

● Introduction

The WasteXpert Dewaterer is the answer to your food waste problem. It is a compact stand-alone solution for food waste handling and can rapidly deal with all kinds of organic food waste in large quantities. This equipment is compact and can reduce your food waste volume by 60-70%!

Best suited for high volume waste generation sites, the WasteXpert Dewaterer requires an extremely small area and therefore can fit in storage or garbage rooms as well.



● The Process

The WasteXpert Dewaterer is a clean and easy to use food waste solution for all commercial kitchens with high volume of daily waste.

Step 1: Grinding the food waste

Step 2: Centrifugal dewatering of waste

Step 3: Output of grey water and 60-70% reduced solid waste!

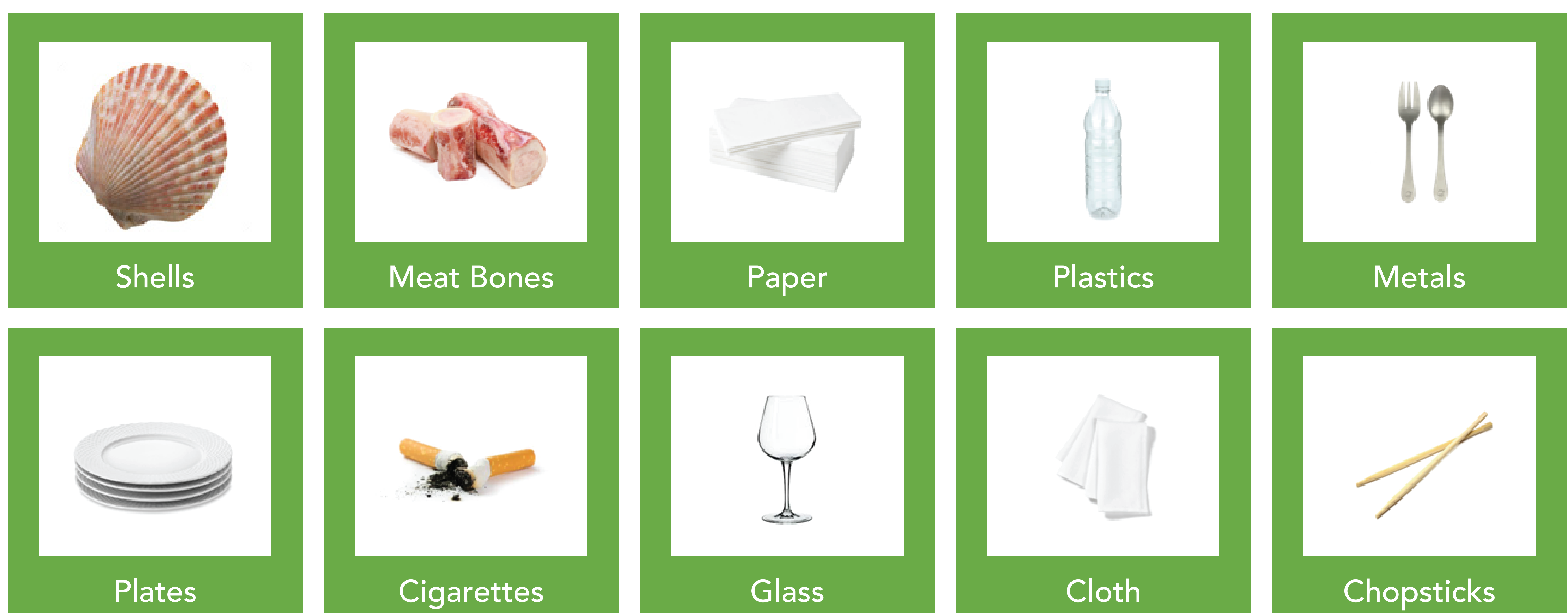
• How to use?

You simply load the food waste into the hopper while the tap is on with running soft water. The food is then ground and dewatered using a special centrifugal technique. It is due to this technique that the WasteXpert Dewaterer can reduce your food waste by up to 60 - 70%, lowering your waste storage and municipality cost dramatically.

The WasteXpert Dewaterer requires running soft water, electricity and no constant attention to reduce your food waste by 60 - 70%! There is also a hot water connection needed for cleaning the insides of the equipment.

The grey water discharged can be connected to the sewage treatment plant directly. This water can also be reused for gardening purposes.

• What cannot be processed?



Usually, all kinds of inorganic matters like metal, plastic, and paper cannot be decomposed. Some examples of waste that cannot go into the machine are shown above.

• Most cost effective & efficient food waste management solution...

- Easy Installation. Plug and play.
- Compact standalone unit.
- 60 – 70% volume reduction of food waste.
- Hot water connection for cleaning cycle.
- Easy Maintenance. Stainless Steel 304 body.
- Reversing button for the crusher.

