

SUBSEA ACCUMULATOR SYSTEM

BOP INTERVENTION
API 53S COMPLIANT
EMERGENCY SYSTEM



Description

In relation to drilling standard API 53S the Accumulator System has been designed and tested to close BOP critical functions within a 45 second timeframe.

The Accumulator System is a standalone basket equipped with 7 off 57L 5000 psi bottles, subsea displays and battery driven control system for pressure and flow monitoring and logging.

A ROV friendly valve control panel will allow ease operation of the system and can be operated by all types of ROV's with manipulator arm. Accumulators can be recharged subsea through stab and receptacle system.

Typical Operations

- BOP Intervention
- Emergency System

Features

- API 53S compliant high flow system
- Integrated control system
- Digital flowmeter
- Digital pressure sensor
- Subsea displays for monitoring
- Print of function test certificate
- Daisy chain of additional accumulators
- Guide funnel arms for guide wires
- Mud-matt platform
- DNV 2.7-1 Lifting Certified

SPECIFICATIONS

SUBSEA ACCUMULATOR SYSTEM

General Technical Specifications

Type	Subsea Accumulator System
Part Number	103287
Dimensions L x W x H	1640 mm x 1880 mm x 2410 mm
Weight in air	~4700 kg

Hydraulic

Max Input Pressure	345 Bar
Max Output Pressure	345 Bar
Max Output Flow	450 L/min

Accumulators	7 off 57L EA
Certificates	PED certified

Connection High Flow Hose	1" BSP Swivel
Connection Filling Stab	1" BSP Swivel

Hose Type	3/4" Hose 20 meter
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Technical

Depth Rating	MSW 3000
Guide Funnels	2586 mm center-center 10" ID

