FIBRELIGHT

FIBRELIGHT MOB Recovery Cradle

The Fibrelight Cradle is a Man Overboard Recovery Device that has the versatility to recover casualties into many different types and sizes of vessels.

The Fibrelight Cradle is a maritime recovery system that can be operated by a single crewmember. The Cradle also serves as a boarding ladder, scramble net and stretcher.

The Fibrelight Cradle is lighter, more compact , better value and more versatile than any comparable devices on the market. The Cradle requires only regular inspections and minimal maintenance, so there is no requirement to pay for annual servicing.

The Cradle has been primarily designed for use by rescue craft, rigid inflatables, ship lifeboats and marinas, however it is currently in use on many other vessels and in diverse industries.

The Fibrelight Cradle enables MOB recovery by one end of the Cradle being secured to the craft and the outboard end being held away from the boat by hand or boat hook. The MOB is then guided into the Cradle and once securely in the outboard end of the Cradle the casualty is then hauled in rung by rung. Using this parbuckling action the MOB is safely rolled up and over the side of the craft.

KEY FEATURES:

- MCA Approved
- Lightweight
- Portable
- Compact
- Multiple uses
- No annual servicing required
- 3 years manufacturers warranty

SPECIFICATIONS:

- Width: 1.3m*
- Length: Up to 15m
- Weight: 1.6 kg per metre
- Safe Working Load 150kgs (Cradle) 600kgs (Scramble Net)

*Can be made as a Narrow Cradle with a width of 800mm.

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The standard dimensions are 1.3 metres wide by lengths of up to 15 metres, however bespoke sizes are available to suit the individual needs. A 3m Cradle weighs as little as 5 kilograms. The recommended size of the Cradle should be at least double the length of the freeboard height plus 1 metre, in order to allow the Cradle to reach the water and the outboard end of the Cradle to be held at deck height.

The Cradles are constructed using carbon fibre rods enclosed in flanged tubular webbing. When the webbing tubes are fitted and sewn at right angles between the double thickness pockets of a second webbing, an incredibly strong structure is created. In this way the rod is fully supported within the vertical members of the Cradle.

ISO 799 strength test, as part of the SOLAS approval programme, required successive rungs to be loaded to over 900kgs and sustained for one minute without failure. The Cradle construction has also been tested and approved for thermal aging, weathering, UV light, oil resistance and practical performance.

PATENTS & CERTIFICATES

UK Patent: GB2451127.

European Patent: 2178743.

US Patent: 8905803.

Certificate of Design Registration (IPO): 4028064.

Tested and Certified by Lloyds Register: SAS S150121/ M3.