

HotRot[®]

COMPOSTING SYSTEMS



HotRot 1509
With Hopper



GROWTH FROM WASTE

HotRot 1509

TYPICAL APPLICATIONS

The HotRot 1509 sits between the HotRot 1206 and 1811 and is also ideal for processing organic waste from canteens and commercial premises. The unit has found favour at some remote work camps and smaller communities.

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

Mild steel, grit blasted, zinc-arc sprayed frame and outer hull with stainless steel liner. Stainless or mild steel shaft and tines.

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	87m 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	1.0 to 1.3 tonne/day* (up to 470 tpa) with feed hopper

*Includes any amendments required.

The product may require some passive maturation prior to use.