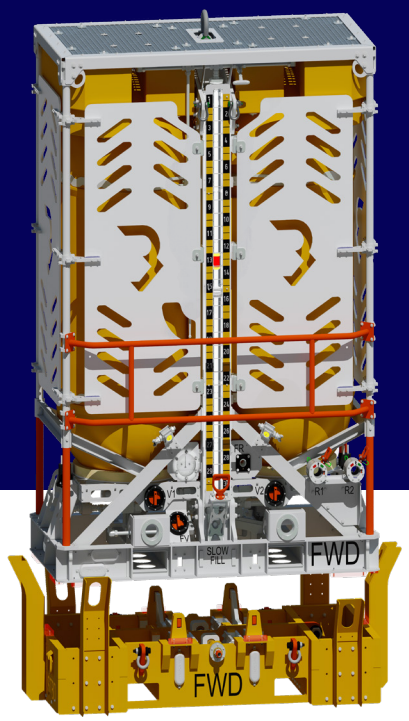
BELUGA SUBSEA

BELUGA Subsea Variable Buoyancy

VBS 3T Mk II

The Beluga 3T Mk II VBS is a field proven Variable Buoyancy System design with subsea lifting capacity of 3 ton. Designed to meet the demanding requirements of subsea operations.



The Beluga 3T Mk II Variable Buoyancy System is controlled by ROV and Hydraulic powered through Valve stab system.
Equipped with 2 VBS pumps for full redundancy.
Designed for long term submerged periods.
Available with a bespoke DMA/Clumpweight for safe Launch & Recovery.

Technical specifications

MAX SUBSEA LIFTING FORCE
3000 kg

DIMENSIONS VBS & DMA (LXWXH)
3 m × 1.85 m × 3.8 m

DIMENSIONS VBS only (LXWXH)
2.5 m × 1.3 m × 3.4 m

OPERATING DEPTH
450 MSW

WEIGHT FULL TANKS & DMA (AIR/WATER)
9199/3115 kg

MATERIAL
GRP, Aluminum & Stainless steel

HYDRAULICS REQUIREMENTS
30-150 bar & 30-50 l/m

Key benefits

- VBS only 544kg in water with full tanks
- Subsea lifting force of 3000 kg.
- Corrosion-resistant materials for prolonged subsea use.

Key features

- Hydraulic Interface: 2 off ø60mm Valvestab receptacles installed.
- Reducing uplift: By hydraulic operated valve or manip operated Slow Fill.
- ROV Interfaces: Available with ISO ROV Docking.
  Works with all Work Class ROV's.
- Safety Features: Load indicators and failsafe mechanisms.

	IN AIR (Kg)		IN WATER (Kg)
Unit	**Empty tanks**	**Full tanks** (seawater)	**Full tanks** (seawater)
VBS 3T	2 532	6 232	544
DMA/Clump weight	2 967	2 967	2 571
Total	5 499	9 199	3 115

Robotvegen 28, 4341 Bryne, Norway | +47 51 48 10 00 | post@belugasubsea.no
belugasubsea.no