

NEW



NEXUS[®]

SHUTTLE BIN

The Ultimate Dedicated Food Waste Bin



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About Food Waste

The subject of recycling is of increasing significance with particular emphasis on the collection of food waste. It is estimated that 15 million tonnes of food waste is generated in the UK every year and from that, households throw away 7.2 million tonnes of food and drink, costing the economy £12bn. Wasted food is not only a waste of money; it is also a major contributor to climate change. Producing, transporting and storing food uses a lot of energy, water and packaging, which is all wasted if the food gets thrown away uneaten.

Recycling Food Waste

Food waste can now be recycled in several ways.

Anaerobic Digestion uses micro-organisms called 'methanogens' to break down food waste, animal manures and energy crops in the absence of oxygen, inside an enclosed tank. As it breaks down, it gives off 'bio-gas' that is collected and used to generate electricity, heat or transport fuels. It also creates biofertiliser, which can be used in farming and land regeneration.

In-vessel composting involves mixing food waste with garden waste, shredding it and composting it in a tunnel or container for around two to four weeks. Temperatures of up to 70°C speed up the process and kill any harmful microbes. It is then left for a further 1-3 months with regular turning and checks to ensure quality, before going on to be used as soil conditioner.

Other food waste treatment techniques include on site composting and Waste 2 0 Technology. Composters can be used on site to generate compost for fertiliser. The Waste 2 0 Technology mulches the food waste and turns it into 'grey' water this then goes back into the water table. Unlike a typical macerator, enzymes digest the food and break down the fat and grease to eliminate drainage problems.

Nexus Shuttle Bin - Collecting Food Waste

Specific Environmental Health Standards determine what type of collection unit is used for collecting food waste. The New Nexus Shuttle Bin has been designed to assist organisations to comply with these standards. The foot pedal operated lid enables a hands free operation and provides ease and speed of disposing food waste.

Nexus Shuttle is a dedicated food waste bin ideal for use in commercial kitchens, canteens, cafes and any other areas where food is prepared and/or consumed. Available with a solid liner or a sack retention system, Nexus Shuttle offers flexibility for the different collection methods of waste.



Solid Liner Model

Design Features

A 'shuttle' system can be implemented, so when a liner is full it can quickly be replaced with an empty one keeping the bin operational.

Liners can be stacked for ease of storage and transportation.

Curved base and smooth surfaces offer an easy to clean hygienic design.

Liner lid seals the liner and ensures waste is contained until emptying.

Moulded liner handles provide a comfortable grip for the user.

Tough reinforced foot pedal meets food hygiene regulations and increases efficiency.

TESTED THROUGH OVER 100,000 FOOT PRESSES

Liner wheels allow the user to easily manoeuvre and empty the unit.

Solid Liner Sack Retention Design Feature

Allows for different methods of food waste.

Quick and easy to empty, solving handling problems.

Manufactured from Durable material offering exceptional strength.

The lightweight structure allows for easy manoeuvre the unit.

Smooth contours ensure easy cleaning and allows for easy cleaning.

Lid overlaps the bin body to prevent odours from within the bin.

Lid stay mechanism enables quick and easy access for cleaning and emptying and the soft, 'slow closing lid' mechanism ensures the lid always closes, with minimal sound.

Robust stainless steel hinge rod and hinge mechanism.

Anti-slip rubber feet for tiled floors.

Lid override mechanism allows the lid to be propped open during busy shifts.

Large 60 litre liner.

For ease of use the bin is designed to an ergonomic height and can be stored under worktops when not in use.



Sack Retention Model

Choice of
30 litre, 40 litre
or 60 litre
capacity

Model & Design Features

Methods of collecting

ty – reduces manual

apal® material,
length and durability.

ure allows the user to
mit.

ere there are no dirt traps
aning and disinfecting.

ly to help contain any
bin.

er feet, ideal



Design Features

Large 60 litre capacity corn starch sack.

Capacity can be reduced to 30 litres and/or 40 litres.

Quick and easy to empty/replace sack.

Wall of the bin body offers protection to the sack and helps prevent overflowing.

Users can easily identify when a sack needs emptying/replacing.