- **Packed with Accessories...**



Magnet to catch metal parts



Spray jet to clean the top & external walls



Input tap for water- hot and cold



Mesh lid to prevent rodents & insects

- **Perfect for every establishment...**

The WasteXpert Dewaterer is a perfect food waste handling solution for anyone who believes in savings and efficiency. The Dewaterer is ideal for establishments like:

- Hotels & Resorts
- Restaurants, Pubs and Cafeterias
- Corporate Canteens and Hospitals
- Hostels and Food Centres
- Fisheries, Bakeries and Caterers

● Specifications:

MODEL NO.	WX-100	WX-250	WX-500	WX-750
Hourly Capacity (Kg)	100	250	500	750
Dimensions (mm) (L*B*H)	1300 x 800 x 1200	1300 x 800 x 1200	1300 x 800 x 1200	1300 x 800 x 1200
Net Weight (Kg)	175	190	215	225
Rated Input Voltage	415V/3P	415V/3P	415V/3P	415V/3P
Motor	5 HP	6 HP	8 HP	10 HP
Total Load	3.7 KW	4.5 KW	6.0 KW	7.5 KW

Warranty: 1year.

Water Consumption: 50 litres per day (assuming 10 hours of operation)

● Optimal Maintenance & Support

We understand better than anyone that your business has the highest priority and should not be interrupted at any time. That's why our service and maintenance are focused on reinforcing and supporting your core business. We completely train and support your staff after the installation process. In short, we offer you the security and confidence needed to make the main process run smoothly. We also offer after-sales maintenance and repair services through AMC options. Therefore, help is always near if you need it. You can write to us at sales@riteblr.com or **call us at +080-4340 6000** for any inquiry / support.

● Frequently Asked Questions

1.What does WasteXpert Dewaterer do?

WasteXpert Dewaterer uses a series of processes in which the food is ground into fine particles. A special centrifugal technique dehydrates the macerated food waste. Using this technique, the food waste volume reduces by 60 – 70% reducing your disposal costs drastically. The 'grey water' is directly fed in the drain and the food waste is collected in the bins for easy disposal. WasteXpert Dewaterer is a practical and innovative alternative to the traditional disposal of food waste.

2.How is WasteXpert Dewaterer a sustainable solution?

When food waste is buried as landfills, it emits methane (CH₄) and other harmful gases. Methane is 72 times worse for the atmosphere than carbon dioxide (CO₂). Methane is one of the main reasons of global warming as well. The WasteXpert Dewaterer reduces the food waste volume by 60 - 70% thus indirectly contributing to less landfills and less harmful gases in the society.

3.What kind of food waste can be processed in the WasteXpert Dewaterer?

WasteXpert Dewaterer can process most types of food leftovers or food waste. One can process food leftovers, fruits & vegetables, breads, rotis, green leaves, eggs, meats, fish bones, nuts and much more.

Although, one must refrain from putting cutlery, large bones, coconut shells, shoots and leaves in the WasteXpert Dewaterer. Please refrain from putting plastic, glass, tin, metal, meat ropes or tea-bags in the WasteXpert Dewaterer.

4.Does the WasteXpert Dewaterer come with any warranty?

WasteXpert Dewaterer comes with a warranty of 1 year. Moreover, we also provide after-sales maintenance and services through AMCs.

5.How to handle the 'grey water' output of the WasteXpert Dewaterer?

The 'grey water' will be high on grease content and must be run through a grease-pit before feeding it to the drain. The 'grey water' can even be further composted to create plant nutrients and manure for the soil.

6.Is the output of WasteXpert Dewaterer harmful?

No. WasteXpert Dewaterer is completely eco-friendly and all its processes use only water.

7.Does the WasteXpert Dewaterer require continuous water and electricity input?

Yes. The WasteXpert Dewaterer requires continuous water and electricity input to assist the grinding and dehydrating process.

8.Can hard water be used to run WasteXpert Dewaterer?

No. While our machines are highly durable and made of SS304, we recommend using soft water for longevity and hassle-free usage.

9.Does the WasteXpert Dewaterer require constant attention?

No. The WasteXpert Dewaterer does not require constant human attention. Once the machine begins the grinding process, it does not require any human attention for the rest of the process. Only to input the waste you need a resource.

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10. Are any chemicals used in the WasteXpert Dewaterer?

No. All the processes of the WasteXpert Dewaterer are totally green.

11. Does WasteXpert Dewaterer follow a batch process?

No. You can feed food waste into the machine whenever you want. The machine constantly reduces organic waste.

12. What is the maintenance cost for WasteXpert Dewaterer?

The maintenance cost for WasteXpert Dewaterer is very low. The WasteXpert Dewaterer does not require regular servicing unless there is a breakdown. Regular cleaning and precautionary measures should be enough for the WasteXpert Dewaterer to serve you for long years

For further enquiries, get in touch with us:

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