

THE GREEN MACHINE

F O O D W A S T E P R O C E S S O R



www.thegreenmachine.nl



Why a TGMi Food Waste Disposer

After 30 years as a leading developer of food waste disposers to the marine industry, our experience and dedication has resulted in the unique reliability required for extreme conditions around the world. Our innovations have also given kitchens in municipalities, collection systems and equipment for today’s required recycling of food waste.

Operational reliability

Combined with the company’s excellent service reputation and the high quality of its products The Green Machine Industrial has achieved a leading position in equipment for the handling of food waste in the maritime industry but also in hospitals and restaurants. The long life expectancy and operational reliability of the products are mainly due to the choice of high-quality components. Our grinder of specially alloyed steel with a extreme hardness corrosion proof housing and mounting assembly as standard. Unique and well-proven sealing design between grinder and motor. Unique 2 stage grinding components to prevent sewer line problems.

All our disposers are build in a superior quality and comes with a unique 2 year warranty.

Electrical Connection

All electrical work must be carried out by a qualified electrician in accordance with the IEE Codes of practice.

Product Confirmity

TGMi food waste disposers conform to the Machine Safety Directive 89/392/EEC as amended by 91/368/EEC and 93/44/EEC and are manufactured under quality system BSEN ISO 9001:2000. They also conform to the protection requirements of the Electro Magnetic Compatibility directive 89/336/EEC and are manufactured in accordance with harmonised standards EN 50-014-1 Generic Emission and EN 50-014-2 Generic immunity. They also satisfy the essential requirements of the Low Voltage Directive 73/23/EEC amended by 93/68EEC.

Marine applications

All Marine voltages are available. All our disposers are Marpol aproved Annex V of Marpol 73/78.

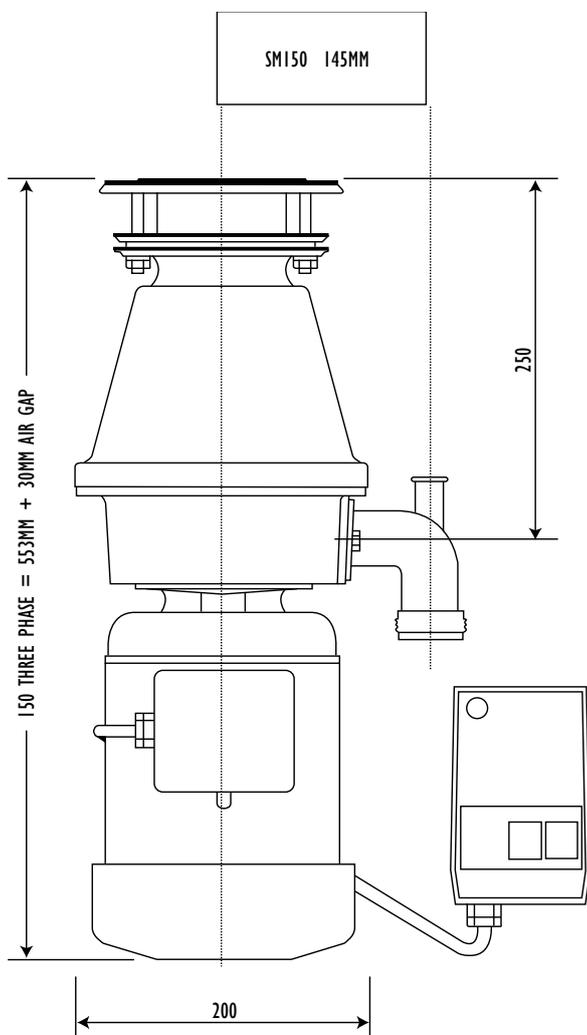
Waranty unique 2 year warranty

Spare Parts and Sales

Spare parts are available for all major serviceable items. Please contact:

The Green Machine Industrial
 T + 31 (0) 653192745
 info@thegreenmachine.nl





TGMi SM150

General

Mounting Sink outlet.

Supplied with fitting for 89mm (3.5") sink opening

Capacity 200 kg of waste per hour

Dimensions H-539mm. Fits 89mm (3.5") sink opening

Electrical information

Motor 1.1 kW (1 1/2 HP)

Voltages 230-1-50/60

400/440 3-50/60

Fuse Rating 16A

Operator controls IP65 rated waterproof wall mounted control box

Installation information

Water connection Sink tap

Water consumption 10/14 litres per minute

Waste connection 40mm pipe to be installed with P or S trap

Mains Cable (no plug)

Other features

Water control Manual with sink taps

Operator safety Rubber petals at sink opening.

