

Supply Boat Bulk System



STEP Offshore's supply boat bulk systems are designed for storage and transport of dry bulk materials for drilling fluid and cement. STEP Offshore can provide a complete range of bulk system equipment allowing customers to have one single supplier for the complete equipment package. System design assistance is available from experienced engineering support teams, ensuring optimum system performance.



STEP Offshore AS is a competitive and focused supplier of high quality systems for drilling fluid applications to offshore oil and gas projects world wide.

We shall provide an effective and efficient project management and supply our clients with the highest quality products the industry has to offer.

This product flyer covers our standard unit. We will also, on request, offer a wide range of variations and project specific adaptations in order to best suit our clients needs and requirements.



STEP Offshore AS

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Technical Data – Supply Boat Bulk System

BULK STORAGE TANKS:

STEP Offshore bulk storage tanks are designed for storage of dry bulk materials for drilling fluid and cement. Special designed fluidizing bottoms 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.).

CYCLONES & COLLECTORS:

During transport of bulk powder for mud mixing and cementing operations, transport air is ventilated to the surrounding environment. To eliminate dust exposure to surrounding environment/personnel dust cyclones and collectors for removal of excess powder are used. STEP Offshore dust cyclones and collectors are designed for removal of dust from vent-line during pneumatic transport of bulk materials.

COMPRESSORS & DRYERS:

STEP Offshore can deliver compressors and dryers specifically designed for supply boats with confined space. The equipment is usually delivered complete on skid, ready for easy connection

BULK TANK ACCESSORIES:

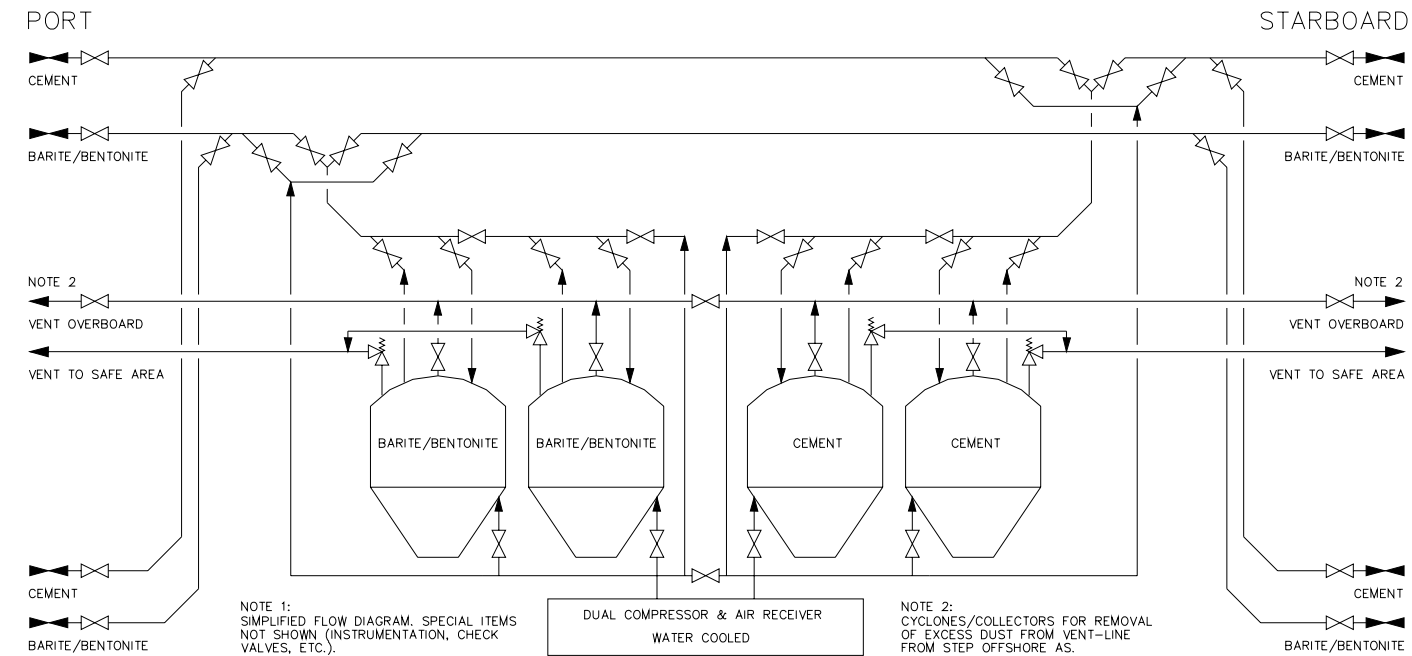
Bulk tank accessories complete the STEP Offshore range of bulk system equipment. Bulk tank accessories include delta's, Y's, sample stations & rock catchers. Correct design of the mentioned equipment will reduce the overall system pressure drop and ensure that optimum transfer rates.

CONTROL SYSTEMS:

STEP Offshore Bulk Control System is designed to control and monitor the complete process for handling and pneumatic conveying of bulk powders to/from ship. The Bulk Control System is a "state of the art" system allowing complete system control from bridge/control room on the vessel.

ENGINEERING SUPPORT TEAM:

Design the bulk system the optimum way the first time by involving engineers with a vast product knowledge accompanied by process understanding from many years experience. Product "know how" in combination with system design experience is an excellent combination to ensure optimum performance of the selected equipment. STEP Offshore engineers can assist you through our experienced Engineering Support Teams.



DOCUMENTATION:

See STEP Offshore AS Product Flyers

DESIGN DATA (STANDARD):

See STEP Offshore AS Product Flyers – specific for products mentioned below.

MAIN DATA & DIMENTIONS:

See STEP Offshore AS Product Flyers – specific for products mentioned below.

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