

# Hydraulic Vibrocorer

## Marine coring equipment



### Type

Hydraulic vibrocorer Weight

In air: 3,000 kg

In water: 2,500 kg

### Dimensions

Height: dependant on lenght core barrel between 3,000 and 10,000 mm.

### Base frame

Lenght: 2,000 mm (extended 3,400 mm)

Width: 1,500 mm (extended 2,900 mm)

### Vibration unit

Twin vibrator

Installed power 11 kW

### Electrical power

380 V (3 ph.) 50 Hz, min. 100 KVA

### Core barrel

Barrel lenght 3,000 - 8,000 mm

Barrel (od/id, mm)	Liner (od/idm mm)
76/72	70/67
108/103	100/96.4

### Handling core barrel

Pivoting system

### Penetration

Max. 8,000 mm

### Operational limits

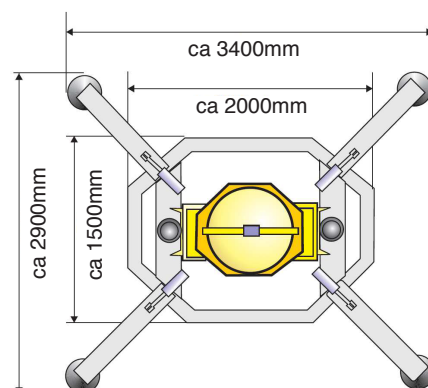
Max. 650 m waterdepth

### Hoisting power

Min. 12,000 kg (when penetrated in stiff clay in the seabed) and 6,000 kg, when penetrated in sandy soil.

### Deck space 12m

The core quality is very high. A special 50 ton hydraulic winch is available for coring in hard or stiff soil types up to 650m waterdepth.



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