Special features strong metal corrosion proof housing

Automatic thermal overload to protect the motor

Product order code details

GM52/321 1 phase SM150

GM52/323 3 phase SM150

Shipping specification (aprox)

Packing dimensions (h x w x d)

620mm x 320mm x 220mm

Packing volume 0.043m³

Packing weight (gross/net) 20kg



TGMi Compact C-FS150

General

Free standing Food Waste Disposer

200kg of waste per hour

Dimensions (h x w x d)

850/865mm x 400mm x 600mm

Electrical information

Motor 1.1kW (1½HP)

Voltages 230-1-50/60

400/440-3-50/60

Fuse rating 16A

Operator controls IP65 mounted in front plate

Motor on and off button.

Installation information

Water connection 15mm connection. Minimum pressure (head) of 0.4 bar (4m)

Water consumption 14-18 litres per minute

Waste connection 40mm pipe to be installed with P or S trap

Electrical connection mains cable (no plug)

Other features

Water control Solenoid valve for automatic water control.

Operator Safety Rubber petals at sink opening

Special features Automatic thermal overload to protect the motor

Manually reversible motor

Product order code details

GM52/621 1 phase

GM52/623 3 phase

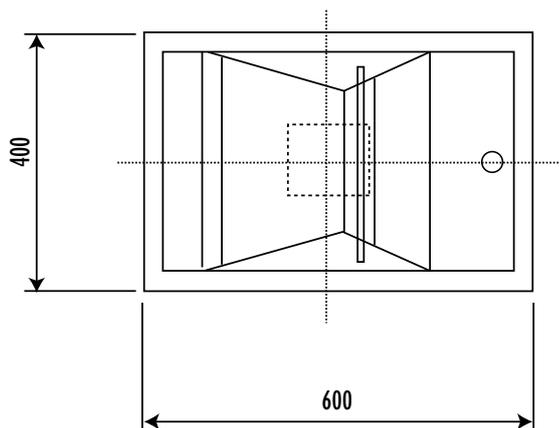
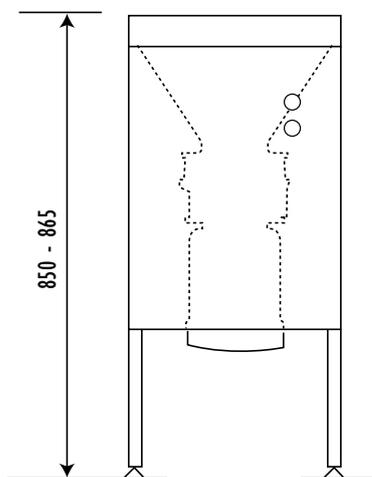
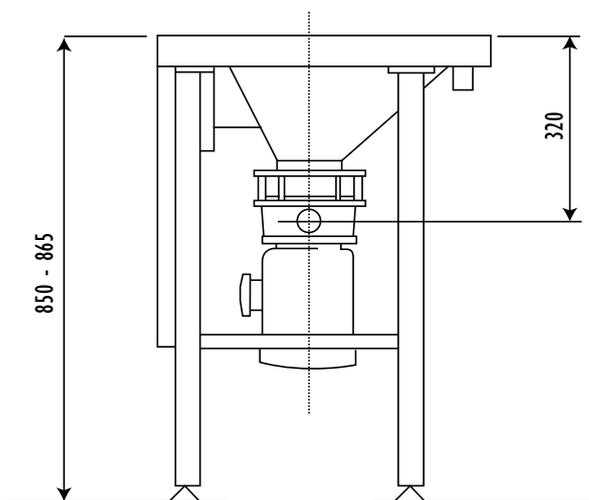
Shipping specification (Aprox)

