



A simple solution to the problem of sampling dense/compacted sediments from vessels with limited handling capacity

Not all vessels have the capacity to deploy large sediment coring systems over the stern, so OSIL have developed a stable, miniaturised version of their high power vibrocorer system for easy deployment from vessels of opportunity.

The system can be operated as a standalone battery powered system, or can be powered from the vessel supply if available.

- For use in dense/compact sediments in up to 50m water depth.
- Easy to assemble system offering cores of 3m.
- Assemble dockside or on vessel with over stern or side deployment.
- Suitable for a wide range of vessel sizes.
- Vibrator motors engage once unit is on the sea floor to drive the core barrel into the bed.
- Cutting shoe and core catcher specifically designed to minimise sample disturbance.
- Unit designed for easy recovery to the vessel.
- System can be quickly and easily deployed, delivering a well defined core.
- PVC Core barrel liner.
- 66.5mm diameter sample.

Specifications

Corer

| | |
|--------------------|--|
| Height | 3.65m |
| Weight | 215kg (no sample) |
| Footprint | 182 x 105cm |
| Vibration force | 14.8kN |
| Barrel length | 3m |
| Material | Stainless Steel, Aluminium, PVC core liner |
| Core liner ID / OD | 66.5mm / 70.5mm |

Power & Control Box

| | |
|-------------------|--|
| Power | Self contained power supply to suit |
| Weight | 50kg |
| Max working depth | 50m |



Features

Vibrocorer

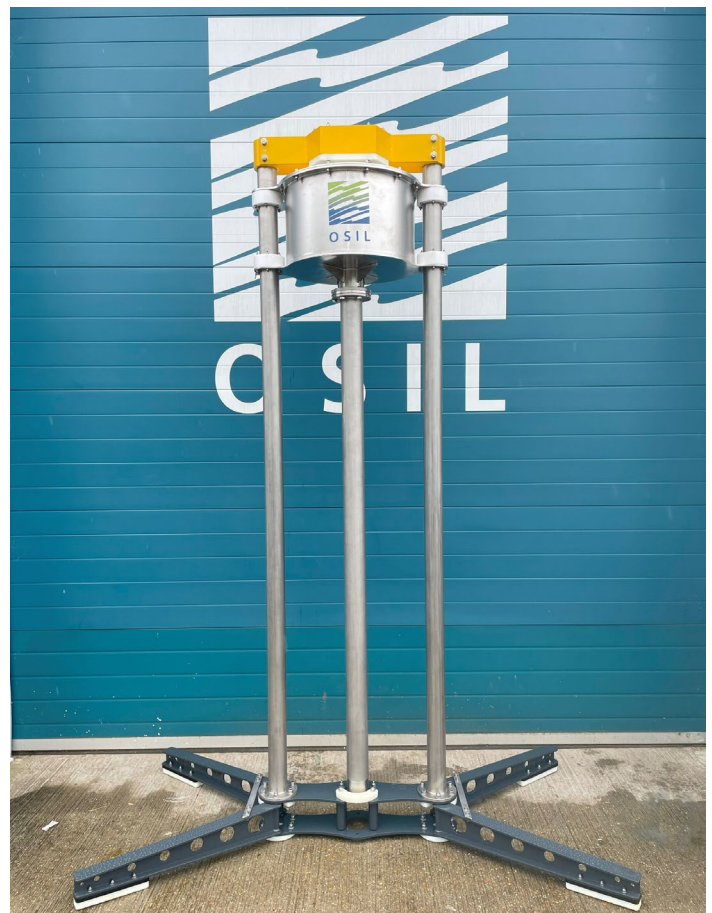
- Threaded Stainless Steel Barrel
- Anti-return valves
- Core Cutter
- Core Catcher

Power & Control box

- Self-contained operation
- Waterproof control box
- Power supply system to suit

Applications

- Mobile Research Platforms
- Off-grid sampling
- Pre-site Surveys
- Civil Engineering



FOR FURTHER INFORMATION PLEASE CONTACT:

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