



OSIL

Environmental Instruments
and Systems

OSIL Lightweight Vibrocorer

AN EASY TO TRANSPORT, EASY TO USE CORING SYSTEM

OSIL's new Lightweight Vibrocorer has been designed as an easy to use, easy to transport modular system capable of collecting up to 6m cores in 250m water depth (max).

- For use in dense/compact sediments in up to 250m water depth.
- Easy to assemble modular system offering cores of 3m or 6m system.
- Assemble dockside or on vessel, over stern deployment.
- High power vibrator motors engaged 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 horizontal recovery to the vessel, and easy recovery of the core on deck.
- System can be quickly and easily deployed, delivering a well defined core.
- Steel elements hot-dip galvanized and stainless steel construction.
- PVC Core barrel liner.
- 96mm diameter sample.



FOR FURTHER INFORMATION PLEASE CONTACT:

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Features:

Frame

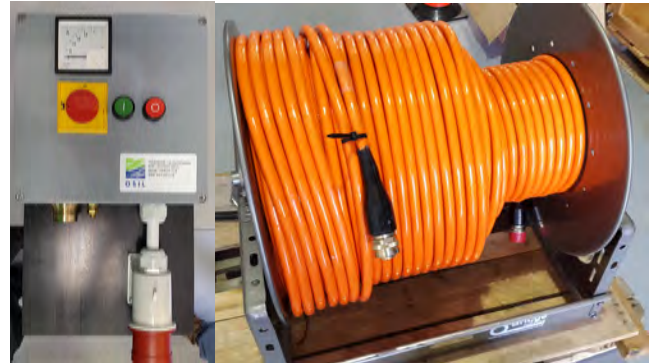
- Base Plate
- Support Legs
- Vibro Corer Frame (3m sections)
- Vibro Corer Head fitted with high power vibrator motors

Coring

- Corer Barrel 114mm OD
- Core Cutter
- Core Catcher
- Liner

Surface

- Armoured Deck supply cable (400V)
- Direct Online Starter Box
- Armoured High Power Vibrocorer cable (non load bearing)



Operational Dimensions;

Height	3m unit	4.0m
	6m unit	7.0m

Width Tower	1.0m
Width Base Supports	2.6m

Weight	Lightweight VC3000	
	6m	1200Kg

Power Supply;

400V 3 phase supply Double electrical motor (5,5 kVA) 30kN. 16A Start up current 2-6A Operational current.

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