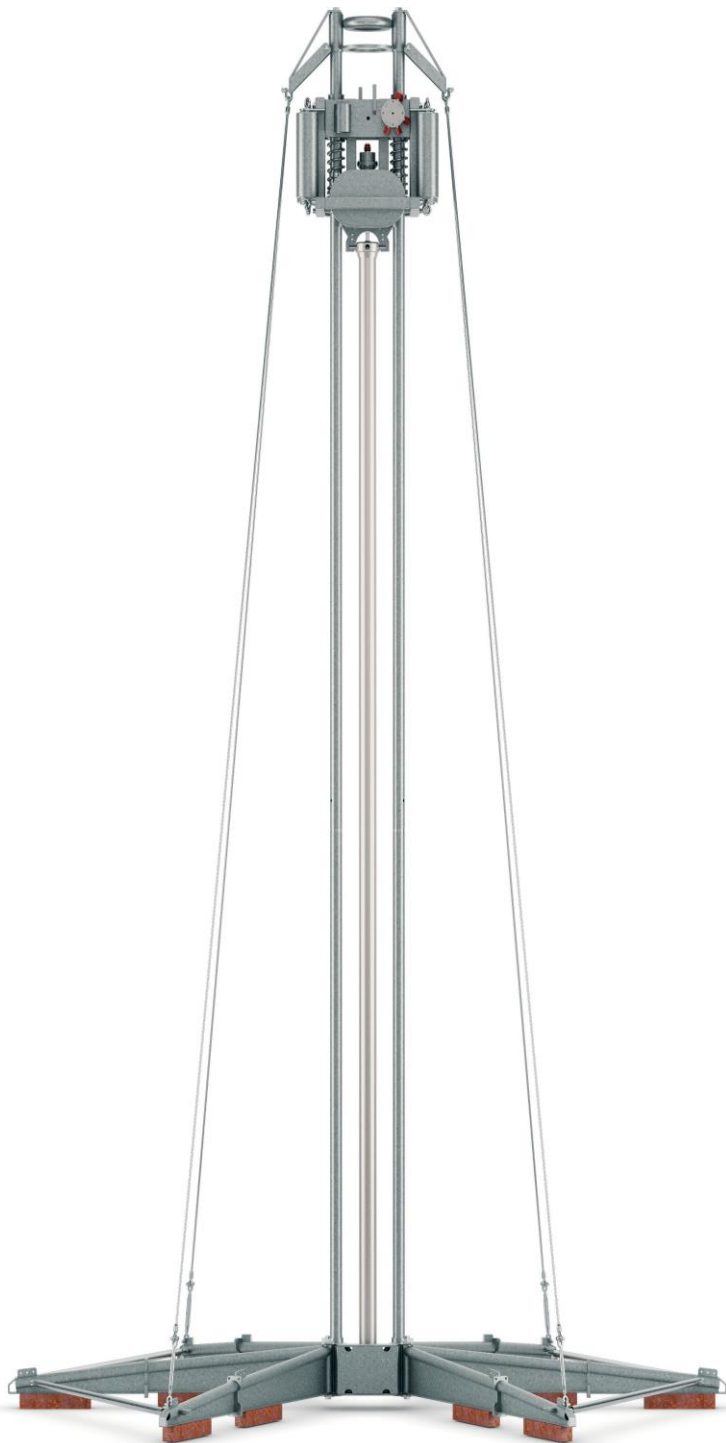


VKG Vibrocorer 3/6m



Description

The GeoForce VKG 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 250m.

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 Storage baskets (on request)
- Temperature controlled storage containers (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
- 30kN Vibrating Force
- 28Hz Vibration Frequency
- Quick to mobilise
- 3m/6m penetration options
- 96mm diameter core sample
- Dimensions = 7500*2500*2800 (l*w*h) 6m mode
- Lifting Requirements = 6t SWL (single fall mode)
- Power Requirements = 380-440V, 4kVA, 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
- Real Time penetration measurement to measure speed and depth via an Altimeter