EQUIPMENT SHEET

HIGH POWERED VIBROCORER

Lankelma's HPVC is a robust and efficient unit that can be deployed via a crane or A-frame from a multicat or similar vessel which will be selected based on the water depth limitations of each site. The core barrel is fitted with a liner in which to collect the core. Once these are recovered to deck, the core is extracted, split into metre lengths, sealed and marked with top and bottom indicators before being stored vertically. Basic field tests can also be undertaken on the samples.

Rig weight	3.5 tonnes max.
Core length options (barrel length)	3-6m dependent on application
Power	Electric, 3Ph, 380-415v, 50-60Hz
Dimensions (for shipping)	H 2.4m W 1.3m L 7.2m
Dimensions (operational)	H 7.2m W 3.3m L 2.4m
Water depth rating	200m
Motor	Twin-linear 13HP
Deployment	Via crane or A-frame
Applications	Cable routes, mineral evaluation, Geochemical, pre- dredge, nearshore SI

Samples are stored vertically in a specially made basket for transit to a lab for detailed logging, photography, PSD, Atterberg Limits and Moisture Content (and other applicable basic testing).

FEATURES

- Realtime Variable Frequency for use in a variety of soils
- Heavy gauge barrels which can withstand condensed gravel and soil layers
- Variety of core catches to suit specific soils
- Quick to mobilise on any suitable vessel (from small multicat to large offshore vessel)
- Deployed horizontally for safe and controlled operations in dynamic marine environments
- Flanged barrels to ensure rapid attachment and transfer of power directly down the barrel
- Top loading corer requiring less deck space and access to the seabed interface first
- Cores suitable for hand vane, thermal resistivity probe, geochemical sub-sampling

WE LISTEN THEN DELIVER

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