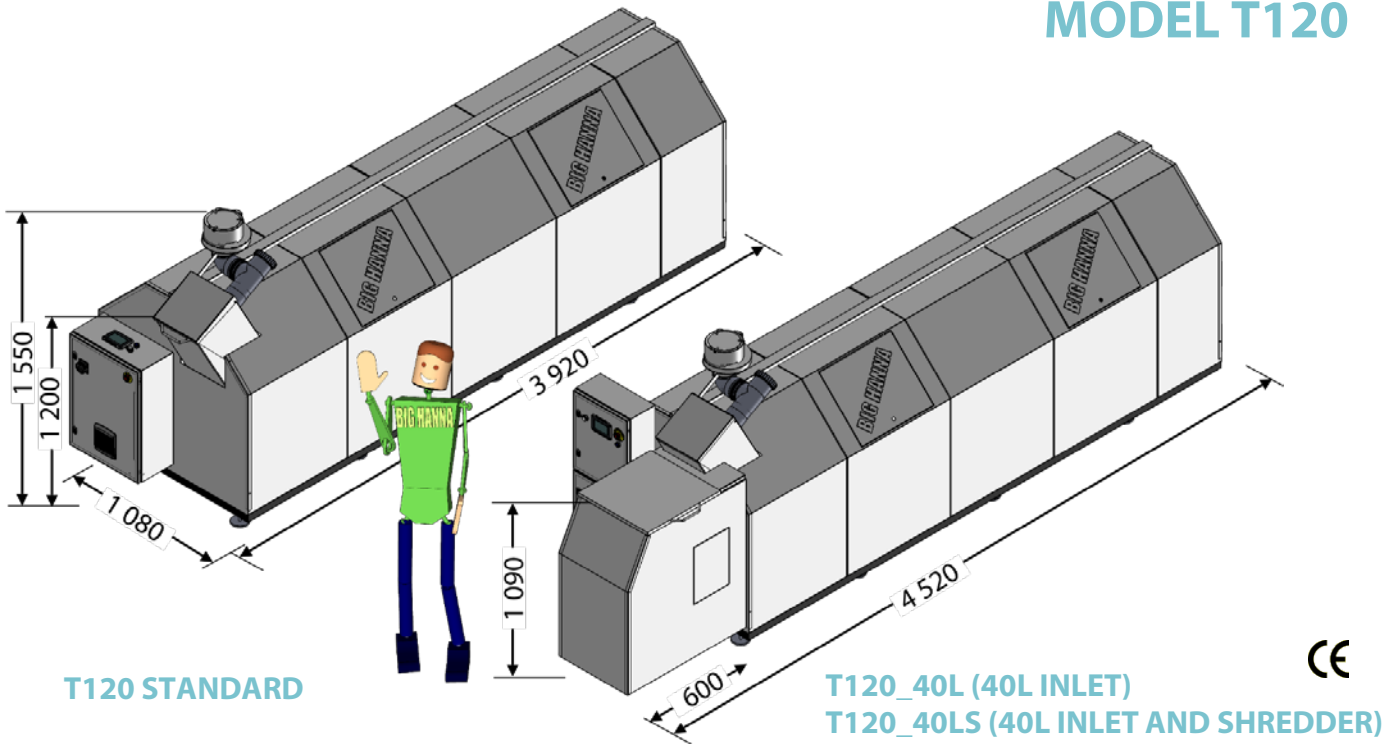




BIGHANNA[™] composter

MODEL T120



T120 STANDARD

T120_40L (40L INLET)

T120_40LS (40L INLET AND SHREDDER)



Capacity*)

Food waste/day (kg)	40-70
Food waste /week (kg)	300-500
Food waste /annum (kg)	16-26
Number of households	90-135

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

GHG Emissions landfilled	40
GHG Emissions composted on-site	-5
GHG Emissions savings	-46

Capacity when using mechanical dewaterer *)

Food waste/day (kg)	70-115
Food waste /week (kg)	480-800
Food waste /annum (kg)	25-42

Measurements **)

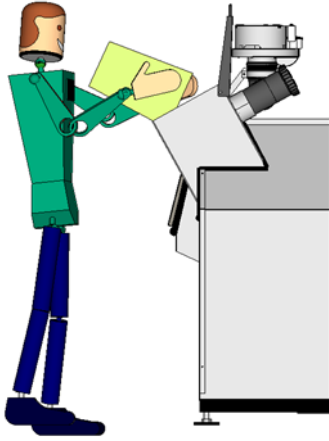
Volume cylinder (m ³)	2
Weight empty (kg)	720
Weight empty incl shredder/inlet (kg)	770
Max weight full incl shredder/inlet (kg)	1900
Number of feet on machine	8
Connection to ventilation (mm)	Ø110
Connection for drainage - infeed hopper (mm)	Ø75/Ø110
Height inlet (mm)	ca 1 200
Infeed opening (mm)	285 x 295
Infeed opening - 40L inlet (mm)	500x470
Volume hopper fed inlet (l)	40
Height under outlet (mm)	590
Height - option shredder (mm)	1 700

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	✓



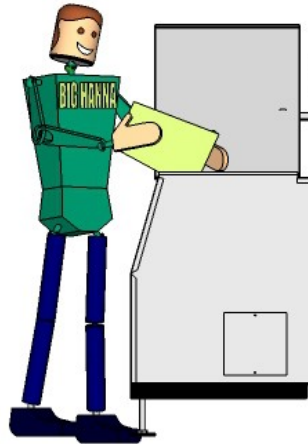
BIGHANNA[™] composter



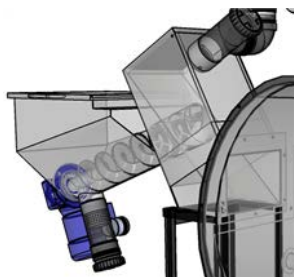
STANDARD INLET

For larger volumes of food waste a 40 litre inlet may facilitate handling of the food waste and feeding of the Big Hanna Composter. The standard inlet is appr. 1 200 mm high and the 40 litre inlet is appr. 1 090 mm. Maximum size of non-soft food waste is Ø 12 cm. The 40 litre inlet increases the length of a standard machine (with or without shredder unit) with 600 mm.

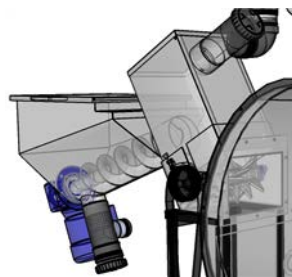
Restaurants often prefer this option. A shredder can be fitted together with the 40 litre inlet.



40L INLET



40L INLET WITHOUT SHREDDER



40L INLET WITH SHREDDER

A shredder can be installed in between the auger feeder and the cylinder on models T60 and T120 only. The shredder cuts the material and increases the capacity of the Big Hanna Composter. The shredder is made of durable high grade-steel.

Electrical supply*)**

Power supply	400 V, 3-phase, 50 Hz, 10 A
Ampere incl 40L inlet	10 A
Ampere incl 40L inlet & shredder	16 A
Energy consumption ****)	
Total kWh/day standard model	1,11
Total kWh/day, incl 40L and shredder	1,76

*) 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.

