

### Coastline Surveys Limited Vibrocorer

Coastline Surveys operate electric twin-linear vibrocorers producing a centrifugal force of 9100Kgs from a 415v, 50-60Hz 3 phase power supply. These vibrocorers are suitable for obtaining cores in most marine sediments ranging from silt and sand through to gravel and stiff clay. Samples are suitable for geological logging.

This unit has a tripod type modular frame allowing for a 3 or 5 metre barrel configuration in water depths of up to 300 metres.

The system is powered using a 4-core 18-mm umbilical cable. This can be deployed using a constant tension umbilical winch (see separate data sheet for details)



Height (5m) corer)	5.8m
Power	Electric, 3Ph, 380-415v, 50Hz
Motor	Twin-linear 13HP 1,500 r.p.m.
Centrifugal Force	2,826kg
Base Diameter	5m
Weight	1.8 tonnes
Depth Rating	300m

Applications
<ul style="list-style-type: none"><li>• Inshore cable route surveys</li><li>• Aggregate resource evaluation</li><li>• Geochemical sampling surveys</li><li>• Pre-dredge geotechnical surveys</li><li>• Nearshore site investigations</li><li>• Pipeline route survey</li><li>• Microbial hydrocarbon prospecting</li><li>• Mineral exploration</li></ul>



Constant Tension Winch