



Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

PRODUCT DATASHEET

Diver Wet Bell System
SMP?10Ft?????



THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

OVERVIEW

The SMP Wet Bell Launch and Recovery System (LARS) is designed within a compact operating footprint to minimise the required operational deck space on board a vessel or barge. Emphasis has been placed on ease of mobilisation and



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demobilisation, so that costs are kept to a minimum.

Please contact us to discuss your bespoke requirements and options.

DESCRIPTION

The SMP Wet Bell Launch and Recovery System (LARS) is designed within a compact operating footprint to minimise the required operational deck space on board a vessel or barge. Emphasis has been placed on ease of mobilisation and demobilisation, so that costs are kept to a minimum. The Wet Bell LARS is IMCA D023, IMCA D037 and IMCA D018 compliant with additional Third Party Design approval to Lloyds Rules for Lifting Appliances in a Marine Environment.

When fully retracted by the hydraulic cylinders, with the wet bell and clump weight stowed on the heavy duty based skid, the size and dimensions of the Wet Bell System are exactly the same width as a standard ISO 20'™ container so that the system can be located on conventional transport with no out of gauge additional costs applicable.

The Wet Bell itself is fully fitted out for the life support of 3 Divers including all surface gas interface /control, onboard gas and hot water distribution. All pipework and fittings are 316 stainless steel and brass. A light and communications speaker is fitted internally for the divers. Two additional lights are fitted to the external of the bell. The air pocket is fabricated from steel with 2 large acrylic windows. The Wetbell LARS has the capability of delivering 3 Divers to maximum depth of 125m with a 10m vessel freeboard allowance.

Hydraulic supply is fed from 2 x 30kW HPU providing 100% redundancy in the event of an unexpected failure. All pressure pipe work and fittings are 316 stainless steel and brass. Power units include filtration, desiccant breathers, relief valves, inspection hatch, sea water cooling and level gauges.

FEATURES

Main Structure

- Base Frame With Winch Platform L 4000mm x W 2438mm Footprint
- A-Frame 2700kg SWL
- Non-Slip Composite Grated Floor

Wetbell

- W 1340mm x D 1250mm x H 2000mm, 500kg Payload
- Suitable for 3 Divers, Includes 2 Retractable Seats & 3 Umbilical Hangers
- 3 Diver Gas Supply Control Panel
- 3 Diver Hot Water Supply Control
- 1 x Internal Comms Speaker
- 1 x Internal Camera



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- 1 x Internal Light, 2 x External Lights
- 2 x Large Acrylic Windows
- Incorporated Clump Weight Wire Guides
- Non-Slip Composite Grated Floor

Clump Weight

- Double Weaved Wire
- Capable of Recovering the Wetbell in an Emergency
- Easily Removable End Plates for Maintenance

Equipment

- 1 x Primary 30kW HPU w/200 litre Tank
- 1 x Secondary 30kW HPU w/ 200 litre Tank(Back-up Unit)
- HPU Changeover Valve
- 1 x Wetbell Manriding Winch with 200m of 14mm OD Anti Rotational Wire
- 1 x Clump Weight Manriding Winch with 300m of 13mm OD Anti Rotational Wire
- 2 x Hydraulic Cylinders for A-Frame Positioning
- 1 x Umbilical Winch w/ A-Frame Roller Guide

Electrical Requirements

- 30kW, 380-440V 3Phase, 50/60 Hz

Optional Extras

- Portable Remote Electro / Hydraulic Control Console
- Umbilical Storage Basket

SPECIFICATION

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ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on
+44 (0)1772 687775

Alternatively you can place a quote request through our website
<http://www.smp-ltd.co.uk/> or send an email to sales@smp-ltd.co.uk