

# BIGHANNA™ composter

Nature and technology - a sustainable solution



## Expertise and innovation

Tony Team's enviable reputation has been built on excellence of product quality backed-up by the highest levels of customer service. For over 30 years we have been sharpening the leading edge of compactor and baling technology to bring you the most reliable and cost-effective waste management solutions.

**TONY TEAM**

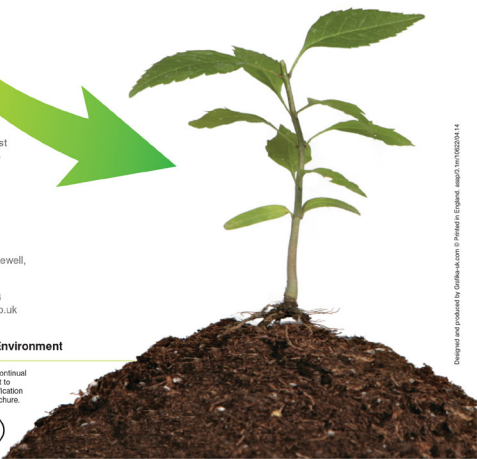
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Total Waste Handling Solutions for a Better Environment



FM 41544

In view of Tony Team's policy of continual improvement, we reserve the right to alter or amend any product specification or detail contained within this brochure.



# A natural resource from your food waste

## Big Hanna Composter

### Key Features

- Environmentally friendly peat free compost in 6-10 weeks
- On-site composting means less vehicle visits and a lower carbon footprint
- Cleaner, lighter bins, reduced odours & less potential for vermin
- Saves on cost of collection & landfill tax
- You get back 10% of what you put in
- Low energy consumption & maintenance costs
- Constructed in durable stainless steel
- 5 sizes, from 75 kilo's to 2,400 kilo's of food waste per week
- A good educational tool for schools, colleges & prisons

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### Simple And Safe Composting

Food waste is loaded at the front of Big Hanna Composter and compost is automatically discharged to the rear. Big Hanna Composter is manufactured in stainless steel and is, of course, CE-marked.

### Outdoors / Indoors

Big Hanna Composter can be installed indoors as well as outdoors. When installed outdoors there must be a roof over the Big Hanna Composter to make feeding and servicing more convenient and protecting the machine from the elements.

### Low Noise Levels

Big Hanna rotates on an average 1-2 minutes every 1-2 hours. Fan runs constantly at a low airflow giving a noise level of 45-55 dB depending on the installation site. When the shredder (optional equipment on model T60 and T120) is working for 2 minutes per feed the noise level is 60-85 dB depending on the type of waste material.

### Optional Equipment

For Big Hanna Composter models T60 and T120 a hopper fed inlet could sometimes facilitate the handling of the food waste. As an option a shredder can be fitted together with this inlet. Bin lift for 80 litre specified bins is optional on model T240 and T480. Logging of temperatures and monitoring via cable is available for models T60-T480.

### Floor

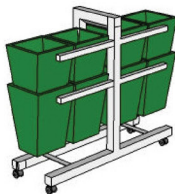
We recommend a ashable concrete floor especially for the larger, heavier models.

### Time in Cylinder

Keeping all material in the cylinder for 8-10 weeks ensures that the compost is safe to use, free from odour and pathogens. In that time the reduction of the food waste is up to 90%.

### Drainage Trolleys

For canteens we can offer a trolley to facilitate the drainage and handling of the food waste.



✓ Big Hanna reduces the food waste up to 90%

✓ Big Hanna cylinder is made from stainless steel.

Model	T40	T60	T120	T240	T480
<b>Capacity</b>					
Kg/day	10-15	20-35	40-70	55-170	115-340
Kg/week	75-100	150-250	300-500	400-1200	800-2400
Tons/annum	4-5	8-13	16-26	21-62	41-124
Number of households	25-35	55-70	90-135	130-300	275-650
<b>Equipment</b>					
Temperature sensors	-	3	3	4	10
Optional logging program	-	✓	✓	✓	✓
Optional hopper fed 40L inlet (in-conveyor)	-	✓	✓	-	-
Optional shredder	-	✓	✓	-	-
Optional bin lift	-	-	-	✓	✓
Inspection door(s) on hood	-	1	2	2	2
Access door(s) in to cylinder	1	1	2	2	2
Visual digital display	-	3	3	3	3
<b>Measurements</b>					
Length (mm)	1,935	2,320	3,820	4,800	6,408
Width (mm)	880	1,080	1,080	1,400	2,000
Height (mm)	1,470	1,550	1,550	2,070	2,195
Volume cylinder (m <sup>3</sup> )	0.61	1.07	2	4	8
Weight empty (kg)	200	440	720	1200	3,400
Weight empty incl shredder/inlet(kg)	-	490	770	-	-
Max weight full incl shredder/inlet (kg)	540	1,100	1,900	3,500	9,000
Number of feet on machine	4	6	8	11	10
Connection to ventilation (mm)	Ø110	Ø110	Ø110	Ø110	Ø110
Connection for drainage					
T240, T480 and 40L hopper (mm)	-	Ø75/ Ø110	Ø75/ Ø110	Ø75/ Ø110	Ø75/Ø110
Height inlet (mm)	ca 1,000	ca 1,200	ca 1,200	ca 1,000	ca 1,000
Inlet measurements (mm)	285 x 295	285 x 295	285 x 295	490 x 590	490 x 590
Volume hopper fed inlet	-	40 l	40 l	80 l	80 l
Height under outlet (mm)	600	590	590	630	970
<b>Electrical supply*</b>					
Power supply	240 V	400 V	400 V	400V	400V
Ampere	10 A	10 A	10 A	16 A	16 A
Ampere incl 40L hopper fed inlet (inconveyor)	-	10 A	10 A	-	-
Ampere incl 40L hopper fed inlet incl shredder	- 1	6 A	16 A	-	-
Phases	1	3	3	3	3
Cable	3	5	5	5	5
Motor composter kW	0.12	0.37	0.37	1.1	0.55
Fan kW	0.04	0.04	0.04	0.04	0.04
In-conveyor kW (40L & 80Lhopper fed inlet)	-	0.55	0.55	0.55	0.55
Shredder kW	-	3	3	-	-
Heater kW	0.5	0.5	0.5	0.5	1
Total kW	0.66	0.91	0.91	2.19	2.47
Total kW incl 40L hopper fed inlet and shredder	-	4.46	4.46	-	-
<b>Energy consumption **</b>					
Total kWh/day standard model	1.01	1.11	1.11	1.53	2.35
Total kWh/day incl 40L hopper fed inlet and shredder	-	-	1.38	1.66	-