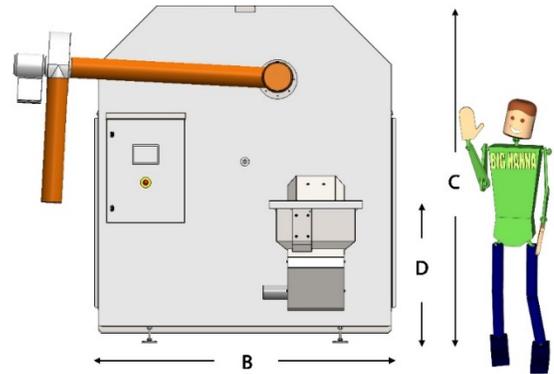
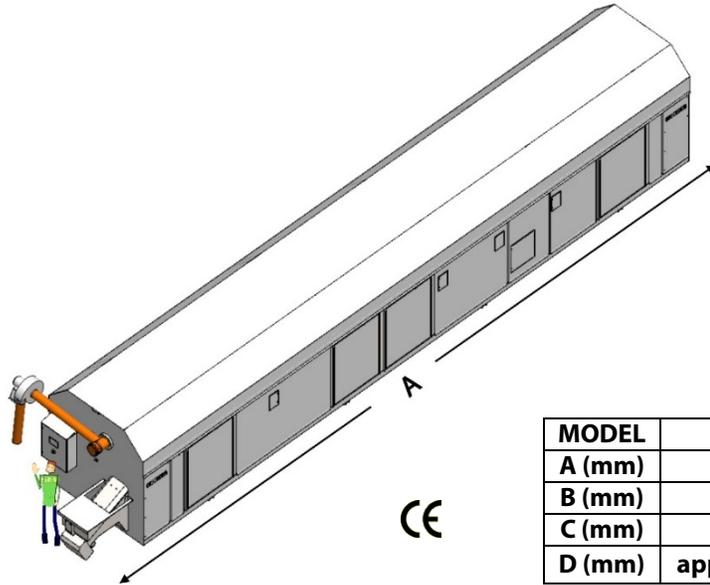




# BIGHANNA<sup>™</sup> composter

## MODEL NETER12 TO NETER36



MODEL	Neter12	Neter20	Neter28	Neter36
A (mm)	35' 9.1"	34' 1.4"	43' 3.7"	50' 10.2"
B (mm)	6' 10.7"	7' 6.6"	7' 6.6"	7' 6.6"
C (mm)	8' 6.4"	8' 6.4"	8' 6.4"	8' 6.4"
D (mm)	approx. 3' 3.4"	approx. 3' 3.4"	approx. 3' 3.4"	approx. 3' 3.4"

Model	Neter12	Neter20	Neter28	Neter36
<b>Capacity*</b>				
<b>Food waste/day (lbs.)</b>	378-1,134	630-1,890	882-2,646	1,134-3,400
<b>Food waste/week (lbs.)</b>	2,650-7,900	4,400-13,220	6,150-18,500	7,900-23,800
<b>Food waste/annum (lbs.)</b>	138,000-411,000	229,000-686,000	320,000-962,000	411,000-1,238,000
<b>GHG Emissions (MTCO<sub>2</sub>EQ) avoided calculated on <a href="http://www.epa.org">www.epa.org</a> using WARM (per year)</b>				
<b>GHG Emissions landfilled</b>	287	479	672	863
<b>GHG Emissions composted</b>	-37	-62	-86	-111
<b>GHG Emissions savings</b>	-324	-541	-758	-974
<b>Capacity when using mechanical dewaterer*</b>				
<b>Food waste/day (lbs.)</b>	605-1,814	1,008-3,023	1,411-4,233	1,814-5,442
<b>Food waste/week (lbs.)</b>	4,200-12,700	7,000-21,200	9,900-29,500	12,700-38,000
<b>Food waste/annum (lbs.)</b>	218,400-660,000	364,000-1,102,000	514,800-1,534,000	660,400-1,976,000
<b>Measurements**)</b>				
<b>Volume cylinder (ft<sup>3</sup>)</b>	423.8	706.3	988.9	1,271.4
<b>Weight cylinder empty (lbs.)</b>	13,230	15,440	18,740	23,150
<b>Max weight cylinder full (lbs.)</b>	31,800	46,300	62,000	78,700
<b>Number of feet on cylinder</b>	12	12	12	12
<b>Connection to ventilation (inches)</b>	Ø4"	Ø4"	Ø5"	Ø5"
<b>Connection for drainage - infeed hopper (inches)</b>	Ø3"/Ø4"	Ø3"/Ø4"	Ø3"/Ø4"	Ø3"/Ø4"
<b>Height inlet (inches)</b>	approx. 3' 3.4"	approx. 3' 3.4"	approx. 3' 3.4"	approx. 3' 3.4"
<b>Infeed opening (inches)</b>	19.3"x23.2"	19.3"x23.2"	19.3"x23.2"	19.3"x23.2"
<b>Volume hopper fed inlet (gallons)</b>	20	20	20	20
<b>Height under outlet (inches)</b>	38.2"	44.1"	44.1"	44.1"
<b>Electrical supply***)</b>				
<b>Power supply</b>	204/240V	204/240V	204/240V	204/240V
<b>Energy consumption ****)</b>				
<b>Total kWh/day incl 20-gallon hopper fed inlet</b>	11,88	12,70	13,53	14,27