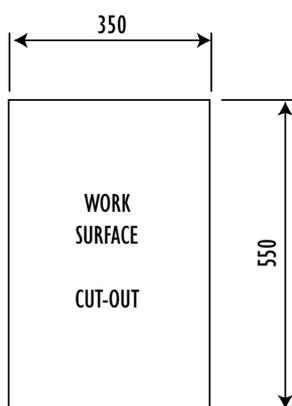
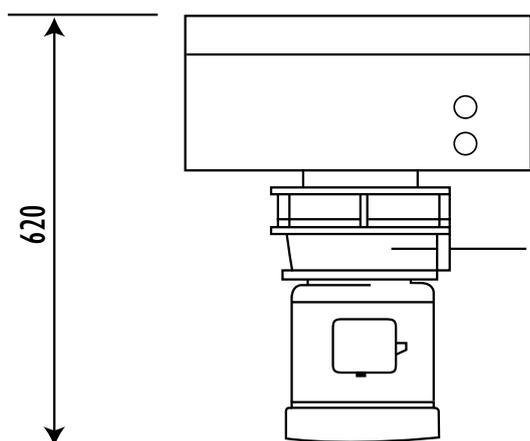
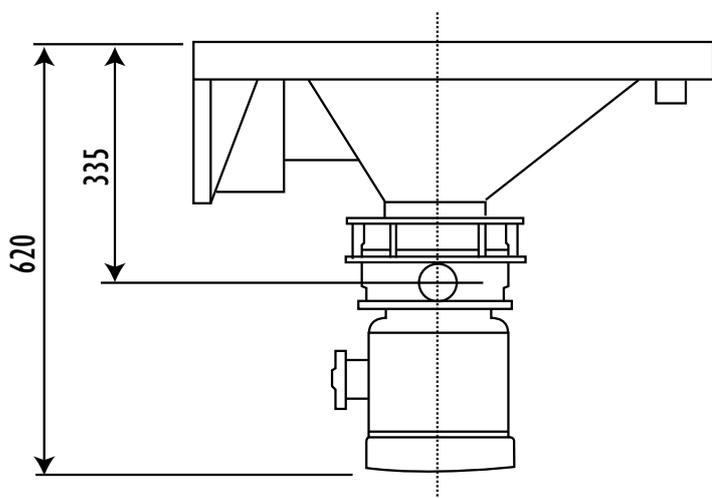
Packing dimensions (h x w x d)

1020mm x 580mm x 680mm

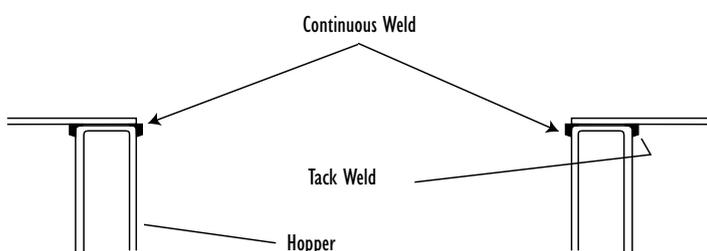
Packing volume 0.402m³

Packing weight (gross/net) 50kg/36kg





RECOMMENDED WELDING METHOD FOR MOUNTING INTO WORK SURFACE CUT-OUT



TGMi BMI50

General

Mounting Weld into tabling.

Capacity 200kg of waste per hour.

Dimensions (WxD) 400x600

Cut out dimensions W350mm x D550mm

Electrical information

Motor 1.1kW (1½HP)

Voltages 230-1-50/60

400/440-3-50/60

Fuse rating 16A

Operator controls IP65 mounted in front plate

Motor on and off button.

Installation information

Water connection 15mm connection. Minimum pressure (head) of 0.4 bar (4m).

Water consumption 14-18 litres per minute

Waste connection 40mm pipe to be installed with P or S trap

Electrical connection mains cable (no plug)

Other features

Water control Solenoid valve for automatic water control.

Operator safety Metal baffle and time delayed interlock system.

Special features Automatic thermal overload to protect the motor

Manuel Control or Auto Reverse (option)

Customer options

Class A airbreak.

