

LAUNCH SOLUTIONS FOR WORK CLASS ROV'S

SMD bring years of knowledge and experience to the design and manufacture of launch and recovery systems to offer full LARS solution for Launch and Recovery Systems (LARS) for operators, system integrators and Original Equipment Manufacturers (OEMs) of Work Class ROVs systems. Standard SMD LARS systems are manufactured to interface seamlessly with SMD WROV systems but can be easily interfaced to other equipment suppliers WROV and TMS systems. All SMD turnkey WROV LARS systems are designed for long service life and are available with DNV or Lloyds Design Approval as standard and can be load tested at SMD's in-house production facility according to both standards and IMCA if required. SMD's unique turnkey solutions can include umbilical wind on under back tensions of up to 12Te, mechanical termination of the bullet (with confidence pull test) and facility for a full system electrical and mechanical stack up test (e.g. Control cabin, HPU, Winch, A-Frame and any other accessories). Optional features such as LARS deck lighting, deck cameras and umbilical cooling spray systems are available on request.

GENERAL FEATURES	
<ul style="list-style-type: none"> Standard 6Te, 8Te, 12Te and 15Te SWL LARS available. Light weight designs. Up to sea state 6. 	<ul style="list-style-type: none"> Bunded skid bases. Suitable for a wide range of 3rd party ROV's, umbilicals & slip-rings. Custom designs can be provided.
A-FRAME FEATURES	UMBILICAL WINCH FEATURES
<ul style="list-style-type: none"> Self-erecting designs. Anti-crush mechanism included as standard. Integrated Docking Head. Pivoting sheave wheel. Umbilical length out sensor. Fail-safe docking head latch system. Outboard safety gates. Main gantry cylinders mounted in-line with legs to improve maintenance access. 	<ul style="list-style-type: none"> Dual control for remote or local operation. Closed-loop fleeting control with Manual / Automatic modes. Adjustable fleeting box to allow different configurations of fleeting entry angles. Conventional (Transverse) or Axial Fleeting. Optional bolt-on grooved drum shells. Integrated crash frame with lift points. Fail-safe brake. Quick coupling hydraulic connections.



6Te SWL



8Te SWL



12Te SWL