

Bulk storage tank

Product code: VL01

Features and Benefits:

Optimal transport rates

by means of fluidizing bottom

Total emptying of tank

by means of fluidizing bottom

Meets all relevant HSE requirements

minimizes risks related to hazardous chemicals

STEP Offshore's bulk storage tanks is designed for storage of bulk materials for drilling fluid and cement mixing (barite, bentonite, ilmenite, cement).

STEP Offshore fluidizing bottom design ensures optimum transport rates and minimizes tank dead volume. Tanks are available in any project specific design (volume, diameter, design pressure, corrosion allowance, nozzle schedule, etc.).

The bulk storage tank is designed for an offshore environment, and is engineered to reduce maintenance and service to a minimum.

Great care has been taken to ensure that all relevant offshore health, safety and environment requirements are met.



About STEP Offshore

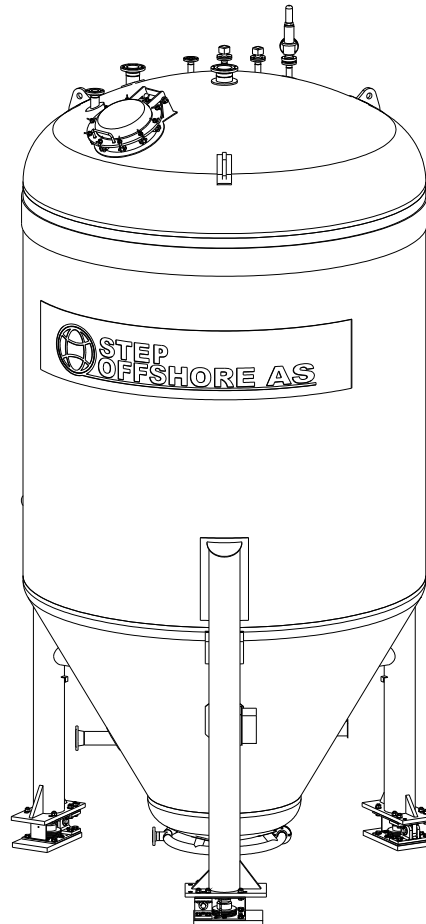
STEP Offshore is a leading supplier of high quality systems for drilling fluids management applications for oil and gas applications. The company was founded in 2004, with its headquarters located just outside Oslo in Hvalstad, Norway. Subsidiaries in Stavanger, Norway and Aberdeen, Scotland are established to serve the North Sea markets. The company utilizes Aker Solutions' worldwide network of representatives and offices to offer a global presence. Typical STEP Offshore deliveries are automated systems to semi submersible drilling rigs, drill ships, jack ups and land rigs, new builds and upgrades.

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Technical Specifications



Design data (standard unit)				
Capacity	20 to 120 [700 to 4238]	m ³ [ft ³]	Area classification	SAFE (zone 2 as option)
Unit weight	TBA	kg [lbs]	Operating press.	According to design specifications
Design temp.	-10/+50 [14/122]	°C [°F]	Corr. allowance	1 [0.04] mm[in]
Utility requirements:				
Max air consumption	TBA	Sm ³ /hr [scfm]		
Options:				
Instrumentation (level switch, level sensor, pressure gauge/transmitter, PSV, load cells, dummy load cells)			Integration into Automated Control System	
3 mm [0.12 in] corrosion allowance			System design assistance ("Engineering Support Team")	
Hazardous area zone 2 certification			Ladders and walkways	
Documentation:				
Description	Reference	Included	Note	
User Manual	Based on NS 5820	Yes	Two (2) Sets	
MRB	NS 5820	Yes	Retained Document	
Certificates / Statements	NS 5820	Yes	As applicable	
Notes:				
STEP Offshore can supply installation supervision, commissioning and training on a separate contract. Documents/ Drawings issued to customer are delivered as STEP Offshore standard and will not be subject for comments. Contents of this product flyer can be changed without prior notice. Drawings and technical data should not be used for construction purposes. Please contact your local STEP Offshore office for further information or to receive a quotation.				