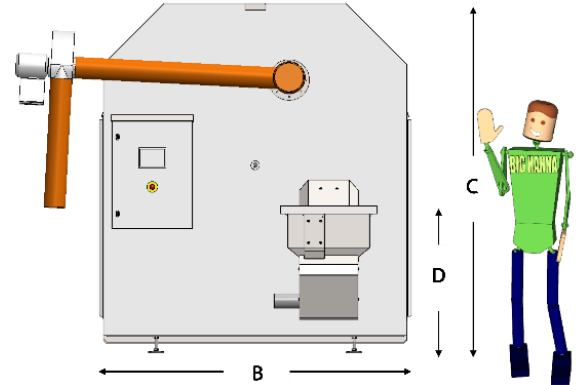
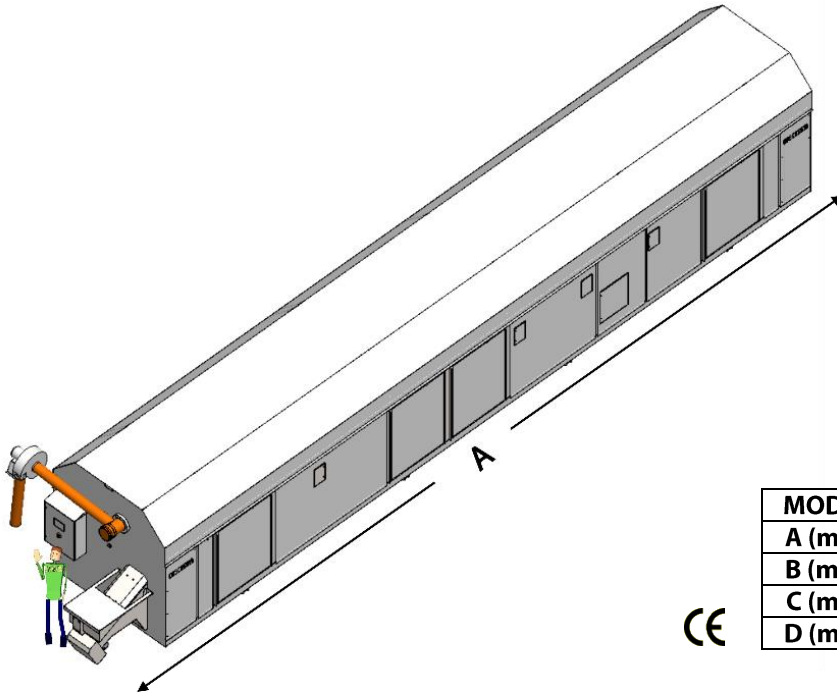




# BIGHANNA<sup>™</sup> composter

## MODEL NETER12 TO NETER36



| MODEL  | Neter12 | Neter20 | Neter28 | Neter36 |
|--------|---------|---------|---------|---------|
| A (mm) | 10 900  | 10 400  | 13 200  | 15 500  |
| B (mm) | 2 100   | 2 300   | 2 300   | 2 300   |
| C (mm) | 2 600   | 2 600   | 2 600   | 2 600   |
| D (mm) | 1 000   | 1 000   | 1 000   | 1 000   |



| Model   | Neter12                            | Neter20    | Neter28    | Neter36    |
|---|------------------------------------|------------|------------|------------|
| <b>Capacity*</b>  |                                    |            |            |            |
| Food waste/day (kg)   | 170-515                            | 285-855    | 400-1200   | 515-1545   |
| Food waste/week (kg)  | 1200-3600                          | 2000-6000  | 2800-8400  | 3600-10800 |
| Food waste/annum (ton)  | 62-187                             | 104-312    | 146-437    | 187-562    |
| <b>GHG Emissions (MTCO2EQ) avoided calculated on www.epa.org using WARM</b> |                                    |            |            |            |
| GHG Emissions landfilled  | 287                                | 479        | 672        | 863        |
| GHG Emissions composted   | -37                                | -62        | -86        | -111       |
| GHG Emissions savings   | -324                               | -541       | -758       | -974       |
| <b>Capacity when using mechanical dewaterer*</b>                            |                                    |            |            |            |
| Food waste/day (kg)   | 340-825                            | 570-1370   | 800-1925   | 1025-2450  |
| Food waste/week (kg)  | 2400-5760                          | 4000-9600  | 5600-13450 | 7200-17250 |
| Food waste/annum (ton)  | 125-300                            | 208-499    | 290-699    | 374-899    |
| <b>Measurements**</b>   |                                    |            |            |            |
| Volume cylinder (m3)  | 12                                 | 20         | 28         | 36         |
| Weight cylinder empty (kg)  | 6000                               | 7000       | 8500       | 10500      |
| Max weight cylinder full (kg)   | 14400                              | 21000      | 28100      | 35700      |
| Number of feet on cylinder  | 12                                 | 12         | 12         | 12         |
| Connection to ventilation (mm)  | Ø110                               | Ø110       | Ø140       | Ø140       |
| Connection for drainage - infeed hopper (mm)                                | Ø 75/ Ø110                         | Ø 75/ Ø110 | Ø 75/ Ø110 | Ø 75/Ø110  |
| Height inlet (mm)   | ca 1000                            | ca1000     | ca 1000    | ca 1000    |
| Infeed opening (mm)   | 490 x 590                          | 490 x 590  | 490 x 590  | 490 x 590  |
| Volume hopper fed inlet (l)   | 80                                 | 80         | 80         | 80         |
| Height under outlet (mm)  | 970                                | 1120       | 1120       | 1120       |
| <b>Electrical supply***</b>   | <b>400 V, 3-phase, 50 Hz, 16 A</b> |            |            |            |
| <b>Power supply (all models)</b>  | <b>400 V, 3-phase, 50 Hz, 16 A</b> |            |            |            |
| <b>Energy consumption ****</b>  |                                    |            |            |            |
| Total kWh/day incl 80L hopper fed inlet                                     | 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 80L 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 10°C. This is not included in the electrical consumption.



