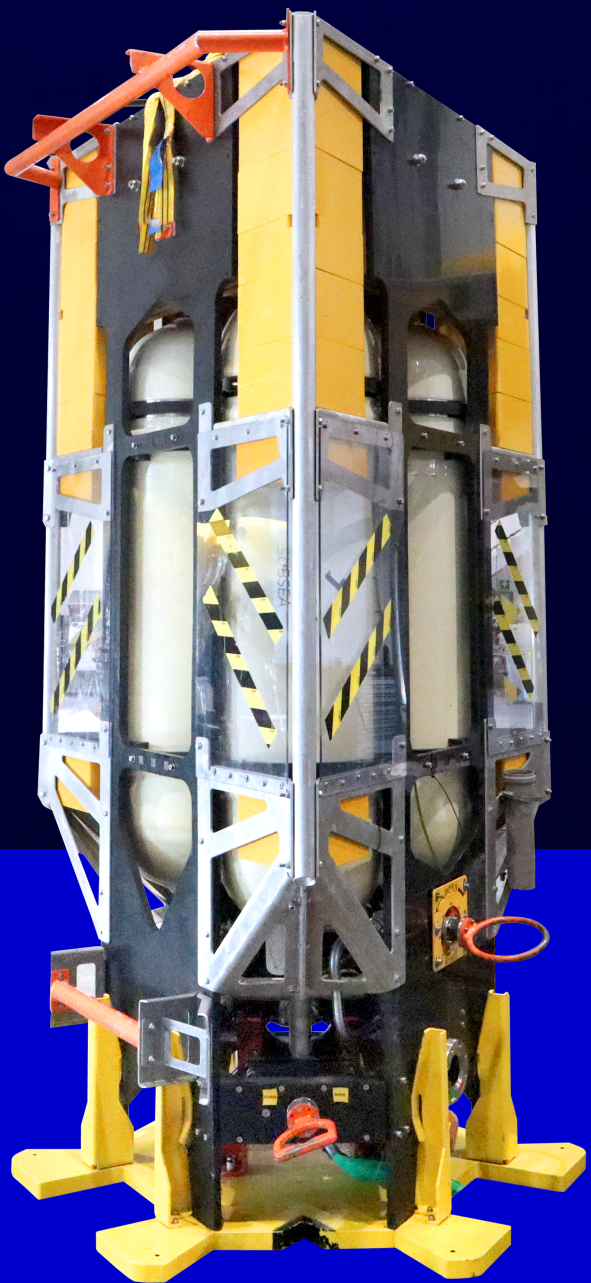






# Beluga Handyman VBS

All controls by ROV, manipulator and visual. No internal control system.



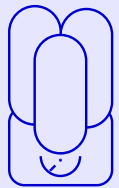
The Beluga Handyman VBS is a neat and effective means for the ROV to move/lift medium heavy objects subsea. Beluga Handyman give the ROV operator a larger envelope of task to be performed at depth without assistance from topside care or winches.

One hydraulic stab, one fill valve with spring return to close. Visual water volume solution. One VBS pump with good capacity, empty the bottles in 6 minutes with sufficient supply from ROV.

Supplied with a 350 kg DMA/Clumpweight. ROV releasable.

## Specifications:

- Max subsea lifting force: 350 kg
- 1 off VBS Pump
- One off spring loaded return Fill valve
- Inlet filter for subsea filling
- Depth rating is 450 MSW.
- Can be extended to 800 MSW



## Handyman - Weights

- Weight in air (empty tanks)
  - 673 kg
- Weight in air (full tanks + DMA)
  - 1330 kg
- Weight in water (full tanks, w/o DMA)
  - 65 kg
- DMA Weight in air
  - 310 kg



## Handyman - Dimensions

- Subsea Lift capacity 350 kg
- Length 1405 mm
- Width 1420 mm
- Height 2900 mm



# VBS 1.2T

All controls by ROV, manipulator and visual. No internal control system.

