



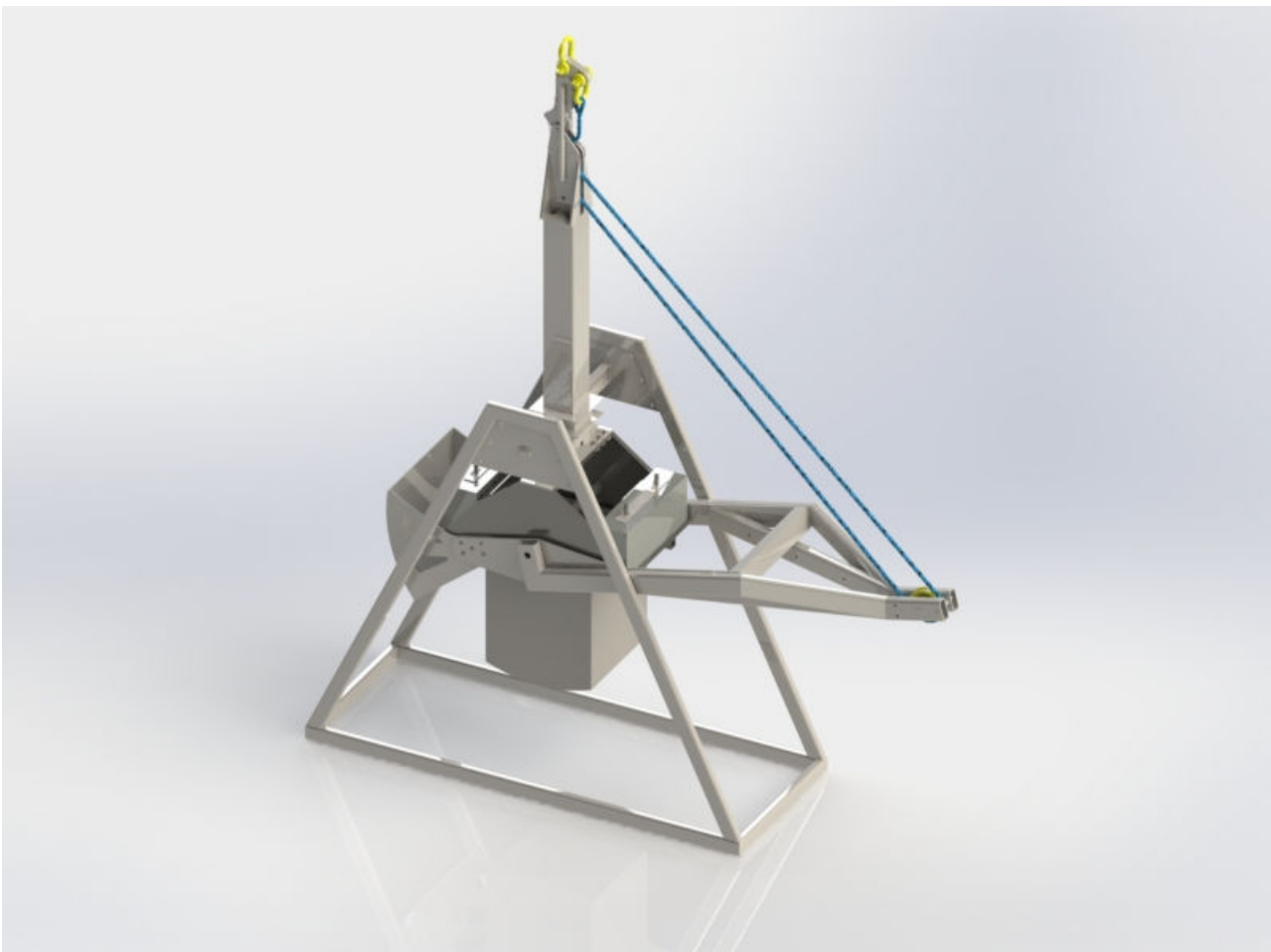
Box Coring System

The SEAS Box Coring System is a robust large volume tool that can work in any water depth and take 0.125m³ seabed samples (500mm x 500mm x 500mm)

The SEAS Box Coring System can be easily mobilized by road or sea freight and can be configured on-site for different coring conditions.

The weight package can include up to twenty-four 16kg weights to cater for varying seafloor conditions,

The core boxes and shovel are made from quality stainless steel to prevent sample contamination.



Specifications

Depth Rating	Depth of ocean
Shovel:	
Material:	316 Stainless Steel
Frame:	
Material:	Galvanized Steel.
Dimensions with stabilisers extended and ready to deploy (w x l x h):	3.1m x 2.0m x 4.0m
Weight:	800 kg (Excluding weights) adjustable up to 1200 kg (with weights)
Weights:	
Material:	Lead
Dimensions (w x l x h):	100mm x 300mm x 40mm
Weight:	16 kg each. Up to
Sample Box:	
Material:	316 Stainless Steel
Volume:	0.125m ³
Dimensions (w x l x h):	500mm x 500mm x 500mm
Load Release Mechanism:	Load Release Mechanism releases the shovel as weight comes off the lift cable on reaching the seabed. A Safety pin prevents tripping during deployment.