# BIGHANNA<sup>™</sup> composter

## Equipment

|   |    |
|---|----|
| Temperature sensors                                   | 10 |
| Inspection door(s) on hood                            | 3  |
| Access door(s) in to cylinder                         | 3  |
| 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  | ✓  |

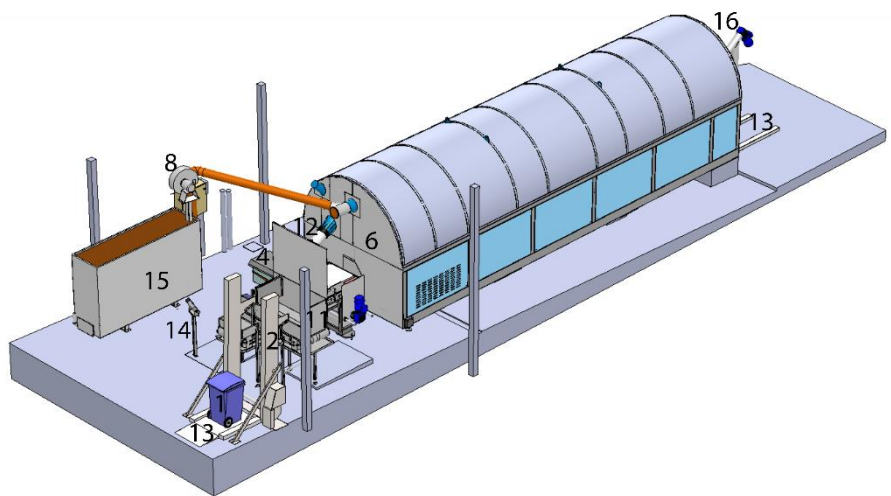
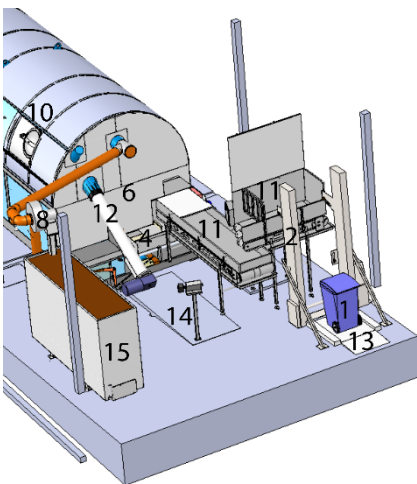
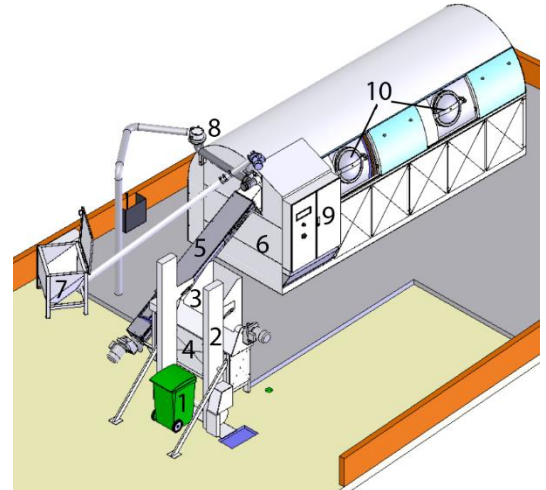
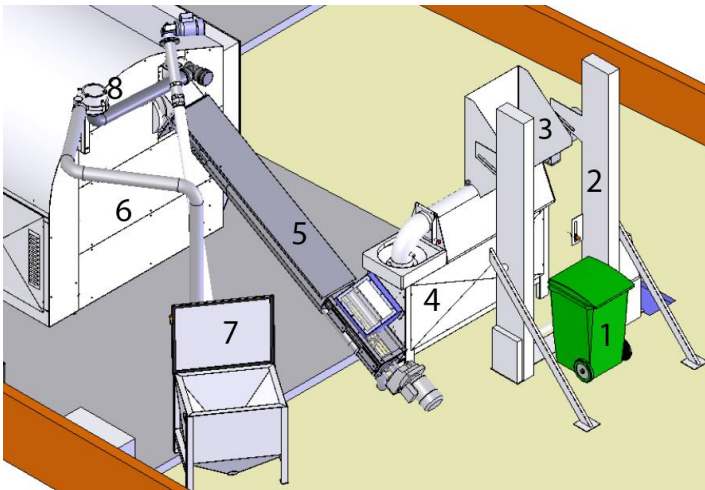
## Infeed options available

|                               |   |
|-------------------------------|---|
| Customized hopper             | ✓ |
| Shredder                      | ✓ |
| Bin tipper/ bin lift          | ✓ |
| Sliding hatch                 | ✓ |
| Dewatering unit (screw press) | ✓ |
| Automatic pellets feeder      | ✓ |
| Scales                        | ✓ |

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## 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                           | 7. Automatic pellets feeder     | 12. Infeed auger     |
| 2. Bin lift                      | 8. Fan                          | 13. Scale            |
| 3. Hopper                        | 9. Electrical cabinet           | 14. Scale instrument |
| 4. Shredder                      | 10. Inspection door on cylinder | 15. Biofilter        |
| 5. Dewatering unit (screw press) | 11. Conveyor belt               | 16. Output auger     |
| 6. Composter                     |                                 |                      |



# BIGHANNA™ composter





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