for all types of businesses, no matter how big or small. If you are looking for equipment specific to your needs, please do not hesitate to contact us.

Specifications

Product	Baler (Models Vary)
Width	1198 – 1797 mm
Length	823 – 1568 mm
Height	1986 – 2985 mm
Machine weight	485 - 2430 kg approx.
Bale weight (depending on material)	70 – 550 kg
Cycle time	21 - 25 sec
Pressing power	57 – 594 kN
Motor	1.5 - 4 kW

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1100 L In-Bin Compactor

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Bywaters provides 1100 litre in-bin compactors for general and recyclable materials – making it perfect for spaces that are too small for large machinery. By using this machine, volumes can be increased by up to three times per bin, ensuring maximum pay loads are achieved without taking up any more space.

Bywaters provides a wide range of equipment, for all types of businesses, no matter how big or small. If you are looking for equipment specific to your needs, please do not hesitate to contact us.

Specifications

Product	In Bin 1100 L Compactor
Width	95.5 cm
Length	152.2 cm
Height	258.5 cm
Weight	350 kg approx.
Bin capacity	1100 litre
Cycle time	27 sec
Compaction ratio	3:1 avg.
Motor	1.1 kW

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Weightron

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Weightron is Bywaters' specially designed on-site weighing solution. It provides accurate and detailed data to help you with a wide range of issues, including monitoring recycling, tracking financial waste information for multi-level sites and giving you clear indications for developing clear auditing plans.

To complement the Byweigh system, Bywaters is able to create tailored barcoded stickers for each tenant or floor (depending on your requirements). The barcode data is pre-programmed into the Byweigh system to enable data streaming, making the Byweigh system a convenient and easy way to keep track of all of your waste.

Specifications

Product	Weightron
How it works	• Weigh each container by waste stream. • Log contaminations and photo evidence by waste stream for each location. • Correlate weight to sales data for each container and waste stream. • Identify time and date of weighing. • Identify staff using the machine and assess workloads.

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Nando

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Harness the power of AI to reduce your environmental impact by monitoring the waste you produce and taking action to prevent it. By fitting these AI sensors, we're able to collect enhanced waste management data. This information helps the user by identifying the most common issues, as well as helping them to increase their ESG scores.

Specifications

Product	Nando AI
How it works	• NANDO sensors are fitted to bins. • The sensors use AI to collect waste data. • NANDO takes a picture every 10 minutes for consistent monitoring. • Using IoT technology we can tell you what is thrown away. • The sensors identify contamination. • NANDO uses gamification to communicate the most common errors, increasing awareness. • Waste reports show the quantity and quality of waste.

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