

# VKG Vibrocorer 3/6/9m



## Description

The Geoforce High Powered VKG Vibrocorer system is a powerful means of obtaining continuous sediment cores, up to 9m below the seabed in most sediment types in water depths up to 1000m. The high powered model has an advantage over the standard model in compacted and consolidated sand, gravel, till and clay.

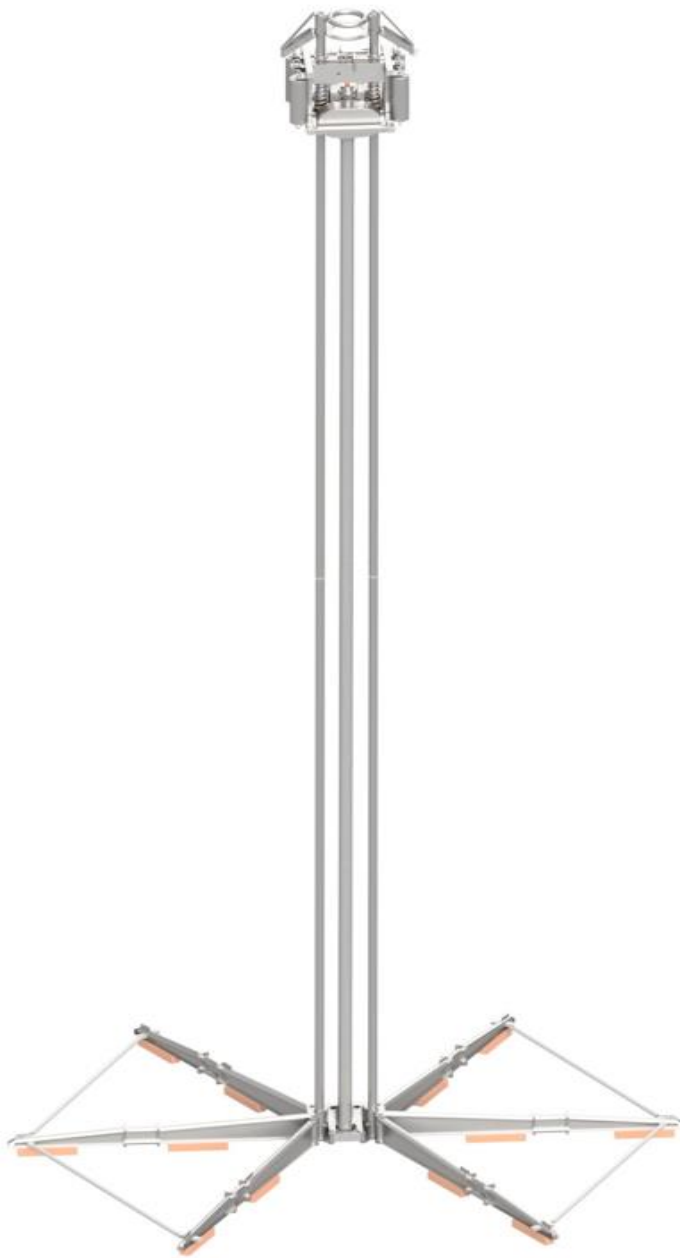
The system is offered as a complete vibrocoring solution and is supplied with:

- DNV rated control container with integrated core processing space
- Constant tension winch for safe management of the power umbilical
- Umbilical sheave
- 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 ensures safe operations but at the same time reduces vessel space requirements.

## Specifications

- Robust, reliable and powerful design
- 100kN Vibrating Force
- 25Hz to 30Hz Vibration Frequency
- Enlarged base over standard model
- Quick to mobilise
- 3m/6m/9m penetration options
- 100mm diameter core sample
- Dimensions = 4238\*5080\*10728 (l\*w\*h) 9m mode
- Lifting Requirements = 6.5t SWL (single fall mode)
- Power Requirements = 380-440V, 6.5kVA, 50-60Hz
- Dedicated umbilical constant tension winch for safe operations
- Dedicated DNV container with comprehensive spares package
- Variable core catchers for optimised sediment recovery
- Real Time penetration measurement to measure speed and depth via an Altimeter.



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