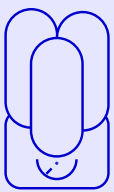


The Beluga Subsea Variable Buoyancy System with subsea lifting capacity of 1,2 ton is available for customers worldwide. The concept is field proven. Designed for Hydraulic supply from ROV hot stabs. 2 VBS pumps installed.

All controls by ROV, manipulator and visual. No internal control system. Fits all ROV systems. Designed for long term submerged periods. If required, the VBS can be delivered with a transport frame and clumpweight.

### Specifications:

- Max subsea lifting force: 1 200 kg
- 2 x Hydraulic VBS pumps
- Weight indicator, analog
- ROV valves for control of VBS
- 2 x ROV Hot stab receptacles.
- Forklift pockets for easy handling (empty)



### VBS 1.2T - Weights

Weight in air (empty tanks)  
• 1592 kg

Weight in air (full tanks)  
• 3440kg

Weight in water (full tanks)  
• 973 kg

### Clump Weight/DMA (optional)

- Options:
- Braaten. Technology SLM.
  - Digital Subsea Load Monitor



### VBS 1.2T - Dimensions

• VBS 1,2 ton  
Subsea Lift capacity

Length  
• 1816mm

Width  
• 1500mm

Height  
• 3787mm



# VBS 2.5T

All controls by ROV, manipulator and visual. No internal control system.

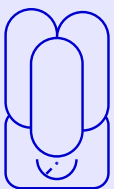
The Beluga Subsea Variable Buoyancy System with subsea lifting capacity of 2,5 ton is available for customers worldwide. The system is field proven. Designed for Hydraulic supply from ROV hot stabs. 2 VBS pumps installed.

All controls by ROV, manipulator and visual. No internal control system. Fits all ROV systems. Designed for long term submerged periods. If required, the VBS can be delivered with a 2-ton clumpweight.



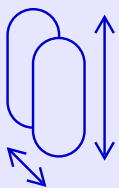
**Specifications:**

- Max subsea lifting force: 2 500 kg
- 2 x Hydraulic VBS pumps
- ROV valves for control of VBS
- Weight indicator, analog
- inlet filter for subsea filling
- Forklift pockets for easy handling (empty)



**VBS 2.5T - Weights**

- Weight in air (empty tanks)
  - 2400 kg
- Weight in air (full tanks)
  - 6300 kg
- Weight in water (full tanks)
  - 700 kg
- Weight in air
  - 2000 kg
- Clump weight 2Ton
- Braaten. Technology SLM. Digital Subsea Load Monitor



**VBS 2.5T - Dimensions**

- VBS 2.5 ton Subsea Lift capacity
- Length
  - 2500mm
- Width
  - 1518mm
- Height
  - 3715mm



# VBS 4.2T

All controls by ROV, manipulator and visual. No internal control system.

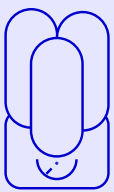


The Beluga Subsea Variable Buoyancy System with subsea lifting capacity of 4,2 ton is available for customers worldwide. The system is field proven. Designed for Hydraulic supply from ROV hot stabs. 2 VBS pumps installed.

All controls by ROV, manipulator and visual. No internal control system. Fits all ROV systems. Designed for long term submerged periods. If required, the VBS can be delivered with a 2,3 to 3,2-ton clumpweight.

**Specifications:**

- Max subsea lifting force: 4 200 kg
- 2 x Hydraulic VBS pumps
- ROV valves for control of VBS
- Weight indicator, analog
- Inlet filter for subsea filling
- Forklift pockets for easy handling (empty)



**VBS 4.2T - Weights**

- Weight in air (empty tanks)
  - 3420 kg
- Weight in air (full tanks)
  - 9100 kg
- Weight in water (full tanks)
  - 1000 kg
- Weight in air
  - Variable between 2300 & 3200 kg
- Adjustable between 2,3 to 3,2 ton in air
  - Braaten. Technology SLM.
  - Digital Subsea Load Monitor



**VBS 4.2T - Dimensions**

- VBS 4,2 ton Subsea Lift capacity
- Length
  - 2822mm
- Width
  - 2450mm
- Height
  - 3904mm