



Gantry ROV Launch and Recovery System

Over 20 years of experience

Building on over 20 years' experience in delivering and supporting the Launch and Recovery of market leading subsea vehicles, the Gantry ROV LARS has been developed to equip vessels with ROV side launching capabilities. The compact LARS is designed to operate within the smallest hanger enclosures whilst safely handling the ROV over the side of the vessel. Deployment from a hanger unit ensures that the equipment can be operated and maintained within a sheltered location and also avoids using valuable deck space.

The equipment comprises of a Gantry style frame and an axial fleet winch and is capable of handling almost all 3rd party ROV's . The LARS spread is designed to minimise transportation, mobilisation and operating costs and is supported through IHC's 24-7 worldwide support network.

12.5
tonne

**Safe
working load**

5.5
metre

Outreach

3.5
metre

**Significant
wave height
operation**

**Compact
design**

Specification

Safe working load	A-Frame: 12.5t
Operational sea state	Sea State 5, Hs 3.5m
A-Frame reach (from pivot)	5.5m outboard
A-Frame dimensions	Length: 15.5m Width: 3.1m Height: 5.5m (hanger enclosure)
Rotate	+/-100 deg
Raise lower	3m
Vehicle stabilisation	Hydraulically damped snubber
Winch cable drum capacity	2,500m armoured umbilical
Winch level wind	Axial (electrically driven)
Temperature monitoring and control	Water spray bar and winch drum temperature sensor
Operational lighting	Crossbeam mounted LED floodlights
Vessel interface	Gantry: hanger roof mounted Umbilical winch: floor mounted with anchor points

Options

Load monitoring	Sheave pin loadcell for real time load monitoring
Traverse range	Extended range available on request
Greasing	Remote greasing