\*) 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.

\*\*) Measurements for Neter range includes 20-gallon hopper.

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

\*\*\*\*) The electrical 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 41-50° F. This is not included in the electrical consumption.

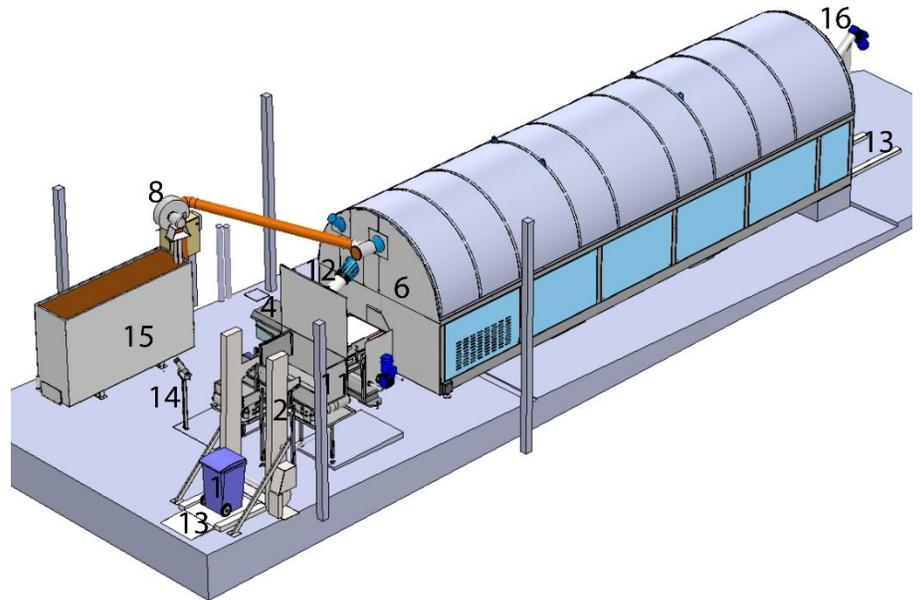
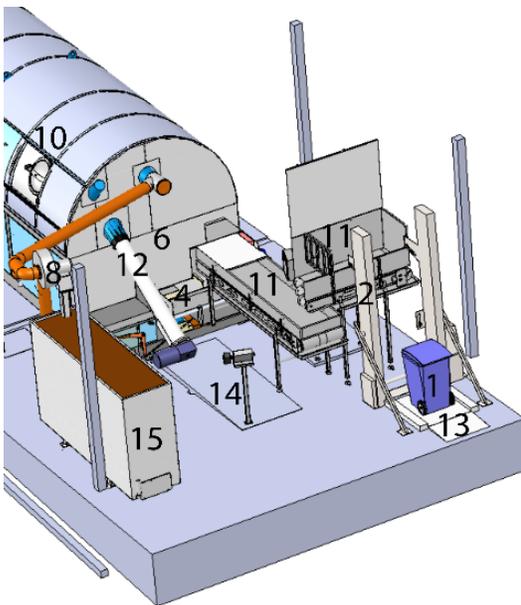
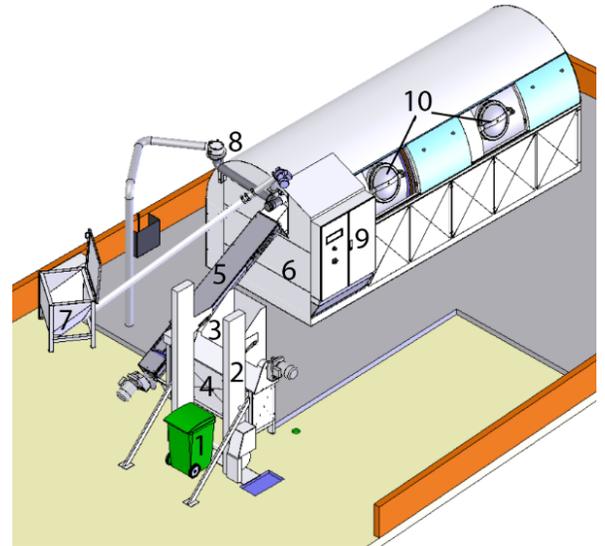
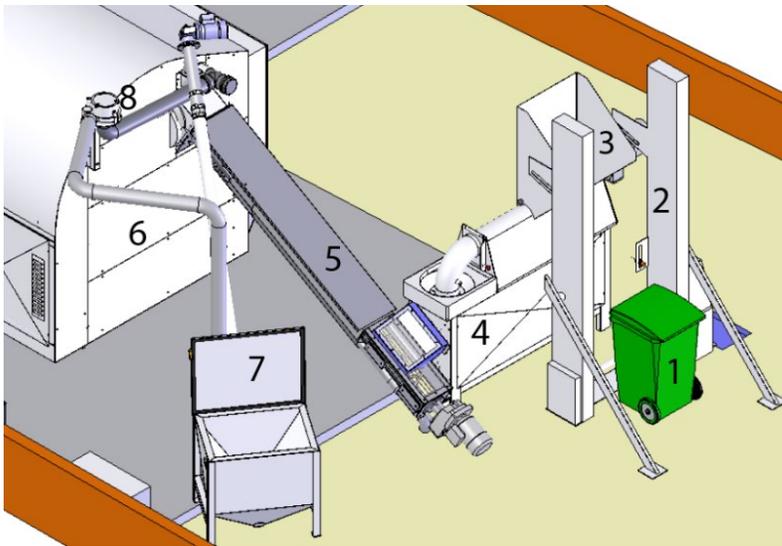
© Susteco AB reserves the right to modify, at any time and without notice, any or all of its products' features, designs, components and specifications.



