

Honey Monster® Septage Receiving Station



Honey Monster SRS-ALT is a self-contained septage receiving system

The Honey Monster SRS-ALT is a self-contained septage receiving system utilizing the ALT auger spiral conveyor that screens, washes, dewateres, and removes unwanted debris discharged from septage trucks.

The receiving tank contains an Auger Monster® ALT using a spiral screw and perforated screen to remove solids introduced by septage trucks. Aided by an optional 30004T Muffin Monster®, the solids are cleaned, transported, and compacted prior to discharging into a receptacle for removal to a landfill. The screened liquid is returned to the waste stream. A modulating plug valve controls the inlet septage flow rate to prevent overflow and ensure the ALT is working at optimal efficiency.



FEATURES & BENEFITS

Advanced screening and dewatering

- Auger Monster screen with 6 mm perforations removes unwanted solids and trash
- Perforated screen captures far more than bar screens
- Patented dual-compartment compaction zone provides significant additional dewatering

Easy access, pivoted auger

- The auger is mounted to a pivot support for easy inspections and removal
- A forklift or crane can lift and swivel the screening trough and auger out of the tank

Dual-shafted grinder

- Muffin Monster grinder maximizes surface area of solids for better washing and compacting

Triple-manifold wash water system

- Washes soft organics off of captured debris
- Ensures optimal throughput while minimizing odors

Ultrasonic level sensor

- Regulates plug valve for optimum performance
- Baffles prevent overflow conditions

Product and Performance Details

Tank, piping and support: 304 stainless steel

Auger assembly: Casings and trough are 304 stainless steel; rotor is 480 mm Ø alloy steel

Grinder housing: Ductile iron housings ASTM A536-77

Cutters: Hardened alloy steel

Mechanical seal faces: Tungsten carbide

Operation

1. Haulers connect to the cam lock inlet and start the flow of septage which first passes through the rock trap
2. Muffin Monster grinds up solids
3. Ultrasonic level sensor and modulating plug valve regulate flow
4. If the MonsterTrack option is installed, the flow meter sends data to the controller.
5. Septage and solids now enter the perforated screening trough; spray wash cleans the solids and keeps the screen clear
6. The unwanted solids are captured by the inclined auger screen and transported to the compaction zone for additional dewatering before being discharged
7. The screened septage now safely flows into the wastewater treatment plant

Options



Cold Weather System
Insulation Blanket



Discharge Bagger



MonsterTrack System

