Oktopus Lander 1500 – Data sheet

Deep sea equipment carrier with release mechanics

1 Spec (w/o buoyancy equipment)

Dimensions (Ø feet layer x h): Ø 2450 mm x 2650 mm
Dimensions (w/o equipment): Ø 2170 mm x 2260 mm
Nominal diving depth: Full Ocean Depth
Weight: 270 kg / 240 kg (in air / in water)
Material: 1.4571 (X6CrNiMoTi17-12-2 / V4A)
Max. payload: max. 1250 kg
Accessories:
- rings for mounting of buoyancy equipment
- feet for mounting of release weights
- central mounting eye for coupling with launcher
2 Features
- equipment carrier in a modular design principle (building set)
- fast mounting and dismounting of components due to OktoMFS beams with t-slot (no drilling necessary)
- fully dismountable frame and easy to transport
- high payload
- optional available:
  - redundant releasers (acoustic actuator), which match perfectly to the lander’s release mechanics and guarantee a safe recovery
  - launcher (video-guided launching frame)
  - buoyancy equipment to the customer’s requirements

3 Applications
- long-term bottom observation systems
- sediment and benthos sampling
- chemical analysis
- long-term water sampling
- deep sea charge and power supply station