



# SYNERGY

INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

UAE • UK



ISO 45001:2018 OHSMS



## SYNERGY RANGE OF COMMERCIAL DIVING HARNESS

### R-Vest with hard backpack and slider buckles



**PART NO : SY-ARVESTMK5**

#### DESCRIPTION

All the benefits of a harness in an easy to don jacket. Our Northern Diver R-Vests have been developed to assist divers. Rather than have several cumbersome items of kit, R-Vests enables you to replace them with this one, easy to don jacket. Also known in the industry as recovery vests, our R-Vests combine a recovery harness, cylinder attachment, quick-release weight belt and work vest with tool attachment points into one body-hugging unit. With an overall breaking strength of 1000kg.

#### FEATURES

- Tested and compliant with EN 15333-1:2008
- Manufactured & tested in accordance with ADCI guidelines
- Each of the 9 D-rings has been independently tested to a breaking strength of 1000kg
- Quick release sat bag for tools
- Quick release weight pockets
- Loop for carrying hammer
- Backpack with cam band for attaching cylinders
- Adjustable waist and crotch straps
- Sizes available: Standard & XL
- 316 Stainless Steel Marine Grade fittings.
- Standard | 91cm - 116cm | 36" - 46"
- XL | 121cm - 162 cm | 48" - 64"



## SYNERGY RANGE OF COMMERCIAL DIVING HARNESS



**PART NO : SY-CDH**

### DESCRIPTION

Manufactured and tested to IMCA's guidelines.

A diver recovery harness utilising heavy duty webbing and large stainless steel D-Rings, ergonomically designed for comfort and safety.

There is a lifting point at the back of the divers neck and chest mounted D-rings for tool and umbilical attachments.

The yellow harness features a waist strap adjustment with a cam type buckle and adjustable leg straps. The shoulder and chest straps are also fully adjustable.

### FEATURES

- Manufactured and tested to IMCA's guidelines.

The Divex Simple Webbing Harness Mk1 is a simple "parachute" style diver recovery harness utilising heavy duty webbing and large stainless steel D-rings.

The Mk1 Harness features include:

- Waist strap adjustment with a cam type buckle
- Rear lifting point at the back of the divers neck
- Chest mounted D-rings for tool and umbilical attachment
- Adjustable leg straps providing comfort and safety for the diver

The Simple Webbing Harness Mk1 is a simple diver recovery harness that is ergonomically designed for comfort and security.



**PART NO : SY-SWH-MK1**

## SYNERGY RANGE OF COMMERCIAL DIVING HARNESS

### Of course it's an upgrade incorporating diver feedback - this is how we work with our customers!

The JOK II is a CE-Marked Diver recovery harness to permit recovery of a fully-kitted diver from the water in air diving or bell diving conditions. Lifting can be via a rear of neck 'D' Ring or with a spreader bar across the two front of harness lifting points. The under-leg straps are essential for diver recovery. It is important to differentiate between certified lifting points and lightweight tool attachment points - the special profile-cut 'D' rings make no doubt which to use, and assist the diver in poor visibility or stressed conditions. The Umbilical connection point is also load tested, but is adjustable as to its position, which allows divers of different sizes to slide it into position and lock it in the most suitable place.

#### Testing

Very few diver recovery harnesses have ever been tested to ensure that they actually support the diver when he needs it. Life Support Engineering (LSE) developed a rigorous test protocol and procedure when designing the Mk1 harness and continue this striving for the best with the MKII. The JOK II harness was tested at 900Kg/N with no failure of stitching or webbing, in line with the requirements of harmonised standard BS EN15333:2008. The special profile cut 'D' rings were selected to overcome any doubts which may occur when using normal welded 'D' rings for lifting purposes as we uncovered that the manufacturers of these traditional items would not load certify them as they could not guarantee the weld quality.

#### Maintenance

As per other lifting equipment it is strongly recommended that the diver's recovery harness is added to the company's Planned Maintenance System (PMS). The harness should be inspected by a 'competent person' every 6 months for any sign of abrasion or stitching failure, along with other damage to component parts etc. Consideration should be given to adopting IMCA's policy on such life support equipment to ensure it continues being fit for purpose. Refer to IMCA document DESIGN D018 detail sheet 34.





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## SYNERGY INFRASTRUCTURE





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## SYNERGY RANGE OF COMMERCIAL DIVING HARNESS

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