

Horizontal Storage Silo

Model #HS 50T

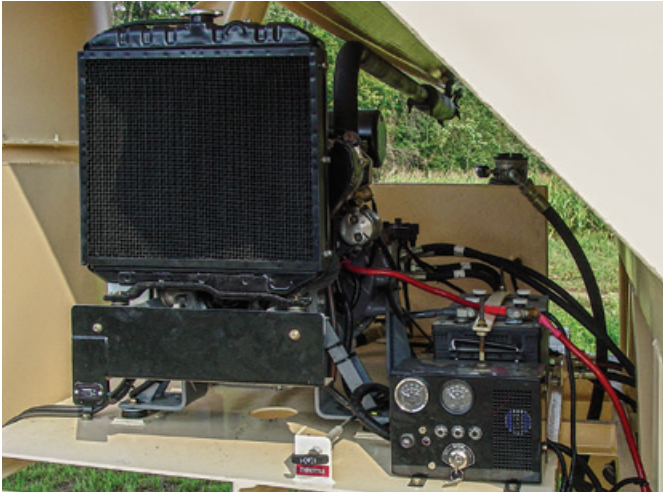
The storage option
ready-made with
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Compare the standard features of our portable HS 50T Horizontal Storage Silo to other bulk transfer units.



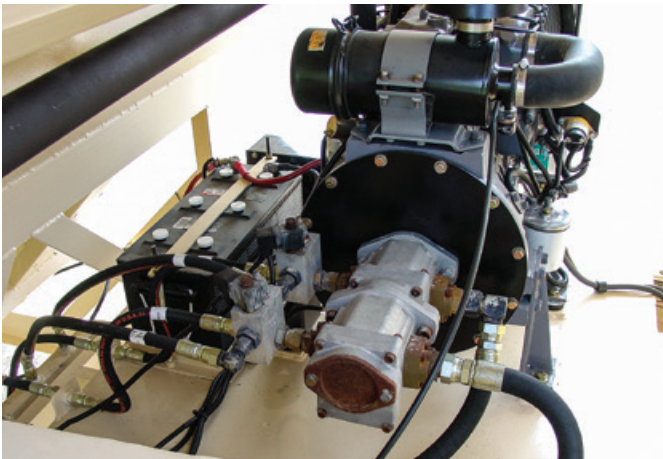
Diesel Power Unit

The HS 50T is powered with a diesel engine which allows for the unit to be moved within the landfill without the need for outside electrical power.



Baghouse Vibrator

The baghouse dust collection system comes with a 12-volt vibrator which is accessible at the engine area. This vibrator is used to clean the filtration bags and is activated with the simple push of a button.



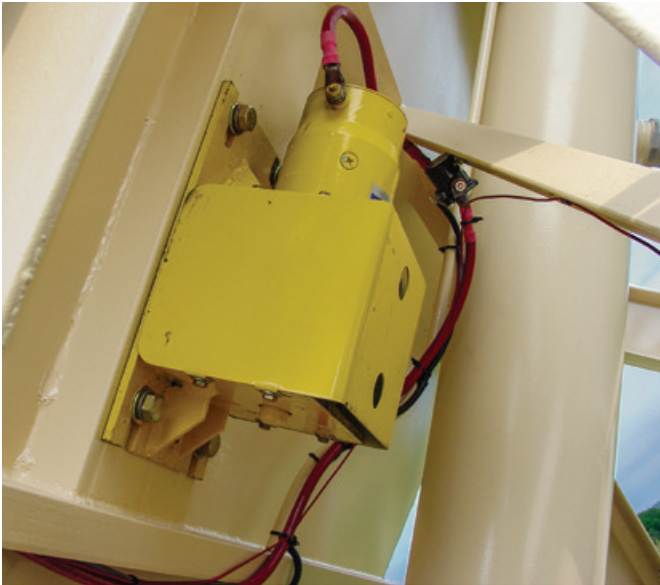
Hydraulic System

Rugged Sunstrand Pumps, Danfoss Motors, high quality components, and hoses are used to power the horizontal and diagonal augers on the HS 50T. Augers turn at 240 RPM, delivering about one ton of Portland Cement per minute into the Posi-Shell® Applicator.



Dust-Free System

The HS 50T includes four closure points on the baghouse dust collector and three on the product inspection hatch for dust-free transfer of product from pneumatic tankers.



Bin Vibrator

The HS 50T is supplied with a Bin Vibrator which is used to move product toward discharge augers when product level is low in bin. Without this vibrator, fast and efficient offloading is impossible.



Electronic Scale

An electronic scale with digital display is supplied with the unit. Scale is used to accurately meter bulk cement product into the slurry mixture and is also useful in determining when product is to be ordered.



Reversible Augers

The horizontal and diagonal augers are supplied with individual hydraulic directional control valves which allow operator to easily run in reverse when necessary.



Heavy Duty Discharge Hose

A 10" heavy duty discharge hose is provided with double clamps to ensure that it stays securely in place while dispensing product.

Horizontal Storage Silo Model # HS 50T

Specifications – Standard Items

Width / Height / Overall Length:

8'6"/13'4"/36'

Empty Weight / Full Weight:

18,000 lbs./118,000 lbs.
(50 Ton Capacity)

Engine:

Perkins or Kubota 32-35 HP Diesel @ 3,000 RPM
Water Cooled
Air Cleaner w/Service Indicator

Fuel Capacity: 52 Gallons

Electrical:

12 Volt/105 AMP Electrical Ignition
4D Heavy Duty Battery

Hydraulic System:

Open Loop Gear Drive
Sauer Sunstrand SNP 3 Double Gear Pump
Danfoss OMS 250 Motors
Filtration: Supply/Return
Tank Capacity: 28 Gallons
15W40

Discharge Augers:

7" Horizontal Auger, 9" Diagonal Auger
1 Ton per Minute @ 250 RPM

Inspection Hatch:

30" Inspection Hatch
3 Closure Points for Dust-Free Seal
1 – 3' 4" Fully Guarded Ladder

Baghouse Filtration System:

Provides Dust-Free Transfer from Pneumatic Tanker
4 Closure Points for Dust-Free Seal
Removable, Replaceable Filtration Bags
Electric Vibrator for Easy Cleaning

Product Bin Vibrator:

12 Volt Vibrator to Speed Product Discharge

Operator Controls:

Electrically Activated Switches for:

- Horizontal Auger
- Diagonal Auger
- Product Bin Vibrator

Accessible From Deck of Application Unit

Tires: Pneumatic

Type of Drawbar: Goose Neck/5th Wheel

Specifications – Optional Items

Electronic Scale:

Emery Winslow Digital Load Cell & Scale System
Accurately Meters Powdered Products
Useful For Batching and Product Inventory



Horizontal silo loading powdered product into a Posi-Shell® Applicator.

For technical services or to locate your nearest Horizontal Storage Silo dealer:



Call: **1-800-800-7671** • Email: **Sales@LSCenv.com**

Visit LSC online at: **www.LSCenv.com**

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