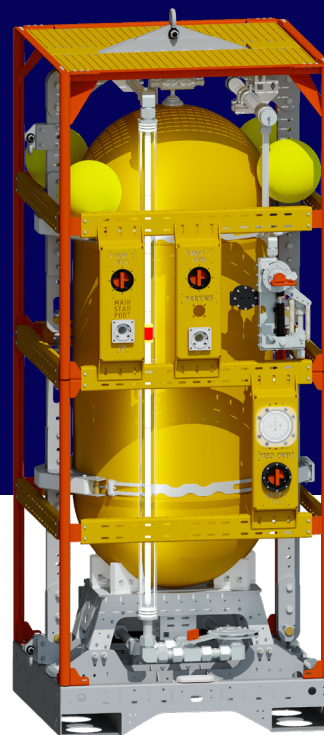


## BELUGA Subsea Variable Buoyancy

# VBS 1T

The Beluga 1 T VBS is a field proven Variable Buoyancy System design with subsea lifting capacity of 1 ton. Designed to meet the demanding requirements of subsea operations..



The Beluga 1 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**  
**1000 kg**

**DIMENSIONS VBS & DMA (LXWXH)**  
**1.5 m × 1.5 m × 3.8 m**

**OPERATING DEPTH**  
**450 MSV**

**WEIGHT FULL TANKS & DMA (AIR/WATER)**  
**3445/970 kg**

**MATERIAL**  
**POM & stainless steel**

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

### Key benefits

- VBS is 970 in water with full tank
- Subsea lifting force of 1 000 kg
- Maximum subsea lifting force of 350 kg.
- Corrosion-resistant materials for prolonged subsea use.

### Key features

- Easy to handle and transport.
- 2 off 3 port hotstab 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

Unit	IN AIR (Kg)		IN WATER (Kg)
	Empty tanks	Full tanks (seawater)	Full tanks (seawater)
VBS 1000 Kg	1595	3445	970