

DIVING SPREADS

Mixed-Gas (Heliox) Diving System

Surface-supplied heliox	Wet bell, A-frame LARS	Lloyd's Rules design	Extends beyond air limits
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SCOPE OF WORK

A surface-supplied mixed-gas (helium-oxygen) diving spread built around a wet bell with acrylic dome, A-frame launch and recovery, and dedicated guide-wire and main-wire winch systems, designed to Lloyd's Rules. It extends diving capability beyond air-diving depth limits without the footprint of a full saturation spread.

Safe Working Load	
Wet bell / bell winch / guide wire	1,600 kg / 1,800 kg / 2,200 kg
Fail-safe brake rating (bell / guide wire winch)	2,100 kg / 2,750 kg
Launch & Recovery	
Physical size	4,000 x 2,300 x 3,200 mm, 8 t
Main wire winch	1.9 t min lift, 20 m/min, 100 m x 14 mm wire
Guide wire winch	1.4 t min lift, 36 m/min, 200 m x 12 mm wire
Power	
Main supply	15 kW, 380V/50Hz or 440V/60Hz, 3-phase
Standby supply	11 kW, 380V/50Hz or 440V/60Hz, 3-phase
Design	
Standard	Lloyd's Rules
Deployment	Skid base with rigid A-frame, safety stops for man-riding