

HotRot[®]

COMPOSTING SYSTEMS



HotRot 1206 With Hopper



GROWTH FROM WASTE

HotRot 1206

TYPICAL APPLICATIONS

The baby of the HotRot range, the 1206, is ideal to process organic waste from canteens and commercial premises, with lower volumes. The unit has found favour at resorts, work camps and universities, etc.

FEED SYSTEM

The standard feed hopper enables up to 48-hour unattended operation. The addition of a dewatering unit can help reduce the liquid content of waste, enhancing efficiency and reduces the proportion of bulker required (options are available for dealing with the excess liquid).

LABOUR REQUIREMENTS

The feed hopper allows waste to be loaded once per 24-48-hours allowing the plant to be operated within 2 hours per day excluding shredding green waste (bulker) or sorting or dewatering materials.

ODOUR

A biofilter package incorporating a condensate tank and plenum floor, is supplied with each unit. Installed plant is eligible for HotRot's Odour-Free Guarantee (conditions apply). Biofilter media is required in addition.

LEACHATE

Nil. HotRots produce only a small amount of condensate at the biofilter which can be used for irrigation, wetting maturation piles or discharged to sewer.

CONTROL INTERFACE

High resolution colour touch screen with mimic display, graphical data trends, parameter settings, alarms, multiple language option and online connectivity option.

CONSTRUCTION MATERIALS

Painted mild steel frame and outer hull with stainless steel liner. Stainless steel shaft and tines. Complete stainless-steel units can be supplied for some applications.

DESIGN LIFE *

10+ years *Excluding maintenance and wear items.

Design and specifications may change without notice at any time due to ongoing research and development.

Specifications	
Physical Dimensions	10.6m (l) x 2.0m (w) and 2.15m (h)
Typical Footprint	75m ² with feed hopper and biofilter
Weight (Empty)	2700kg
Power Supply	Variable to suit country. 3-Phase (+neutral + earth)
Power Consumption	26-27kwh/tonne
Noise	<75dB typical when running.
Nominal Processing Capacity	0.3 to 0.5 tonne/day* (up to 180 tpa) with feed hopper

*Includes any amendments required.

The product may require some passive maturation prior to use.

HotRot®

COMPOSTING SYSTEMS



HotRot 1206

With Bin Lifter



GROWTH FROM WASTE

HotRot 1206

TYPICAL APPLICATIONS

The baby of the HotRot range, the 1206 is ideal to process organic waste from canteens and commercial premises, with lower volumes. The unit has found favour at resorts, work camps and universities, etc.

FEED SYSTEM

The standard unit is supplied with a bin-lifter feed unit. A feed hopper option to enable 24/7 unattended operation can be added. The addition of a dewatering unit can help reduce the liquid content of waste, enhancing efficiency and reduces the proportion of bulker required (options are available for dealing with the excess liquid).

LABOUR REQUIREMENTS

Waste should be added periodically through the day direct from wheelie ins, while this only takes a few minutes every hour or two total labour is approximately 23 hours per day to feed unit, remove discharged product and conduct routine maintenance (this does not include shredding bulker or sorting or dewatering waste).

ODOUR

A biofilter package incorporating a condensate tank and plenum floor, is supplied with each unit. Installed plant is eligible for HotRot's Odour-Free Guarantee (conditions apply). Biofilter media is required in addition.

LEACHATE

Nil. HotRots produce a small amount of condensate which can be used for irrigation, wetting maturation piles or discharged to sewer.

CONTROL INTERFACE

High resolution colour touch screen with mimic display, graphical data trends, parameter settings, alarms, multiple language option and online connectivity option.

CONSTRUCTION MATERIALS

Painted mild steel frame and outer hull with stainless steel liner. Stainless steel shaft and tines. Complete stainless-steel units can be supplied for some applications.

DESIGN LIFE *

10+ years *Excluding maintenance and wear items.

Design and specifications may change without notice at any time due to ongoing research and development.

Specifications	
Physical Dimensions	7.15m (l) x 1.40m (w) and 2.70m(h)
Typical Footprint	30m ² with bin lifter and biofilter
Weight (Empty)	2700kg
Power Supply	3-Phase (+neutral + earth)
Power Consumption	26-27kwh/tonne
Noise	<75dB typical when running.
Nominal Processing Capacity	300kg/day* (100 tonne per annum) with bin lifter

*Includes any amendments required.

The product may require some passive maturation prior to use.