

Food Waste Station

Product Specification Sheet

for

EWPR163 – Food Waste Station



WASTE - EQUIPMENT SERVICES



FOOD WASTE STATION

Introduction:

Food waste is a major problem for any organisation that produces it. It's notoriously difficult to process and dispose of safely and efficiently and is the most likely waste stream to contaminate other waste fractions.

Food waste typically represents around 40% of total commercial catering waste. Of this 40%, approximately 77% is liquid. The **EWPR163 Food Waste Station** grinds the food waste into fine particles, these particles feed directly into the built-in dewatering system. Through centrifugal action, the Food Waste Station forces out the excess liquid from the macerated waste.

This "grey water" is fed directly to drain, the resulting 'solid' fraction of the food waste is collected in a small & easily managed lidded bin ready for onward processing.



Control Panel

- ✓ **Transport Savings:** Reduce waste collection costs by reducing food waste volume and weight requiring collection.
- ✓ **Storage Savings:** By reducing the waste volume, on site waste storage facility requirements are also reduced.
- ✓ **Labour Savings:** The self cleaning system reduces staff time managing and processing any food waste.
- ✓ **Energy Savings:** Compact design and short processing times ensure low operating costs and minimal use of floor space.



Waste Bin

Higher Capture Rate:

High capture rates improve the quality of the "grey water" going to drain (less suspended solid particles), aiding local water authority approval.

Self Rinse System:

Following each operation the machine undertakes a quick rinse cycle preventing any build up of food.

Range of Screen Sizes:

Giving the option to recover greater waste levels or concentrate on pure volume reduction.

Fully Enclosed System:

Prevents food entering the unit, keeping the machine clean and free of waste and reducing operational noise.

Self Cleaning Operation:

The Food Waste Station can undertake a thorough clean ensuring the whole system is free of food and grease, vastly reducing the labour time required to operate the machine.

Self Emptying:

This eliminates the need for staff to empty the auger assembly reducing labour times required to operate the machine.

Visual Control Panel:

Kitchens are a noisy environment, The Food Waste Station incorporates a simple LED display to allow monitoring of the state of the equipment during operation.

Intelligent Electronic Sensor:

Detects when the bin is full.

Waste Equipment Services would be pleased to visit your site for a full assessment of your Food Waste Processing requirements. By looking closely at your site logistics & waste volumes we can advise on how to maximise efficiency, reduce food waste volumes and in turn suggest strategies for significant cost savings.

DIRECT PURCHASE or FLEXIBLE RENTAL AGREEMENT

Contact us to discuss your individual requirements

Telephone: 0330 223 0895 E-Mail: hello@waste-equip.co.uk

Images are for illustrative purposes only, products may vary, refer to contract for full information and final agreed specification

WASTE - EQUIPMENT SERVICES



FOOD WASTE STATION – Product Code: EWPR163

The **EWPR163 FOOD WASTE STATION** is a compact solution which grinds the food waste into fine particles, these particles feed directly into the built-in dewatering system.

Through centrifugal action, the **EWPR163** forces out the excess liquid from the macerated waste. This “grey water” is fed directly to drain, the resulting ‘solid’ fraction of the food waste is collected in a small & easily managed lidded bin ready for onward processing.

Food waste comprises of up to 77% liquid and can be extremely costly to dispose of, the **EWPR163** provides a suitable solution to this problem.

All equipment is manufactured with all safety requirements in accordance with CE directives.

- ✓ Reduces Food Waste Mass by up to 60%
- ✓ Grey Water Dispensed to Drain
- ✓ Solids Captured in Food Waste Bin
- ✓ Reduces Waste Costs
- ✓ Reduces Food Waste Smells
- ✓ Ideal for all Commercial Kitchens



Specification - Waste Station (EWPR163)

Machine Dimensions (mm)	1000mm (W) x 700mm (D) x 900mm (H)
Machine Weight (kgs)	192 kg
Covers / kgs per hour	1450 / 700
Voltage	380-415
Electric Motor (KW/phase)	1.1 KW / 3 phase
Water (litres per cleaning cycle)	12
Energy Cost (typical per day)	£0.64
Frequency (Hz)	50 / 60
Amps (max)	7
Supply Amps (suggested)	16A
Decibel (dB) during operation	60 dB

Due to continued product development, designs and specifications are subject to change without notice.

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(Waste Equipment Services is a trading style of The Waste Group Services Ltd.)