

# Rapid barite mixer

**Product code: BY04**

## Features and Benefits:

### Dust free mixing of barite

for a better working environment

### Simple and rugged design

for a reduced maintenance cost

### Meets all relevant HSE requirements

minimizes risks related to hazardous chemicals

STEP Offshore's rapid barite mixer enables rapid and dust free mixing of barite. Fed with mud from a mud mixing pump and barite from the bulk storage tanks the mixer arrangement is simple, rugged and virtually maintenance free.

Mixing of fluid and barite is performed in the mixing head.

Transport air from the pneumatic feeding system is diluted through the perforated drop pipe, preventing large dust bubbles from reaching the mud pit surface.

All maintenance, installation and removal is performed on the tank top, there is no need for tank entry.

The rapid barite mixer 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

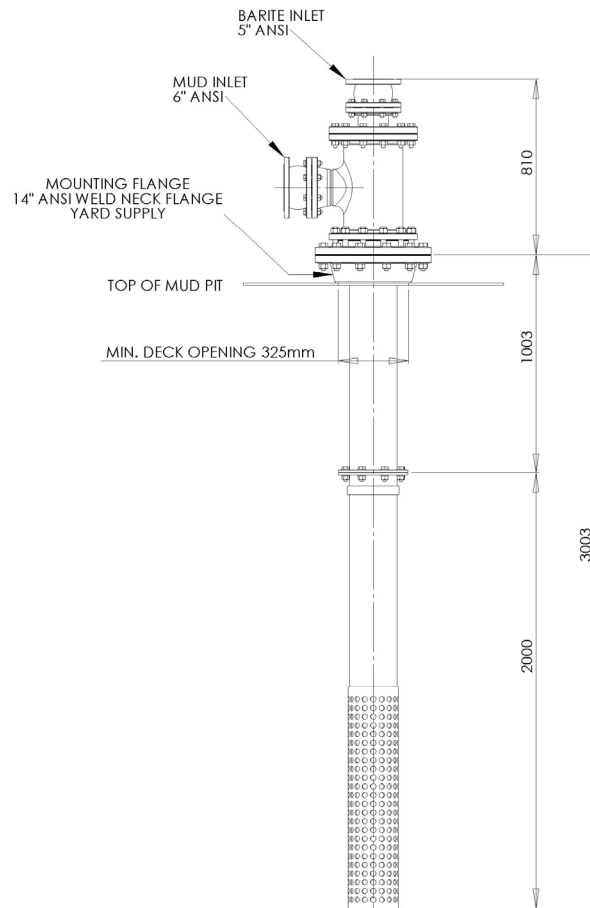
STEP Offshore is a leading supplier of high quality systems for drilling fluids management applications for oil and gas applications. The company was founded in 2004, with its headquarters located just outside Oslo in Hvalstad, Norway. Subsidiaries in Stavanger, Norway and Aberdeen, Scotland are established 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. barite mixing capacity	120 [132]	t/hr [s-ton/hr]	Design flow	150-227 [660-1000]	m <sup>3</sup> /hr [gpm]
Unit weight	314 [692]	kg [lbs]	Operating press.	20-30 [65-98]	mlc [ftlc]
Design temp.	-10/+50 [14/122]	°C [°F]			
Utility requirements:					
N/A					
Options:					
Integration into mud control system for auto density mixing			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.					