



# HotRot Trommel Screen

- Offer of two versions of its proprietary HotRot trommel screen.
- Used to remove larger pieces of wood that may pass through the composting unit.
- Must be installed under cover.
- Smaller screen is designed for on-line use with one or two HotRot 1811s.
- Larger stand-alone trommel screen is designed for loading with a small loader or "Bobcat".



## Global Supplier

Global Composting Solutions is the global supplier of HotRot in-vessel composting systems which take the nuisance out of large scale composting.



## Turnkey Solutions

It is ideal for organic waste composting at zoos, universities, resorts and remote site organic waste disposal e.g mining, oil and gas projects.



## Integrated Solution

Where necessary Global Composting offers a complete integrated solution from waste collection, pre-processing and sorting, through to composting and end-product use.



## Compelling Proposition

HotRot technology is simple to operate, requires minimal space, has low labour/maintenance requirements and is leachate free.

# HOTROT TROMMEL SCREEN

Global Composting offers two versions of its proprietary HotRot trommel screen. A smaller screen is designed for on-line use with one or two HotRot 1811s and integrates with the standard incline discharge auger. A larger stand-alone trommel screen is designed for loading with a small loader or "Bobcat"; this unit can also be supplied with product handling and stacking conveyors.

A product screen is used to remove larger pieces of wood that may pass through the composting unit. While these materials are not detrimental to the final compost it is normal to remove them from bagged or high quality product. In a situation where the supply of wood or green waste, which can be shredded for use as an amendment, is limited, screening of the compost allows the over-sized fraction to be reprocessed through the HotRot composting unit. Alternatively the over-sized material can be used as surface mulch; i.e., spread on the surface around tree or shrubs to help moisture retention or suppress weed growth.

A product screen must be installed under cover and is normally mounted on the walls of two concrete bunkers – one for screened compost and one for oversized. If the deck of the screen or the compost becomes wet then screening efficiency is significantly impaired.

## HOTROT 2200 TROMMEL

The HotRot 2200 trommel screen is designed to be used on-line with a single HotRot 1811 composting unit. The screen is fitted up to the discharge auger.

SPECIFICATIONS	
Screen size	2,200mm long by 1,000mm diameter
Screen aperture	12-15mm
Throughput	2.0-4.0m <sup>3</sup> /h
Drive	1.5kW via reduction gearbox and rubber friction wheel to outside of screen drum
Frame	Mild-steel RHS, zinc-primed and epoxy top coat

In-feed Direct from incline product auger (loading with a small skid-steer or wheel loader requires modification).

## HOTROT 3300 TROMMEL

An offline HotRot 3300 screen is supplied with additional conveyors. This screen also longer than the on-line model and has a larger feed chute to cope with batch loader using a loader.

SPECIFICATIONS	
Screen size	3,300mm long by 1,000mm diameter
Screen aperture	12-15mm
Throughput	4.0-6.0m <sup>3</sup> /h
In-feed	Stainless steel in-feed chute 1.8m wide and 1.2m deep
Drive	1.5kW via reduction gearbox and rubber friction wheel to outside of screen drum
Frame	Mild-steel RHS, zinc-primed and epoxy top coat
Under frame conveyor	600mm wide, horizontal belt conveyor for transferring fines.
Incline "fines" conveyor	600mm wide chevron belt incline conveyor, stacking height 2.8m
Inclined "overs" conveyor	600mm wide chevron belt incline conveyor, stacking height 2.5m

It is recommended that the off-line screen be installed under a roofed area approximately 9.0m x 9.0m with concrete push walls to form bunkers for both the fines and over-sized.