

# Hydraulic Vibrocorer for Very Deep Water Use

OSIL (UK) has added a vibrocorer to its existing product range due to customer demand. The hydraulic system can be used as a stand-alone sediment corer or can be easily adapted to allow integration with subsea vehicles. The use of hydraulics opens the system up for use in very deep water in conjunction with a seabed hydraulic power pack.

A range of systems are available depending on the specific application, offering from 2,500kg to over 7,000kg centrifugal force and each providing a well-structured core sample that retains the individual layers.

The hydraulic model is based around the existing modular electrical vibrocorer, which allows for a 3m, 6m, or 9m system to be constructed depending on requirements. This can be easily assembled dockside or on the vessel itself, before deploying over the stern.

The system has been designed to be easy to handle, deploy and recover on vessels of opportunity.

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<https://www.hydro-international.com/content/news/hydraulic-vibrocorer-for-very-deep-water-use>

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