

Mud hopper

Product code: BY03

Features and Benefits:

Dust free mixing of chemicals
for a better working environment

High performance polyurethane nozzle
for efficient mixing and serviceability

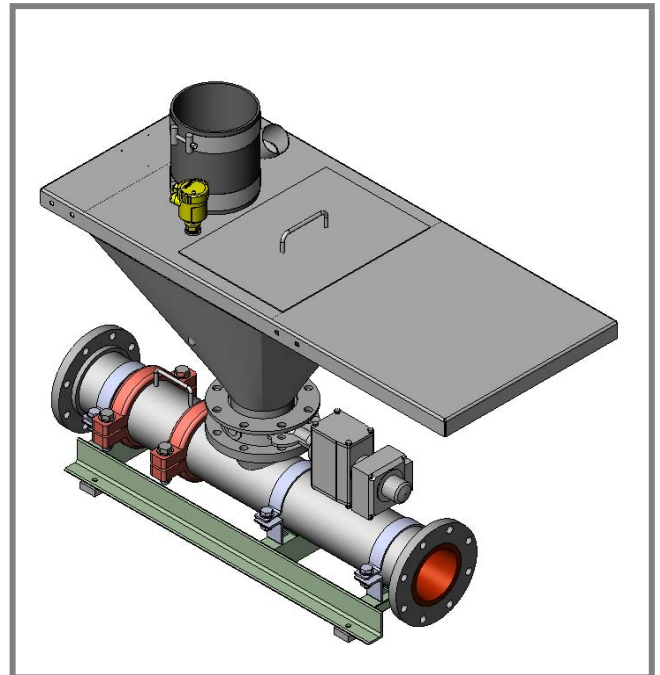
Meets all relevant HSE requirements
minimizes risks related to hazardous chemicals

STEP Offshore's mud hopper design allows addition of all types of powder mud chemicals into the mixing line. Powder from the sack cutting unit, surge tank or big bag is fed directly into the mixing hopper, thus preventing dust emission to the environment.

The hopper design along with the venturi mixer ensures that clogging and build up of chemicals is avoided.

The mud hopper 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

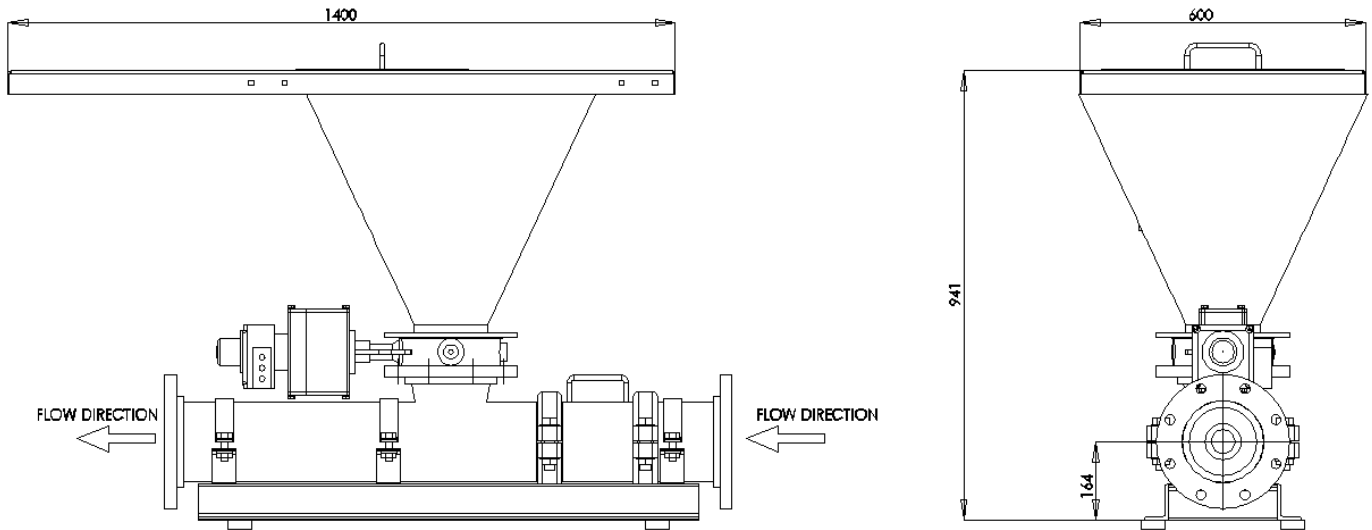
STEP Offshore is a leading supplier of high quality systems for drilling fluids management applications for oil and gas applications. The company was founded in 2004, with its headquarters located just outside Oslo in Hvalstad, Norway. Subsidiaries in Stavanger, Norway and Aberdeen, Scotland are established 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)					
Max. cap.(barite)	61 [28]	t/hr [m3/hr]	Unit weight	165 [364]	kg [lbs]
Liquid pres.	24-28 [79-92]	mlc [ftlc]	Liquid flow	227 [1000]	m3/hr [gpm]
Design temp.	-10/+50 [14/122]	°C [°F]			
Area classification	SAFE (zone 2 as option)				
Utility requirements:					
NA					
Options:					
Instrumentation (level switch, pressure gauge(s), differential pressure sensors, automated butterfly valve etc.)			Integration into Automated Control System		
Interface nozzle to liquid additive system (liquid added directly into mixer)			System design assistance ("Engineering Support Team")		
Hazardous area zone 2 certification			Dust enclosure for manual mixing		
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.					