

# HotRot®

COMPOSTING SYSTEMS



## HotRot 3518



GROWTH FROM WASTE

# HotRot 3518

## TYPICAL APPLICATIONS

The HotRot 3518 is the largest of Global Composting Solution's in-vessel composting units. Designed for larger municipalities and sewage treatment plants.

## FEED SYSTEM

Feed hoppers enable 24/7 unattended operation. Ancillary equipment such as augers, conveyors, biofilters and dewatering units can be supplied as part of a turnkey installation.

## NOMINAL PROCESSING CAPACITY

10 tpd (3,600 tpa). Multiple units can be installed in parallel to provide increased capacity up to 60 tpd (36,000 tpa). Nominal capacity assumes the production of a relatively stable, compostable product. If other criteria are required to be met (e.g. NZS/AS4454) the product will require some passive or static pile maturation/storage prior to use or final testing.

## ODOUR

A biofilter enclosure and fill media are usually constructed as part of civil works for this unit. Installed plant is eligible for HotRot's Odour-Free Guarantee (conditions apply).

## 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

Pre-cast concrete OR painted mild steel frame and outer hull with stainless steel liner. Mild steel shaft and tines.

## DESIGN LIFE \*

15 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 – 21.97m
	Width overall – 4.92m
	Height overall – 4.25m – Plus ancillaries
Typical Footprint	200m <sup>2</sup> includes feed hopper, biofilter, feed and discharge augers
Power Supply	Typically 400V, 50A, 3-phase (+neutral +earth) 50Hz. Other voltages available
Power Consumption	26kwh/tonne
Noise	75dB typical when running, 1.5m from unit
Nominal Processing Capacity	With feed hopper 10 t/day (3600 tpa)
	Both prior to dewatering unit. The product may require some passive maturation prior to use or final testing.