

# Fibreight Cradle



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

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

The Fibreight Cradle is lighter, more compact 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 in many other vessels and industries.

The Fibreight 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, boat hook or bridle. The MOB is then guided into the Cradle and once securely in the outboard end of the Cradle is then hauled in rung by rung. Using this par-buckling action the MOB is safely rolled up and over the side of the craft.

- SOLAS approved
- Packed in a valise
- Tough and durable
- Low maintenance
- Compact
- Tested in accordance with Lloyd's Register Certificate Type Approval SAS S100 150

Technical Data	2M	3M	4M	5M
Product Code	WR0232	WR0233	WR0234	WR0235
Length (cm)	200	300	400	500
Width (cm)	130	130	130	130
Weight (kg)	4.25	5.50	6.75	8.00
Construction	PU Coated Polyester webbing, reinforced with 10mm carbon fibre rods.			

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The standard dimensions are 1.3 metres wide by lengths of 2, 3, 4, 5, 6 and 7 meters, however bespoke sizes are available to suit the customers' needs. A 3m Cradle weights as little as 5 kilograms.

Recommended size of the Cradle should be at least double the length of the free-board height, 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 ladder. 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 ageing, weathering, UV light, oil resistance and practical performance.

The following additional extras are offered:

- **Attachment Sling**; to add length and convert the cradle from 6-point linkage to 2 or 3-point linkage
- **Ballast Rung**; to offer sink-age in the middle rungs of the Cradle, particularly useful when operated from a davit
- **Extendable Rescue Pole**; to assist with bringing the MOB towards the Cradle
- **Loop-through Bag**; this enables the Cradle to be permanently attached whilst in its weather-proof carrier

## PATENTS & CERTIFICATES

UK Patent GB2451127

European Patent 2178743

US Patent 8905803

Certificate of Design Registration (IPO)  
4028064 SOLAS Certificate number SAS  
S100150