Sack retention bands hold the sack neatly in place.



A removable sack support shelf acts as a drip tray collecting any waste liquid from the sack and ensures it sits neatly. The sack support shelf is quick and easy to remove and clean, and provides extra support to the bottom of the sack.



A removable sack support shelf determines the capacity to encourage a frequent emptying regime and help reduce manual handling problems.



30 litre capacity

40 litre capacity

A sack retaining bar protects the sack and helps to contain it within the bin body.

Narrow footprint and slimline body ensures the bin takes up minimal space.





NEXUS[®] SHUTTLE BIN

Nexus Shuttle is a dedicated food waste bin ideal for use in commercial kitchens, canteens, cafes and any other areas where food is prepared and/or consumed.



The large aperture and foot pedal operation help to ensure the quick, easy and hygienic disposal of food waste.



Provides different methods of collecting food waste.

To maximise floor space the bin can be stored under worktops when not in use.

A 'shuttle' system can be implemented during busy periods.



NEXUS[®] SHUTTLE BIN

Easy To Empty & Clean

Curved base and smooth surfaces offer an easy to clean hygienic design.



Specifications

Solid Liner Model and Sack Retention Model

Height: 862mm
 Width: 452mm
 Depth: 441mm
 Weight: Solid Liner Model: 8kg
 Sack Retention Model c/w one shelf: 5.5kg

Colours

Bin Body/Aperture: Pastel Grey
 Bin Lid: Green or Pastel Grey
 Foot Pedal: Black
 Solid Liner: Pastel Grey
 Liner Lid: Natural Polymer
 Sack Retention Bands: White
 Shelf/Drip Tray: Pastel Grey
 Shelf Brackets: Pastel Grey
 Sack Retaining Bar: Grey
 Feet: Black
 A4 Sign Kit: Grey

Materials

Bin Body/Aperture/Bin Lid: Durapol[®] Material
 Foot Pedal: Glass Reinforced Nylon
 Hinge Mechanism: Stainless Steel
 Solid Liner/Liner Lid: Durapol
 Sack Retention Bands: PVC
 Shelf/Drip Tray/Shelf Brackets: Durapol
 Sack Retaining Bar: PVC
 Feet: Non Marking Rubber
 A4 Sign Kit: Duratec[™] material /Clear Polycarbonate
 Recessed Food Waste Graphic: Hi-Tac Self Adhesive Laminated Vinyl

Duratec[™] material has been specifically created for use in internal environments. In addition to its attractive appearance it offers a blend of toughness, rigidity and dimensional stability.

Durapol[®] material is a polymer formulated to withstand extremes of temperature and is impact-tested in our Quality Assurance Laboratory as part of our BS EN ISO 9001:2008 test procedure. Durapol will not chip or rust, is easy to clean and never needs painting.



Optional Extras

Recessed Food Waste Graphic (On top and inside lid)

Recessed Food Waste Graphic (Front of Solid liner model only)

- Clear and easy to understand.
- Reduces cross contamination of waste.
- Can be clearly seen when bin lid is propped open.
- Robust and hardwearing.
- Mark resistant.
- Jet washer proof.



A4 Sign Kit

- Provides additional signage to encourage correct usage.
- Personalisation area.



Bungee Cord (Solid liner model only)

- Holds corn starch sack in position.



Corn Starch Sacks

- Available in 50 litres and 80 litres.
- Environmentally friendly.
- Degrade quickly.

Other Applications

Nexus Shuttle is available as a hand operated model ideal for collecting other recyclable waste streams such as plastic bottles.

Nexus Shuttle co-ordinates with the Nexus range of recycling bins, and can provide an additional waste stream and uniformity across any scheme.

FREE DELIVERY IN MAINLAND UK & NORTHERN IRELAND

Our national distribution network ensures prompt delivery in mainland UK and Northern Ireland. All our prices are carriage-free on the mainland and Northern Ireland, only VAT will be added.

MINIMUM ORDER CHARGE

To help offset the cost of packing, administration and delivery, there is a small charge of £5 on orders below the value of £50.

Order online at:

www.glasdonlitterbins.com www.bins4recycling.com



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