

## BHS Debris Roll Screen®



2" plus material



1-2" material



1" minus material

The portable, skid-mounted BHS Debris Roll Screen® processes a high volume of matured compost, creating precisely-sized material streams. The patented tri-disc design allows for superb agitation to aid in screening efficiency as well as accurate material sizing.

The DRS® is available in two Inter-Face Opening (IFO) sizes: one capable of creating a 2" minus product and the other at 1" minus product. Available in 50", and 60" widths for the 1" screen and in 60" and 72" widths for the 2" screen with multiple shaft configurations depending on material composition, density and throughput.

Case-hardened cast steel discs are durable and long lasting

Minimized blinding and clogging of openings, reducing downtime

More than two times the throughput of a typical trommel screen

Small screen footprint and in-line screening for a compact system

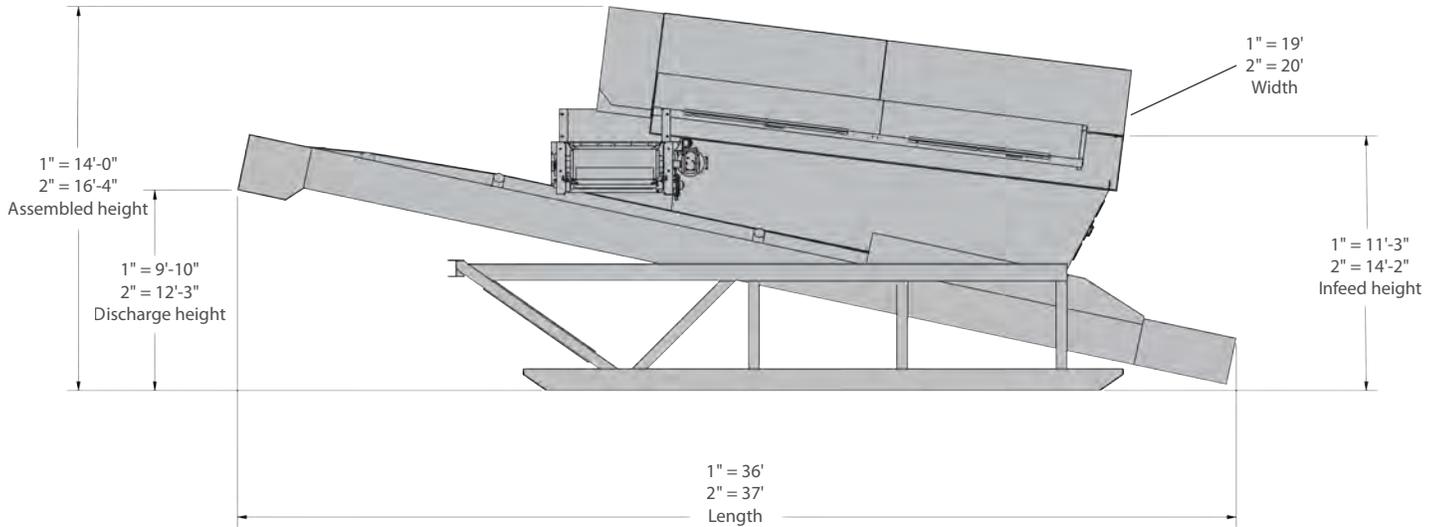
Perfect for use as a primary screen in preparation for BHS DRS® Fines Screen

Compost Systems



*What's next.*

# Debris Roll Screen®



## Technical Specifications

<b>Screen Angle</b>	5-10 degrees
<b>Frame Construction</b>	2" (50 mm) formed steel plate
<b>Screening Shafts</b>	2" screen: carbon steel tubing
<b>Screen Discs</b>	Available in 1" (25 mm) or 2" (50 mm) nominal IFO; case-hardened cast steel
<b>Drive Motors</b>	Each deck equipped with a single premium efficiency SEW-EURODRIVE gearmotor and variable frequency drives
<b>Controls</b>	NEMA 4 self-contained control package available
<b>System Installation</b>	Screen can also be structure mounted for incorporation into existing or new material processing facilities

Model	1" (25 mm)	2" (50 mm)
Capacity	40-50 tph	60-70 tph
Dimensions	W 19' L 36' H 14' (4.7m x 10.4m x 3.4m)	W 20' L 37' H 16'-4" (6m x 11.2m x 5m)
Screen widths & Shaft configurations	50" or 60" wide 15, 19 or 23 shafts	60" or 72" wide 15 or 19 shafts

### Precise IFOs

The unique disc shape and configuration of the Fines Screen creates precise Inter-Face Openings (IFOs) for accurate material sizing and minimum blinding or clogging of openings.

Other screens have uneven openings with secondary slots causing inaccurate sizing. Overlapping discs cause material wrapping and pull long stringy material through screen.

