

A-Frame System with Winch

650/38-50 kN LARS



Description

This standard launch and recovery system (LARS) is built onto a single skid and is designed for handling observation vehicles and other subsea equipment.

The system has an integrated standard ROV winch, A-frame, work platform, cable sheave and integrated auxiliary wire winch. Furthermore the system is delivered with telescoping jibs and retractable work platform making it ideal for the limited space conditions onboard a vessel or offshore.

The winch system can be full certificated according to DnV's "Rules for Certification of Lifting Appliance – 1994". Lifting devices are designed, tested and certified according to DnV's "Offshore Containers" 2.7.1 and the system is certified according to ATEX 94/9 Eexd zone 2 applications.

Features and benefits

- Local control placed on the winch
- Direct driven level wind with on-site position adjustment
- Prepared for mounting of a Focal electrical/fibre optical slip ring
- Free access to all junction boxes
- Separate Hydraulic Power Unit included
- Long proven track record
- A-frame with telescoping jibs
- Retractable working platform
- Compact sized
- Hydraulic self erecting

Applications

- Observation vehicles
- Subsea pumps
- Deep tow systems
- Coring and piling systems

System options

- Certification of lifting points according to International Labour Organisation (ILO 152) for lifting from quay to ship or for lifting according to offshore regulations
- Remote control for deck use or positioned in control container rack
- Hydraulic override function for adjustment of level wind during operation
- Cooling of umbilical and hydraulic system for operation in hot areas
- Sacrificial sea-fastening brackets
- Extra control valve for A-frame operation or other hydraulic equipment
- Cable status indicator showing deployment length and speed

These are just examples of the options available



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