

Gritbuster UNO



Specifications

Weight : 8000kg
Length : 6.5m
Width : 5.14m
Height : 2.45m
Power : 15kW

Water usage : No Clean water required. (Water treatment for waste water optional)

Throughput : up to 30tph (average 15-25tph gully waste / sweepings)

Loading : Telehandler or JCB 3cx type machine or direct tip with option ramps or drive over (pictured)

Recovered products : Dewatered product of rapidly separating solids

<1mm dirty water -
(Can be treated for discharge to sewer)

Brief overview

- The Gritbuster Uno is designed to quickly process the waste from a number of sweeper/gully tankers by separating rapidly settling solids from liquid.
- Sweeper/gully vehicles either back up an access ramp (if the unit is not recessed into the ground) and empty the contents into the reception hopper. The larger, more rapidly settling solids settle to the base of the unit where a horizontal auger screws the settled solids to the end, from where they are conveyed out of the unit via an inclined auger.
- The recovered solids can either be dropped directly into a skip or further dewatered on a vibrating deck before dropping into the skip.
- The dirty water (containing the fine non settling solids) passes through a coarse screen into a dirty water pump, from where it is transferred to the water treatment unit.
- The advantages of the process include
 - Reduced cost of transporting waste
 - Reduced disposal costs
 - Increased efficiency as no need for sweepers to leave site to tip
 - Potential to add additional equipment to the system to separate products further.

