

HARDSUIT™ LAUNCH & RECOVERY SYSTEMS

1200 ft. LARS MAIN SKID ASSEMBLY

PART NO: AH00012



General Description

The LARS main skid assembly is a fully integrated, air transportable, launch and recovery system for the HARDSUIT™. The skid consists of an articulated A-frame, docking head assembly, secondary recovery winch, main umbilical winch, trolley, and TMS. In the shipping configuration the skid dimensions are that of an ISO 20-foot shipping container. The system is secured to the surface vessel with renewable weld down points.

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Dimensions

Dimensions are identical for the 2000' and 1200' systems

Operating (A-Frame Inboard)

Length: 6096 mm (240")
Width: 2775 mm (109 1/4")
Height: 5537 mm (218")

Shipping

Length: 6096 mm (240")
Width: 2438 mm (96")
Height: 2591 mm (102")
(Suit not included)

Weight

1200': 15,730 kg (34,600 lb.)
(based on 430 m cable length)
2000': 17,300 kg (38,000 lb.)
(based on 860 m cable length)

Specifications

Depth	up to 2000 fsw	610 m - customer specified
Sea State	4-5 (6 ft swl)	1.8 m significant wave height
Temperature	-4°F to 122°F	- 20 °C to + 50°C

Certification: System certified to the following standards:

DNV - Rules for Certification of Lifting Appliances - 1994
DNV - Rules for Certification/Classification of Submersibles – 1988
with reference to DNV - Rules for Certification of Diving Systems - 1988
where applicable

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