Magnetic cutlery saver

Auto Reverse Switch for extended (double) life cicle of cutting elements

Product order code details

GM60/121 1 phase BMI50

GM60/123 3 phase BMI50

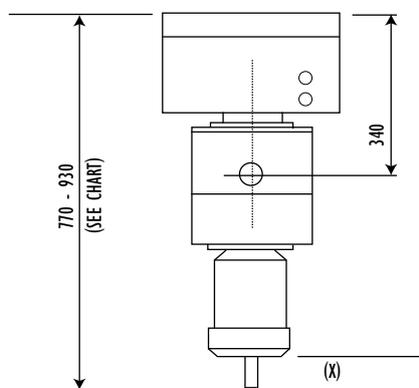
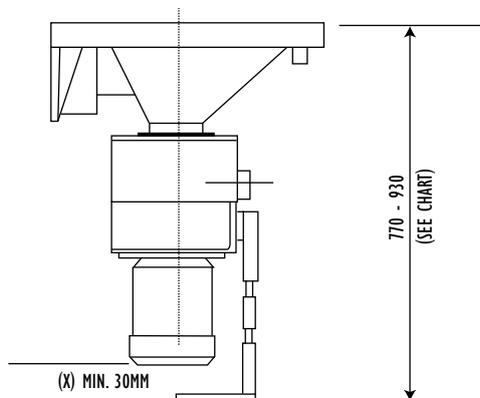
Shipping specification (Aprox)

Packing dimensions (h x w x d)

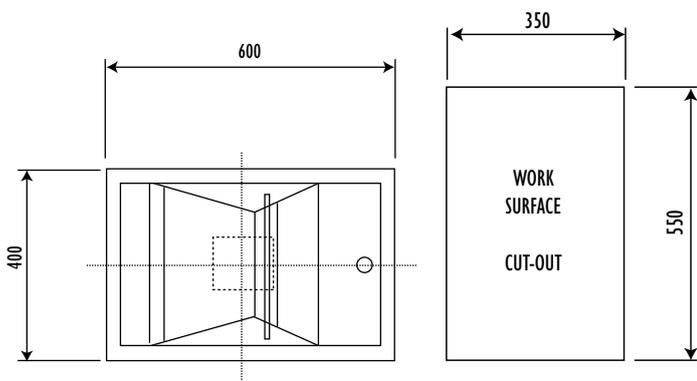
880mm x 500mm x 880mm

Packing volume 0.161m³

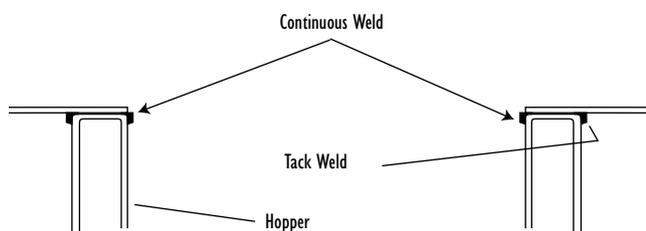
Packing weight (gross/net) 49kg/42kg



UNIT HEIGHT mm	150 1ph	150 3ph	300 3ph
With Min. recommended ground clearance (x)	805	770	840
With full extension of support leg	930	930	930



RECOMMENDED WELDING METHOD FOR MOUNTING INTO WORK SURFACE CUT-OUT



TGMi BM300

General

Mounting Weld into tabling

Capacity 600kg of organic waste per hour

Dimensions (WxD) 400x600mm

Cut out dimensions W350mm x D550mm

Electrical information

Motor 1.1kW (1.50HP)

Voltages 220-1-50/60

Fuse rating 16A - 1 phase

Operator controls IP65 mounted in front plate

Motor on and off button

Installation information

Water connection 15mm/22mm connection.

Minimum pressure (head) of 0.4 bar (4m)

Water consumption 18-25 litres per minute

Waste connection 2" BSP threaded flange for connection to 50mm piping

Electrical connection main cable (no plug)

Other features

Water control Solenoid valve for automatic water control

Operator safety Metal baffle and time delayed interlock system

Special features Automatic thermal overload to protect the motor

Manuel Control or Auto Reverse (option)

Customer options

Class A airbreak.

Magnetic cutlery saver

On special request we can build 3 phase 4 wire machine 440/460 Volt

Product order code details

GM68/221 1 Phase – GM68/223 3 Phase

Class A Airbreak

Magnetic Cutlery Saver

Shipping specification (Aprox)

Packing dimensions (h x w x d)

980mm x 500mm x 880mm

Packing volume 0.265m³

Packing weight (gross/net) 62kg/56kg



TGMi Cabinet Model FS300

General

FModel Free Standing Food Waste Disposer

Capacity 600kg of organic waste per hour

Dimensions (h x w x d)

850/865mm x 400mm x 600mm

Electrical information

Motor 1.1kW (1.50 HP)

Voltages 220-1-50/60

Fuse rating 16A – 1 phase

Operator controls IP65 mounted in front plate

Motor on and off button

Installation information

Water connection 15/22mm connection.

