

LP mud gun

Product code: BY09

Features and Benefits:

360° low pressure flushing

for effective circulation in tank corners

Eases removal of settled solids

thus saving rig time, man hours and operator exposure to harmful chemicals.

Meets all relevant HSE requirements

minimizes risks related to hazardous chemicals

STEP Offshore's LP mud gun is designed for safe removal of settled solids in drilling fluid holding tanks. Highly applicable when optimum tank design is unachievable.

Solid mud content, such as barite and low gravity drill solids, will settle over time in areas of low fluid movement. The mud gun can be used as a preventive mean to combat solids build up and as a tool to reduce hours spent on tank cleaning. To flush out settled solids or to avoid build up of barite in tank corners a flow is directed towards the problem area. Flushing out solids eliminates the need for hazardous tank entries to manually remove settled solids. The mud gun nozzle is steered simply by moving the above tank handle.



The LP mud gun is designed for an offshore environment, and is engineered to reduce maintenance and service to a minimum.

About STEP Offshore

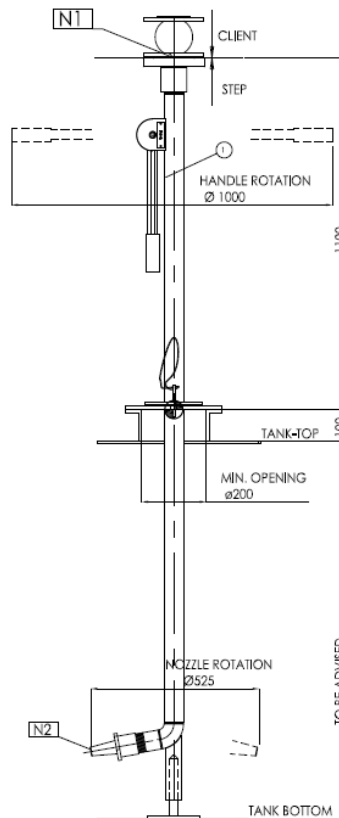
STEP Offshore is a leading supplier of high quality systems for drilling fluids management applications for oil and gas applications. The company was founded in 2004, with its headquarters located just outside Oslo in Hvalstad, Norway. Subsidiaries in Stavanger, Norway and Aberdeen, Scotland are established 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.

Head office:
STEP Offshore AS
 Nye Vakås vei 32
 P.O. Box 95
 N-1378 Nesbru, NORWAY
 Phone: +47 48100700
 Fax: +47 96341867

Stavanger office:
STEP Offshore AS
 Maskinveien 9
 P.O. Box 373, Forus
 N-4067 Stavanger, NORWAY
 Phone: +47 99427969
 Fax: +47 51648988

Aberdeen office:
STEP Offshore AS
 Fyvie Building, Howe Moss Avenue, Dyce
 Aberdeen AB21 02A, SCOTLAND
 Phone: +44 (0) 1224 255259
 Fax: +44 (0) 7920 750192

Technical Specifications



Design data (standard unit)				
Mud inlet (N1)	Flanged 3" ANSI B16.5 RF	Operating radius	1,5-2,7 [5-9]	m [ft]
Mud outlet (N2)	1/2" jet-nozzle opening	Design press.	19,3 [280]	barg [psig]
Unit weight	50 [110]	kg [lbs]	Design temp.	-10/+50 [14/122]
Utility requirements:				
NA				
Options:				
System design assistance ("Engineering Support Team")				
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.				