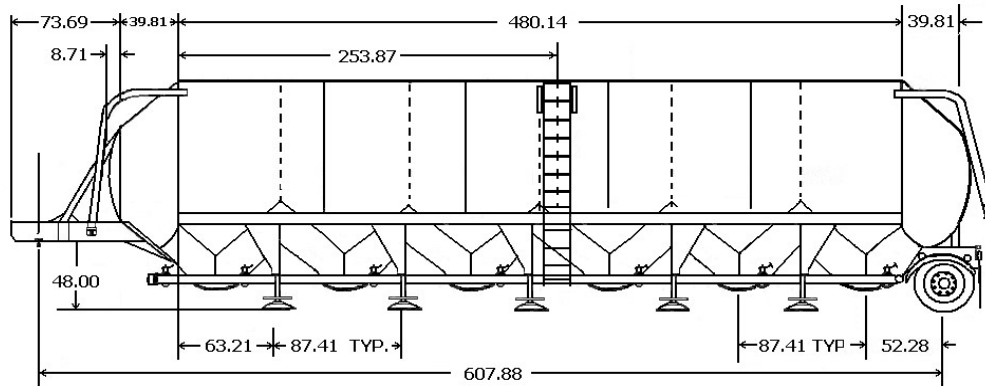




DIVERSIFIED STORAGE SYSTEMS

(888) SILO-SYS (888) 745-6797

Guppy 4200



Height: 13'-8"

Length: 56'-5"

Width: 11'-3"

Guppy description:

- 4200 cubic foot capacity. About 150 tons (cement).
- Single compartment 6 hoppers
- 6" Product valves (one per hopper)
- Steel construction w/ internal bracing
- 15 psig typical operating pressure
- Dual entry, 20" manholes for safety
- 3" safety over pressure relief valve
- 5" discharge at both ends
- 4" fill/vent lines at both ends w/ valves
- 3" standard hot line (pressure)
- (2) 4" gauges for tank & line pressure
- (10) heavy duty support stands LGP
- Removable access ladder for safety

Options:

- High flow cone fluidizers kit
- Front mounted blower system
- Scale system

46 Pioneer Parkway
Sulphur Springs, TX 75482

P(903)919-0600
F(903)919-0601

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Guppy 4200

Operation Instructions

The guppy is a pneumatic storage tank. It equipped with product inlet line for filling the tank, A vent line for displacing the air while filling, a air inlet for pressurizing the tank, product discharge line. Pressure relief valve, pressure gauges for the tank and air inlet lines. Below is the basic instructions for running the tank. Please contact DSS at 888-745-6797 if you have questions before operating.

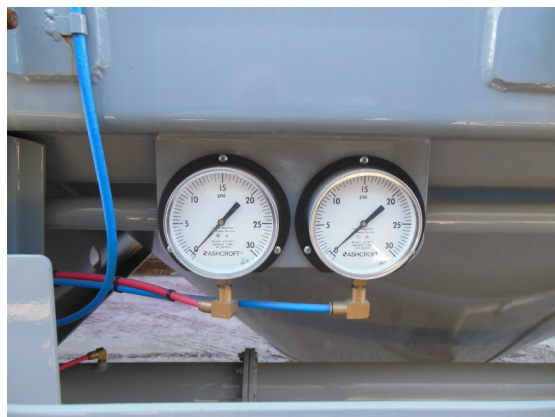


Front Fill Line / Vent



Vent Line / fill line

****you can switch use of the vent line and fill line.**



Gauges: line and Tank



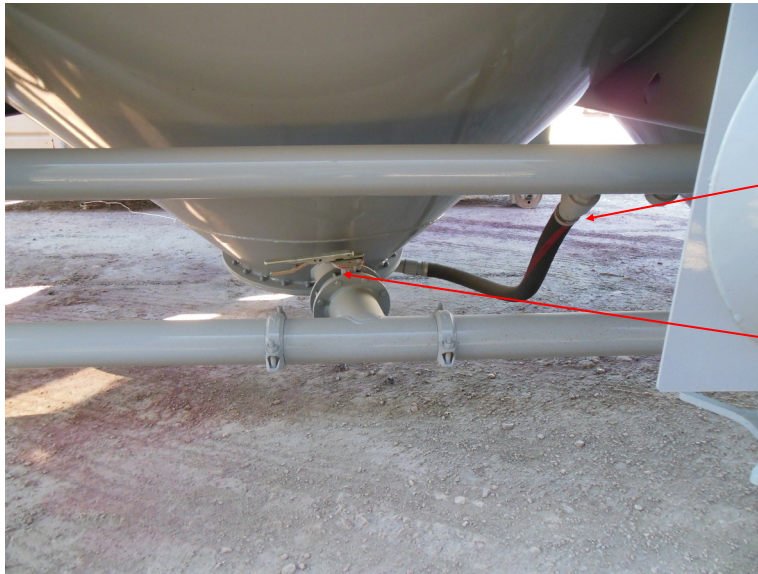
Product Discharge

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Equipment Layout



Air inlet to tank valves

Hopper discharge valve

Hot air inlet

Chase air adjustment





DIVERSIFIED STORAGE SYSTEMS

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Guppy 4200

Operation Instructions

Filling:

To fill the guppy with product first make sure there is **ZERO** pressure in the tank. You can do this by first checking the tank pressure gauge then cracking the butterfly valve on the fill line. Once you have confirmed the tank is empty open the butterfly valve all the way on the line you are connecting to the truck. Then attach the fill line hose to the fill line. Second use one of the vent line to displace the air into a dust collector or suitable bin vent. Make sure all other valves are closed.

The guppy is 4100c.f. In volume usable storage is about 3600c.f.

Unloading:

Once you have product in the guppy and are ready to move it first make sure no pressure is in the guppy by slightly opening a butterfly valve on the fill/vent lines.

Once you have confirmed ZERO pressure, connect your discharge to the receiving vessel . Close the other fill/vent lines.

Confirm that the butterfly on the air inlet line is open and the ball valves to the hoppers are open.

Turn on your blower to pressure up the tank. Once it gets to 8-10 psi your can start to discharge.

First always empty the guppy front to back. Start with the hopper in the front by closing off the air inlet ball valves to the end 3 hoppers.

Open up the 6" butterfly valve to the discharge line on the first hopper only.

Use the butterfly valve between the air inlet and discharge line to balance the air moving the product and you can use the ball valves on the hoppers to balance the tank pressure.

The tank has a pressure relief valve at 13.5psi and the blower has one at 14psi you need to keep the pressures on the systems below the relieve valves.

Once you have the first hopper almost empty you can move to the next hopper. Repeat the process down the hoppers.