Minimum pressure (head) of 0.4 bar (4m)

Water consumption 18-25 litres per minute

Waste connection 2" BSP threaded flange for connection to 50mm piping

Electrical connection mains cable (no plug)

Other features

Water control Solenoid valve for automatic water control

Operator safety Metal baffle and time delayed interlock system

Special features Automatic thermal overload to protect the motor

Manually controles or Auto Reverse (option)

Customer option

Class A airbreak

Magnetic cutlery saver

On special request we can build 3 phase 4 wire machine 440/460 Volt

Product order code details

GM68/221 1 Phase – GM68/223 3 Phase

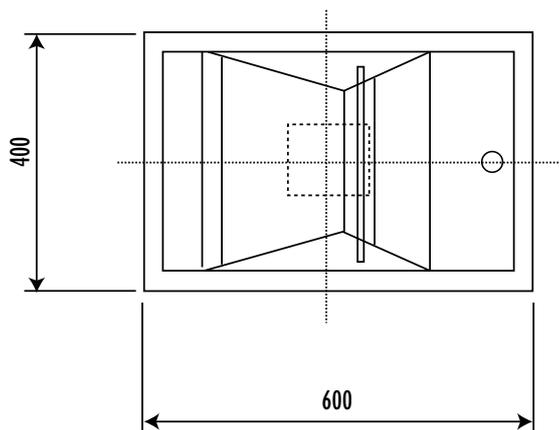
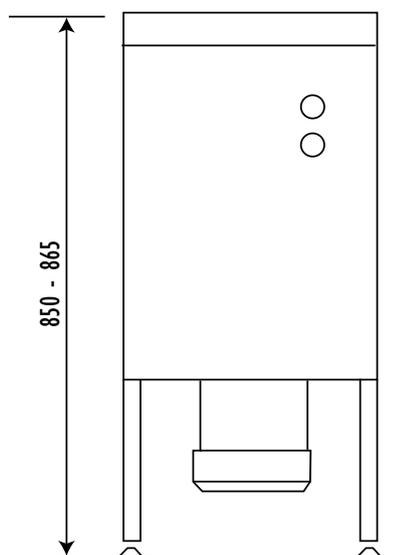
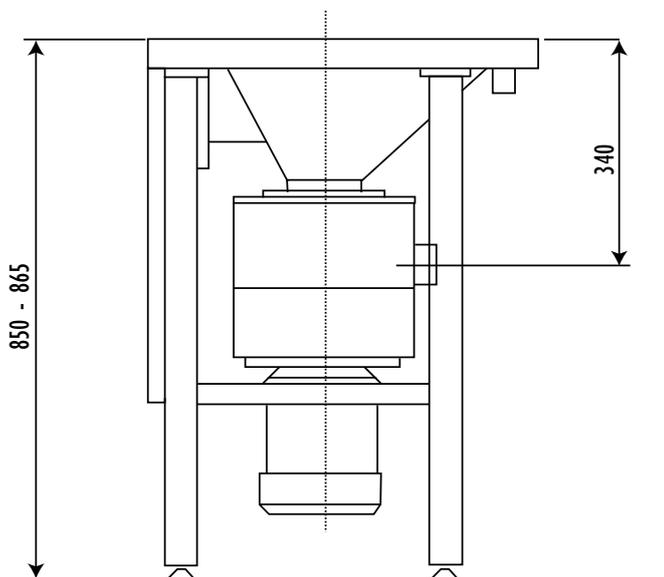
Shipping specification (Aprox)

Packing dimensions (h x w x d)

