

# BGS BOX CORER SYSTEM

## SPECIFICATIONS

Stainless steel box corer frame with sampling ports  
Arming trigger yolk and wires  
Trigger safety pin  
Deck storage and deployment/recovery/sub-sampling cradle  
Stainless steel waste sediment collection tray  
Spares box  
Sampling tubes if required

## OPERATIONAL REQUIREMENTS

The system is self-contained, mechanically triggered and requires overside deployment using a minimum 3 tonne deployment 'A' frame, winch and wire or hiab-type crane and wire. Over-the-side deployment involves arming the corer, securing the safety pin on the trigger, deploying outboard of the ship's rail and then removing the safety pin from the trigger.

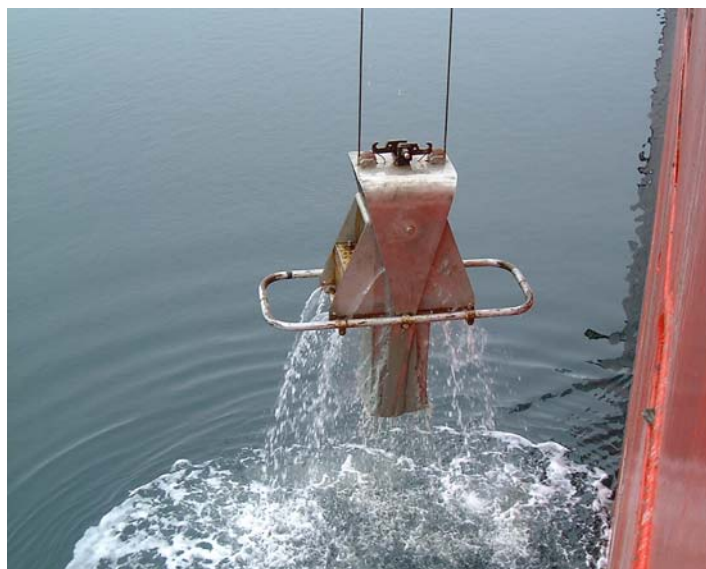
**Weight:** corer plus stand and tray weighs 0.5 tonnes.

**Deck space required:** 5 m<sup>2</sup> for deployment and working on corer before/after deployment.

**Laboratory space:** required for processing samples with additional box storage for spares and consumables.



*Box corer in stowage position.*



*Box corer after successful deployment.*

### Contact:

Alister Skinner/ David Smith  
British Geological Survey  
2A Nivensknowe Road  
Loanhead  
Midlothian EH20 9AU  
Tel: 0044 (0)131 448 2700  
email: [djism@bgs.ac.uk](mailto:djism@bgs.ac.uk)  
[acsk@bgs.ac.uk](mailto:acsk@bgs.ac.uk)