# BIGHANNA™ composter

## CUSTOMIZED INFEED SYSTEM

There are different sized hoppers if the food waste is collected in bins or by trucks. Shredder or macerator in combination with a screw press may be necessary if the food waste is very wet. Automatic pellets feeder facilitates adding of pellets on larger machines. Automatic scales and scale instruments can be chosen if logging the weight of input and output automatically is required.



- 1. Bin
- 2. Bin lift
- 3. Hopper
- 4. Shredder
- 5. Dewatering unit (screw press)

- 6. Composter
- 7. Automatic pellets feeder
- 8. Fan
- 9. Electrical cabinet
- 10. Inspection door on cylinder

- 11. Conveyor belt
- 12. Infeed auger
- 13. Scale
- 14. Scale instrument
- 15. Biofilter
- 16. Output auger



# BIGHANNA™ composter

Equipment	Neter12	Neter20	Neter28	Neter36
Temperature sensors	4	4	4	4
Inspection door(s) on hood	4	4	5	5
Access door(s) in to cylinder	2	2	3	3
Touch screen panel	✓	✓	✓	✓
<b>Optional equipment for composter</b>				
Mobile or wireless router	✓	✓	✓	✓
Log in via computer, phone or tablet & email alarms	✓	✓	✓	✓
SMS alarms	✓	✓	✓	✓
Energy meter	✓	✓	✓	✓
Scales	✓	✓	✓	✓
Rfid reader	✓	✓	✓	✓
Moisture sensor in mass (VWC)	✓	✓	✓	✓
Humidity (rH) and Temperature sensor in air	✓	✓	✓	✓
CO2 sensor in air	✓	✓	✓	✓
Hopper fed 10 gallon 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

