



interdive

INTERDIVE BESPOKE DIVE VAN

SPECIFICATION SHEET

The Interdive bespoke Dive Van has been designed and built by an experienced saturation diver using the best equipment available from well-known and established suppliers in the UK. Our aim at Interdive Services Ltd is to provide reassurance to the divers that they have the right equipment for the job, while offering the client reliability, professionalism and competency on all projects. Rather than restrict ourselves to a containerised system we have built the following into a LWB van making it transportable and readily available and accessible.

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INTERDIVE DIVE VAN

DIVE CONTROL

Independent and internal work stations for the supervisor and client with printer accessibility. Powered by our own generator on remote worksites or 240v hook up.

2 x 2 Diver HP Panels which provide a means of independently supplying breathing air to the two divers and the standby whilst being able to continuously monitor the diver's depths to a maximum of 50m. The panel includes 3x HP air inlets which are regulated down to provide one independent primary supply per diver and one common secondary supply per panel. The panels have been Designed and manufactured in accordance to IMCA D040, HSE guidelines, BSI quality standards & CE approvals, whilst testing and certification in accordance with IMCA D018

The divers have a total gas volume available of 280ltrs via steel gas storage cylinders charged at 300b which is readily available and distributed within the dive control. We carry 3x stage high pressure compressors powered by a Yanmar diesel engine. The compressor is supplied with filtration and an inline O2 analysers to supply breathing quality air to standard EN12021. The air intake is via a snorkel to prevent compression of diesel fumes, carrying handles fitted as standard. Maximum working pressure 300 Bar.

A C-Technics 2 Diver Video with round robin or PTT Diver Communications System is used, which offers 30 hours of continuous inbuilt recording of all the data to Hard Disk Recording. This can then be transferred to a USB stick for each client as requested immediately via the Windows computer built into the unit. The keyboard is used for on-site data input of diving position, diving conditions, diver details and other useful information. Date, time and elapsed time are generated automatically. The divers are equipped with Miniature Underwater Cameras and lightweight dimmable led lights, that are both bracket mounted to the Kirby Morgan helmets and have been designed for shallow water inspection operations where small size, long operating life and excellent video quality are required.

Both working divers will be wearing the Kirby Morgan 37 commercial diving helmet with a long tradition of providing the highest quality and superior performance for commercial divers. It includes the new Kirby Morgan Quad-Valve Exhaust System, which provides less breathing resistance whilst providing an extremely dry helmet. The Kirby Morgan Quad-Valve Exhaust System is recommended for commercial diving in biologically contaminated water so caters for all aspects of a commercial air diving. The standby diver will be wearing the Kirby Morgan Band mask 18B which is used by commercial divers all around the world for ease and speed of fitment for any emergency.

The van is also fitted with The Amron International 3-Diver Portable Communicator, which provides a secondary communication system with a battery backup that is wired into the diver's umbilical's to ensure communication is maintained throughout all diving operations.

DIVE EQUIPMENT

All 3 divers have the availability of 110mtrs of air diving umbilical, with video and lights only available to the working divers.

The standby diver has his own independent screen which replicates the supervisor and clients screen allowing him to see the divers at work so he/she will be aware of any issues if an emergency arises and deployment is needed.

We have an assortment of bailout bottles inside the van such as 10ltr/300bar and 12ltr/232bar.

Dependant on the underwater operations we can provide MK6 R-Vests for bottom work with a quick release weight function or a buddy commercial BCD, which is utilised in the offshore industry worldwide for supplied surface diving due to its advantages over multiple competitors. The 2 key objectives are to improve diver safety and increase productivity. The Integral diving harness provides front and back lifting points for diver recovery and to facilitate resuscitation.

We carry an assortment of weights for the divers and their umbilical's if required.

Oxygen administration kit is present along with a first aid kit, ferno scoop stretcher and accident book.

Assortment of fins, knives and harnesses are available to all divers.

ADDITIONAL EXTRAS

- Bathy Corrometer - a diver held unit which will measure the corrosion potential at specific contact points. Although the readings are visible to the diver, they can be seen with the diver's hat camera. This equipment is renowned for its rugged, dependable construction, it has built a reputation for reliability and its ability to handle harsh environments whilst taking accurate measurements. The CP meter comes in a protective carry case.
- Cygnus Meter - The unit is depth rated to 300 meters and it provides an accurate metal thickness measurement through coatings up to 20 mm thick. The bright LED display ensures easy viewing even in poor visibility conditions. The Underwater Thickness Gauge is supplied ready to use as a complete kit in a protective carry case.
- Broco Underwater Cutting System - Provides the fastest most efficient and cost effective means of completing underwater cutting, piercing and gouging tasks. These rods cut through marine growth, rust and mill scale, eliminating the need for pre-cleaning and helping to lower operating costs and reducing bottom time.
- ROV (separate specification sheet available upon request).



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