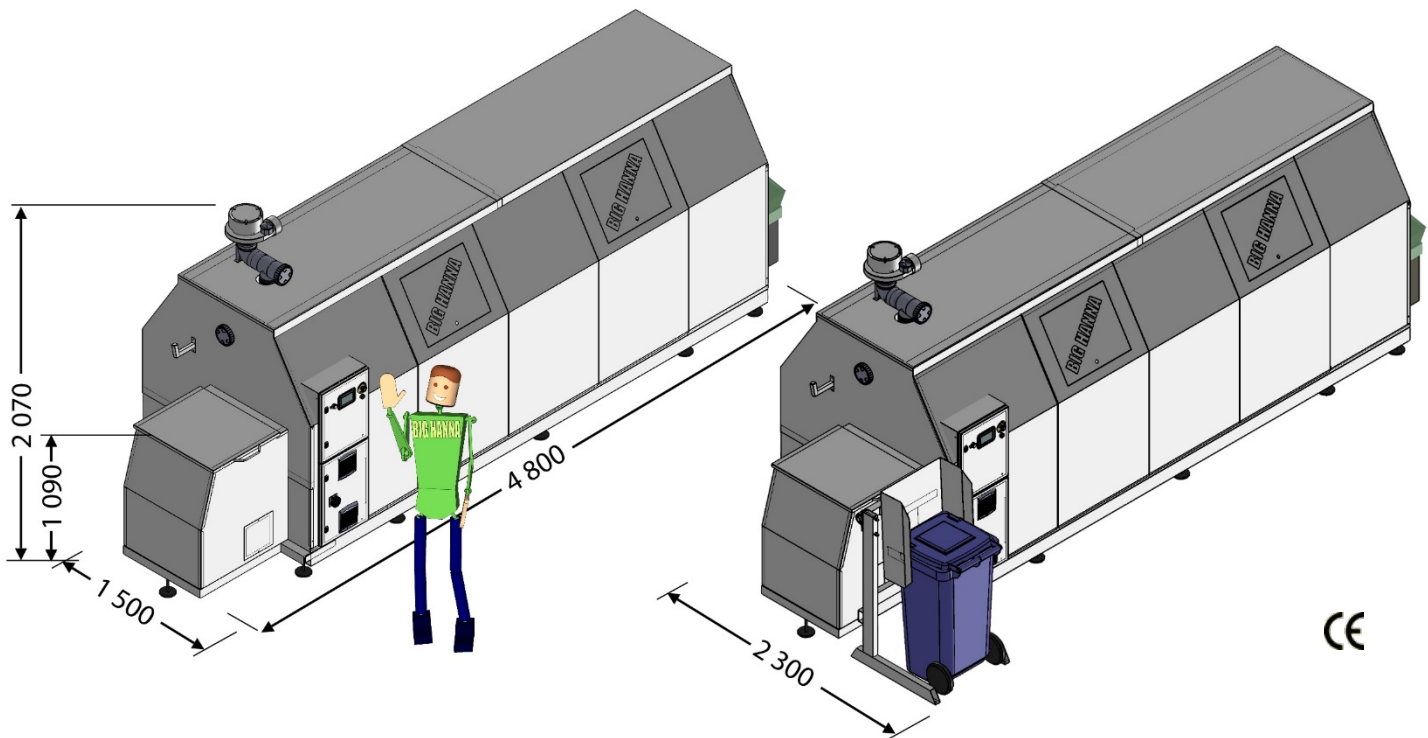




BIGHANNA™ composter

MODEL T240



Capacity *)

Food waste/day (kg)	55-170
Food waste/week (kg)	400-1200
Food waste/annum (ton)	21-62
Number of households	130-300

GHG Emissions (MTCO₂EQ) avoided calculated on www.epa.org using WARM

GHG Emissions landfilled	95
GHG Emissions composted	-12
GHG Emissions savings	-107

Capacity when using mechanical dewaterer *)

Food waste/day (kg)	90-275
Food waste/week (kg)	640-1900
Food waste/annum (ton)	33-100

Measurements

Volume cylinder (m ³)	4
Weight empty (kg)	1200
Max weight full (kg)	3500
Number of feet on machine	11
Connection to ventilation (mm)	Ø110
Connection for drainage - infeed hopper (mm)	Ø 75/ Ø110
Height inlet (mm)	ca 1 000
Inlet measurements - infeed opening (mm)	490 x 590
Volume hopper fed inlet (l)	80
Height under outlet (mm)	630

Equipment

Temperature sensors	3
Inspection door(s) on hood	2
Access door(s) into cylinder	2
Touch screen panel	✓
Optional equipment for composter	
Mobile or wireless router	✓
Log in via computer, phone or tablet and email alarms	✓
SMS alarms	✓
Energy meter	✓
Scales	✓
Rfid reader	✓
Moisture sensor in mass (VWC)	✓
Humidity (rH) and Temperature sensor in air	✓
CO ₂ sensor in air	✓
Hopper fed 40L inlet (auger feeder)	-
Customized hopper	-
Shredder	-
Bin tipper / bin lift	✓
Sliding hatch	✓
Dewatering unit (screw press)	-
Mechanical macerator & dewaterer (stand-alone)	✓
Automatic pellets feeder	-
Biofilter	✓
Maturation box	✓

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BIGHANNA™ composter



Electrical supply **)

Power supply 400 V, 3-phase, 50 Hz, 16 A

Energy consumption *)**

Total kWh/day standard model 2,25

*) The capacity varies depending on content / mix of food waste, moisture content, absorbent material, biological process and how the machine is fed and programmed. The macerator / dewatering equipment reduces the volume and weight of the food waste and increases the capacity, i.e. more food waste can be recycled. See separate information.

**) Standard models. Other electrical supply can be specified at order (for example 1-phase).

***) The electrical power consumption is calculated for indoor installations. The heater is only used in cold temperatures and only when the temperature between the hood and the cylinder is lower than 5-10° C. This is not included in the electrical power consumption.

