

SCM-BSRS 240 BUFFER STORAGE & RETRIEVAL SYSTEM



Our Buffer Storage & Retrieval System is an enhancement of the traditional bulk storage system. The design has been improved to allow effective bulk handling and highly efficient bulk retrieval, without the addition of base oil which increases the overall waste volume.

CONCEPT

Our Buffer Storage & Retrieval System is a self-emptying bulk handling tank. This equipment has a reduced discharge time as compared to current units out in the market whilst still having lower construction costs. The reduction in height and footprint permits optimization of rig space, while its higher efficiency allows for reduced downtime in operations.

APPLICATION

Our Buffer Storage & Retrieval System can be used as buffer storage between rig shakers and cuttings transportation systems. In the case of transporting cuttings to workboats or supply vessels, it allows a buffer in the case of a weather delay. By using multiple units manifolded together, this system can also be used for rig buffer cuttings storage before it is transported to process stations or regular bulk storage. For example, it can be used as a cuttings storage system for CRI or Thermoplant operations.

FEATURES & BENEFITS

- Reduced number of lifts necessary
- Industry leading reduced discharge time
 - Empty multiple tanks at once
 - Variable discharge rate
 - 21 CFM (35 m³/hour per tank)
 - Less complex discharge system
- Designed to ship on its side
- Automated system available for increased operability
- Various size options available to suit application
- Can handle dry and wet cuttings and slurries
- DNV 2.7-3 Certified

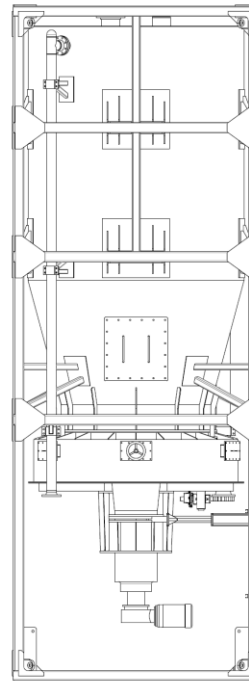
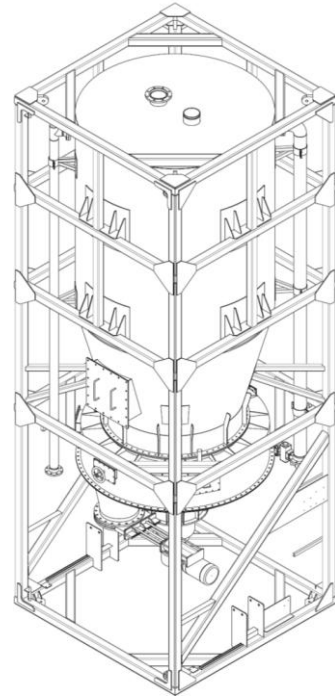
CONTAINMENT AND HANDLING

SPECIFICATIONS

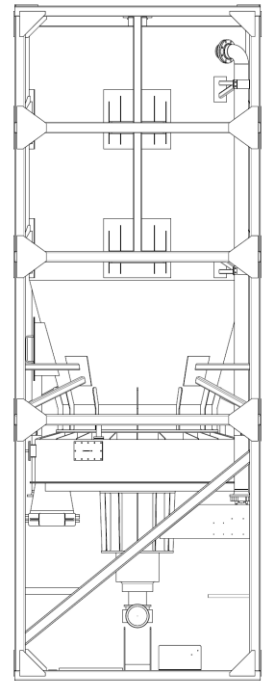
General	
Model	SCM-BSRS 240
Tank Volume	150 bbls or 24m ³
Discharge Capacity	+30 Tons/hr
Dimension	
Length	117" (2,972 mm)
Width	117" (2,972mm)
Height	320" (8,128 mm)
Weight	
Net Weight *	30,000 lbs (13,610 kgs)
Gross Weight **	131,814 lbs (59,793 kgs)
Utility Requirements	
Voltage	380 / 460 / 600 VAC
Phase	3 Phase
Frequency	50 / 60 Hz
Power	30 HP (22kW)
Instrument Air	80 – 120 psi
Options	
Multi Tank Manifold Together VFD Control Panel	
Utilized as Buffer / Surge Storage or Bulk Storage	

* Shipping Weight

** Max Operating Weight (2 sg. Cutting Density)



FRONT VIEW



SIDE VIEW