

HotRot®

COMPOSTING SYSTEMS



HotRot 1811



GROWTH FROM WASTE

HotRot 1811

TYPICAL APPLICATIONS

Suitable for on-site applications (commercial food, mining camps, zoos, poultry mortalities) or smaller municipal transfer stations and sewage treatment plants.

FEED SYSTEM

A feed hopper enables 24/7 unattended operation. Multiple units can be installed in parallel with individual or larger common feed hoppers. Alternatively, a bin lifter may be used for homogenous wastes where staff are undertaking other activities in the vicinity (e.g. a waste management facility at a remote camp). Ancillary equipment such as feed hoppers, bin-lifters, augers, conveyors, shredders and dewatering units are options that can be supplied as part of a turnkey installation.

ODOUR

A bio filter 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

Standard: Painted mild steel frame and outer hull with stainless steel liner. Mild steel shaft and tines.

Optional: Stainless steel shaft, tines and end-plate liners where low pH conditions are anticipated.

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	Length overall – 12.78m
	Width overall – 2.2m
	Height overall – 2.24m – Plus ancillaries
Typical Footprint	120m ² includes feed hopper, biofilter, feed and discharge augers
Weight (Empty)	11,500kg
Power Supply	Typically 400V, 32A, 3-phase (+neutral+ earth) 50Hz. Other voltages available
Power Consumption	26kwh/tonne
Noise	75dB typical when running, 1.5m from unit
Nominal Processing Capacity	1.7t/day (600 tpa) with bin lifter
	2.5t/day (900 tpa) with feed hopper
	Both prior to dewatering unit. The product may require some passive maturation prior to use or final testing.