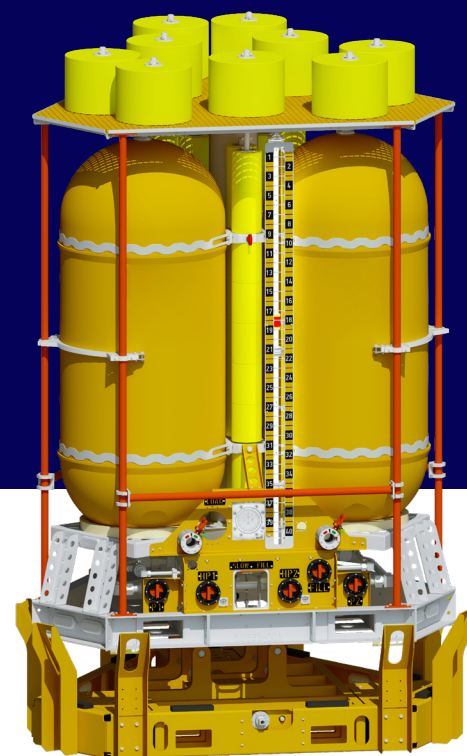


BELUGA Subsea Variable Buoyancy

VBS 4.2T

The Beluga 4.2T VBS is a field proven Variable Buoyancy System design with subsea lifting capacity of minimum 4.2 ton. Designed to meet the demanding requirements of subsea operations.



The Beluga 4.2T 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
4200 Kg

DIMENSIONS VBS & DMA (LXWXH)
2.9 m × 2.9 m × 4.2 m

DIMENSIONS VBS only (LXWXH)
2.8 m × 2.4 m × 3.9 m

OPERATING DEPTH
450 MSW

WEIGHT FULL TANKS & DMA (AIR/WATER)
12020 kg

MATERIAL
GRP, Aluminum & Stainless steel

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

Key benefits

- VBS is 990 kg in water with full tanks
- Subsea lifting force of 4200 kg.
- Corrosion-resistant materials for prolonged subsea use.

Key features

- Easy to handle and transport
- 2 off Valvestab receptacles installed.
- ROV Interfaces: Available with Bespoke ROV Docking. Works with all Work Class ROV's
- Safety Features: Load indicators and failsafe mechanisms
- Proven Design

Unit	IN AIR (Kg)		IN WATER (Kg)
	Empty tanks	Full tanks (seawater)	Full tanks (seawater)
VBS 4.2T	3420	9100	990
Clump weight/DMA	3100	3100	2700
Total	6520	12 200	3690