



## LARS - LAUNCH AND RECOVERY SYSTEM



### TECHNICAL DATA

#### General Description

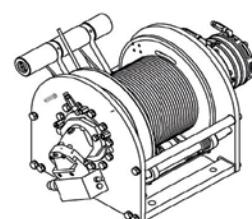
The portable launch and recovery system with two lifting winches, hydraulically powered, is designed to handle a dive cage with 2 divers with 2 air bottles of 50 liters. The lifting height is 100 meters. The LARS with cage & clump is a self containerized unit on a 20 ft. long footprint. The system is 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 ft. ISO container. The function of the clump weight is to keep the dive basket straight and steady under water. In case of an emergency or breakdown of the wet bell winch, the clump winch can raise the manned cage. The winches are located within the base frame and each man-rider winch is equipped with a triple braking system.

#### Specification

Total weight:	4200 kg (including cage and 2 bottles)
Maximum SWL LARS:	940 kg (clump, cage, 2 divers, tools, bottles)
Duty factor:	1.2
Hoisting factor:	1.7
Offlead/ Slidelead:	10°/ 10°
Operating temperature:	-20°C till 50°C
Lifting speed:	0,25 m/s (IMCA Requirement)
Lifting height:	100 meter
Power required:	440 VAC-3Ph + PE, 32 A

#### Certification

Certification Society:	Lloyd's Register
Design Standard:	IMCA D023
PMS:	IMCA D018



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Zertifizierung von:



### BALTIC TAUCHEREI- UND BERGUNGSBETRIEB ROSTOCK GMBH

Alter Hafen Süd 3 | www.baltic-taucher.de | P: +49 (0)381- 811 10 00 | F: +49 (0)381- 811 10 01 | M: +49 (0)172 - 30 40 540  
18069 Rostock | info@baltic-taucher.de | +49 (0)381- 811 20 00 | +49 (0)381- 811 20 01 | +49 (0)174 - 19 15 403