

HARDSUIT™ CRANE BASED LAUNCH SYSTEM (CBLS)

PART NO: A616-301



General Description

The CBLS is a self contained crane system designed to safely deploy and recover a HARDSUIT™ for operations in limited sea state. The CBLS is equipped with a wire rope winch and an overboarding latch mechanism (OLM) which captures the HARDSUIT™ tether at the suit lift point. The OLM can then be used to lift the HARDSUIT™ and deploy it to a maximum 30 meters water depth to release or recover the HARDSUIT™ while underwater. A tether overboarding sheave is also provided to accommodate tether handling. The complete CBLS is mounted on a 10 foot ISO container skid base complete with tarp supports and a tarpaulin cover. The CBLS is equipped for dual mains power connection (primary and back up). A dual pump/motor hydraulic power unit provides complete redundancy of the hydraulic power.

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Features:

- 10' ISO Skid base
- Hiab 200 Sea Crane
- Dual Hydraulic Power Unit (HPU)
- Control Station
- HARDSUIT™ deployment winch, 47 meters Wire Rope & Termination
- Overboarding Latch Mechanism (OLM)
- Hydraulic Hose Reel for OLM release
- Neutral Tether Overboarding Sheave (Roller Block)
- System supplied with tarp and tarp supports, lifting slings and spreader bar.
- System can be secured to the deck with either renewable weld down plates or ISO corner box fittings.



HARDSUIT Released from OLM

Specifications:

- Dimensions:** 96" x 120" x 102" (W x L x H)
2440 x 3050 x 2620 mm
- Weight:** 15,400 lbs (7,000 kg)
- Reach:** 25.5 ft (7.8 m)
- Power Requirements:** 240/460 VAC 60HZ, 20 kVA
- Certification:** Lloyds' Registry, Lifting Appliances in a Marine Environment (option)



Latch Mechanism Detail

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