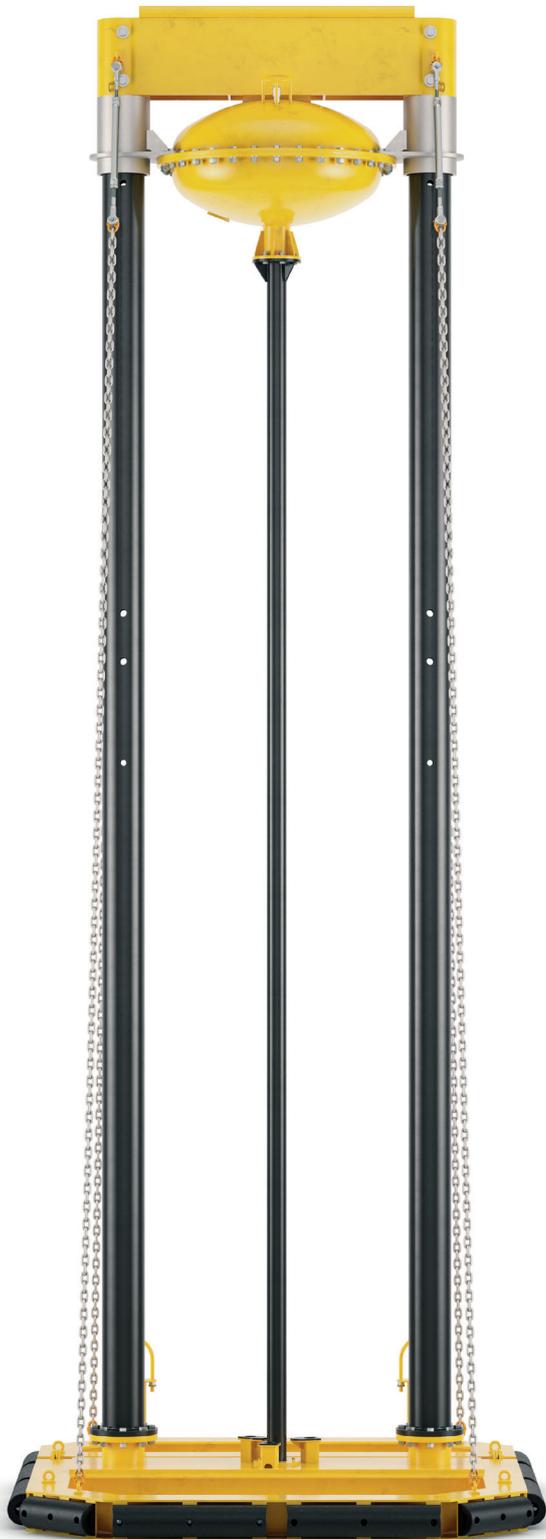


# High Performance Vibrocorer (HPVC 3/6)



## Description

The Geoforce High Powered Vibrocorer system is a powerful means of obtaining continuous sediment cores, up to 6m below the seabed in most sediment types in water depths up to 400m.

The system is offered as a complete vibrocoring solution and is supplied with:

- DNV rated control container with integrated core processing space
- Constant tension winch for safe management of the power umbilical
- Umbilical sheave
- Custom davit for safe positioning of umbilical sheave
- Core baskets (on request)

Geoforce's experience with this system allows us to adapt the configuration to suit a wide variety of vessels, by offering a bespoke solution which still ensures safe operations but at the same time reduces vessel space requirements.

## Specifications

- Robust, reliable and powerful design
- 89kN High Power centrifugal force
- Quick to mobilise
- 3m/6m penetration options
- 85mm diameter core sample
- Dimensions = 7710\*2500\*2800 (l\*w\*h) 6m mode
- Lifting Requirements = 10t SWL (single fall mode)
- Power Requirements = 3 Phase 415V AC @ 50/60Hz
- Dedicated umbilical constant tension winch for safe operations
- Dedicated DNV container with comprehensive spares package
- Variable core catchers for optimised sediment recovery
- Integrated pull reduction sheave to reduce pullout & lifting requirements
- Integrated sensor for real time measurement during testing of penetration, base inclination and water temperature

