



Launch & Recovery Systems

Model FT-90 LARS

Quality A-frame and Crane Based LARS

The FT-90 LARS was developed by Subsea Innovation to meet the requirements for light weight ROVs. The base frame is strengthened to avoid the need for large seafastening or expensive modifications to vessel decks. Installing all the hydraulic components in a single st.st operating panel makes maintenance extremely easy. The design capacity is 12 Te design (4 Te SWL).

Technical Specification

- Safe working load (SWL): 4 Te
- Global design factor: 3
- Test load: 12 Te
- Outreach: 3.5m
- Skidbase dimensions: 3.2m wide x 6m long
- Gross weight: 11 Te
- Fixed boom
- Operating envelope: 45 degs inboard / 45 degs outboard
- Design temperature: -20 to +50 degC

Hydraulic Functions

- A-frame in / out
- Snubber drive (through axis)
- Snubber damping (through axis)
- Latch rotate
- Failsafe latch assembly



Special Features

- Hydraulic self erecting
- Winch fleet angle compensating sheave
- Controlled hydraulic damping of latch head for rough weather
- All moving points piped to accessible lubrication bulkhead
- Stainless steel hydraulic fittings throughout

Optional Extras

- HPU
- Umbilical ROV winch
- TMS
- Radio control
- Hydraulic gates
- Snubber walkway
- Line-out encoders
- MRU integration
- Driven sliding pallet

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