BELUGA SUBSEA

BELUGA Subsea Variable Buoyancy

VBS 1.5T

The Beluga 1.5 T VBS is a field proven Variable Buoyancy System design with subsea lifting capacity of 1.5 ton. Designed to meet the demanding requirements of subsea operations..

The Beluga 1.5 T Variable Buoyancy System is controlled by ROV and Hydraulic powered through Hot stab system.
Equipped with 2 VBS pumps for full redundancy.
Designed for long term submerged periods.

Technical specifications

MAX SUBSEA LIFTING FORCE
1500 kg

DIMENSIONS VBS & DMA (LXWXH)
2.0 m × 2.0 m × 4.3 m

OPERATING DEPTH
450 MSV

WEIGHT FULL TANKS & DMA (AIR/WATER)
3800/260 kg

MATERIAL
POM & stainless steel

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

Key benefits

- VBS is 260 in water with full tank
- Maximum subsea lifting force of 1500 kg.
- Corrosion-resistant materials for prolonged subsea use.

Key features

- Easy to handle and transport.
- 2 off Valvestab receptacles installed.
- ROV Interfaces: Works with all Work Class ROV's.
- Safety Features: Load indicators and failsafe mechanisms.
- Proven Design: Used with success on various subsea operations
- DMA/Clump weight attached underneath to increase system penetration in the splash zone and act as parking for the VBS when Subsea.

	IN AIR (Kg)		IN WATER (Kg)
Unit	Empty tanks	Full tanks (seawater)	Full tanks (seawater)
VBS 1500 Kg	1900	3800	260
DMA 1500 kg	2100	2100	1750
VBS+DMA	4000	5900	2010

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