

# SPIRALIFT® SR

## Septage Receiving System

SPIRALIFT® Septage Receiving Stations facilitate the clean and efficient offloading of septage trucks and reduce the wear on downstream equipment. These pre-engineered, fully enclosed systems feature shaftless screw technology and more. With the optional S270-SRH Hauler Control, the SR authenticates, monitors and records hauler access automatically, substantially saving plant personnel time. The SPIRALIFT SR is part of a wide range of Franklin Miller receiving septage solutions.



**Effectively Separates & Washes Solids | Orderly Receiving from Septage Haulers**  
**Shaftless Screw Technology | Grinder with Tramp Trap | Monitors & Authenticates Haulers**

### Operation



Septage trucks connect to the system's inlet via a quick-connect coupling. After the operator sets the control system to the ON position, an intake valve opens automatically, the spray wash valve opens and the TASKMASTER TT grinder (if supplied) is energized. As the septage flows by gravity into the system, the solids are captured on a perforated screen where they are washed. Once the flow rises to a preset level, the screw screen is energized automatically. The solids are conveyed, compacted and then discharged.

### Construction

SPIRALIFT systems are constructed for strength and durability. The main housing, screw trough and screen are constructed of heavy stainless steel. The auger screws are shaftless and made of heavy alloy steel. An access port on top of the units allows for convenient inspection and maintenance of the interior. The units are provided with a built-in ultrasonic transducer type level sensor. A stainless steel spray wash manifold washes the screenings. The units are provided with heavy duty gear reducers rated for long life in continuous service.



*Durable segmented brushes make replacement easy.*

*Left: The SPIRALIFT SR-2 adds grit separation. Grease separation is also available in the SR-3.*



*The TASKMASTER TT grinder features a unique tramp trap for separating and removing rocks and debris.*

## Receiving System Choices



### Level 1

The Level 1 system includes everything required to operate, monitor, control and administer a septage station.

Includes:

- Pipe Manifold
- Valve
- Flow Meter
- Controller
- Optional HaulerLogic™ Software



### Level 2

The Level 2 system includes everything in the Level 1 system plus a TASKMASTER® TT grinder with a unique tramp trap for heavy rocks and debris, which grinds and crushes solids in order to protect pumps and other plant equipment.

Includes:

- Pipe Manifold
- TASKMASTER TT Grinder with Rock Trap
- Valve
- Flow Meter
- Controller
- Optional HaulerLogic™ Software



### Level 3

The Level 3 system includes everything in Level 2 plus a SPIRALIFT SR. The SPIRALIFT SR washes, compacts and conveys solids in one integrated system.

Includes:

- Pipe Manifold
- TASKMASTER TT Grinder with Rock Trap
- SPIRALIFT Screening System
- Valve
- Flow Meter
- Controller
- Optional HaulerLogic™ Software

## SRH Hauler Station

The Hauler Station identifies haulers with a card swipe system, permits access, tracks loads, records transactions and prints



transaction receipts. Once the driver's ID is validated with a swipe of their card, the system's automated operation is initiated. The control's HMI interface displays transaction information and the system status, while also providing access for

system administration. When completed, the hauler is provided a receipt.

## HaulerLogic™ Software

HaulerLogic™ software was specifically developed for administration of septage receiving. This powerful software interfaces with and extends the capabilities of Franklin Miller hauler station controllers.



With HaulerLogic™ software, you can monitor hauler transactions and add or modify users and trucks. This software can also create, view or print single or multiple invoices, grant or disable hauler rights, display or print account balances, view transaction and account reports, among many useful features.