



General

The Hytech Launch and Recovery System (LARS) is a dive handling system designed to handle a dive cage with 2 divers with 2 air bottles of 50 liters.

The lifting height is 100 meters.

The LARS System with Cage & Clump is a self containerized unit on a 20 feet long footprint.

The Diving Control Station (optional) is located in one of the Hytech containers.

Highlight

- **Easy to Transport**

The system is easy to transport, because of the small dimensions and a total weight of only 4.2 metric tons. The system can be transported in a 20 feet ISO container.



- **Safety Philosophy**

Clump winch can raise manned cage in case of emergency (Back-up).



Triple braking systems on each man-ride winch. All winches are located within the base frame.

- **Easy to Operate**

The system is controlled via a control panel on the base frame.



- **Lloyds certified and meets the IMCA rules**
- **Marine working environment**
- **Heavy duty parts**



Specifications

Weights

Maximum SWL LARS	940 kg (clump, cage, 2 divers, tools, bottles)
Weight total system including cage and 2 bottles	4200 kg

Technical Design Data

Lifting according to Lloyds lifting appliances in marine environment	
Diving according to IMCA D014 and D023	
Duty factor	1.2
Hoisting factor	1.7
Offlead/Sidelead	10° / 10°
Operating temperature	-20 ° till 50°C
Lifting speed	0.25 m/s (IMCA Requirement)
Lifting height	100 meter

Power

Power required	440 VAC-3Ph + PE, 32 A
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