



# SEABED CPT

## Roson 50kN Wheeldrive



<b>Rig weight (in air)</b>	
- Ballasted	7.3T
- Deballasted	3.6T
<b>Depth rating</b>	1500m
<b>Footprint</b>	2 x 2m
<b>Height</b>	2.13m
<b>Max. push force with 10cm<sup>2</sup> cone</b>	50kN (ballasted)
<b>Motors</b>	2 x 1.1kW
<b>Drive speed</b>	20mm/sec

### Features

- Seabed detector system
- 2-directional frame inclinometer
- Total load sensor for total push force indication
- Stroke limit detectors
- Depth encoder
- Fast deployment and acquisition
- I-cone realtime acquisition system
- Triple core umbilical
- Lifting points and wire supplied
- Can be deballasted for shallower pushes, soft seabeds or reduced vessel capacity

### Applications

- Pre-dredge surveys
- Post-dredge surveys
- Pipeline surveys

The Roson 50kN allows for fast, effective marine operations deployed using the dedicated sheave block from a vessel crane or A-frame for CPTs to refusal. The unit is rugged, easy to operate and reliable and features the tried and tested A P Van den Berg wheeldrive system which exerts an efficient force for a unit of this size and deploys a 10cm<sup>2</sup> or 5cm<sup>2</sup> cone.

Data is acquired and processed using an I-cone digital acquisition system allowing full control and real-time data viewing from deck level.

This unit runs off standard 240V power.