980mm x 480mm x 620mm

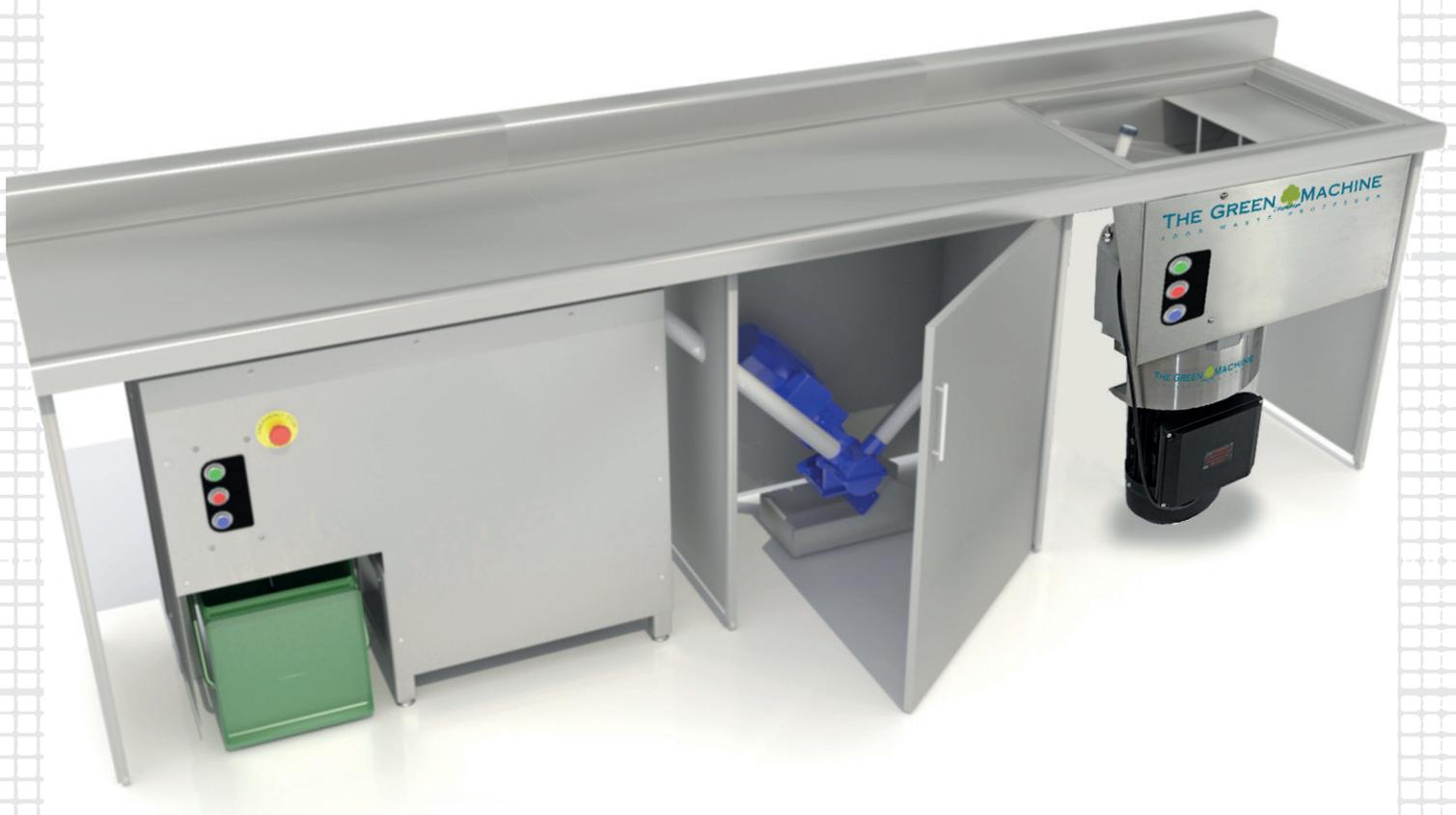
Packing volume 0.292m³

Packing weight (gross/net) 73kg/63kg





Turn food waste into Fertilizer



The Green Machine Design-Build

TGMi Dewatering systems and input stations for all volume and space requirements, pump systems in a modular design for maximum flexibility.

We design exactly the right solution for your kitchen organisation guaranteed! The dewatering of the food particles takes place in the solids separator.

The volume reduction is possible up to 85% The food waste system is equipped with a cleaning purge cycle for reliable self cleaning operating.

Our new Bokashi food waste treatment convert food waste into a Fertilizer which can be easily handled and used as a bio-waste component material so there is Zero Waste left.

The Green Machine Industrial
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FOOD WASTE PROCESSOR