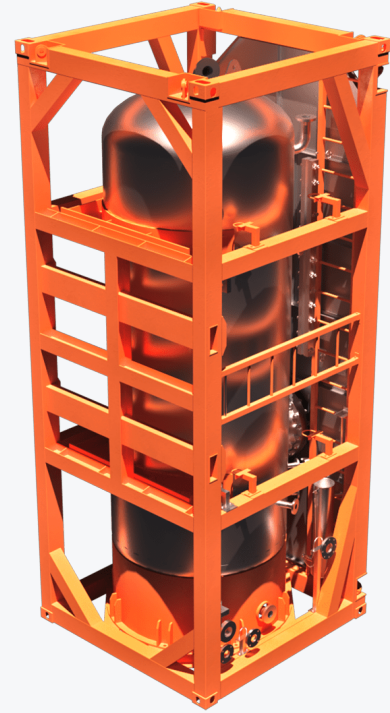




Product Summary

The FourPhase Degassing vessel is designed to remove virtually all entrained gases, including hydrogen sulphide and corrosive oxygen from return fluid.

The degassing vessel is used to separate the liquids from the gas in produced well streams for better pipeline efficiency and economics. The separation of gas, hydrocarbon liquid, and water into separate phases is accomplished by reducing the velocity of the fluid flow by passing it through a separator. The degasser reduces the threat of dangerous and costly blowouts that can occur from recirculating gas/mud and can also be used as a storage unit.





Technical Specification

SI U.S.

Pressure

Operation Pressure: 2.8 bar (1-40 psi)

Design Pressure: 3.4 bar (50 psi)

Capacity

Storage tank: 7.9m³ (50 bbl)

Dimensions

Height: 5 820 mm (19.1 ft)

Width: 2 300 mm (7.5 ft)

Depth: 2 320 mm (7.6 ft)

Weight: 8 200 kg (18 077 lb)

Inside diameter of shell: 1 700 mm (5.6 ft)

Temperature

Design temperature: 121 °C (250 °F)

Min operating temp: -28 °C (-18,4 °F)

Max operating temp: +90 °C (+194 °F)

Certification

PED 97/23/EC

DNV GL 2.7-3

Materials

Tank pressure vessel: Stainless steel

Structure: BS4360 grade 43D impact tested carbon steel