

The Markus Rescue Cradle is designed for FRCs with lifting heights from 0.5 m (1.64') to 2.0 m (6.56'), with a suitable midship rescue zone. It is also suitable for Charter boats, Tourist boats, and Patrol boats.

Width: 2.4 m (7.87')

Vertical length: Variable.

Weight: Variable.

Lifting height: Variable.

**Important:** Add 2 m (6.56') below the waterline to enable MOB's first step.

### Methods of use:

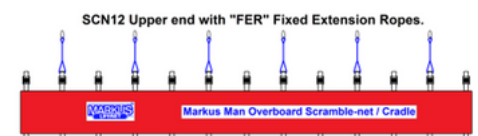
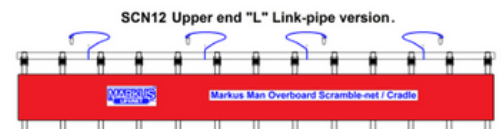
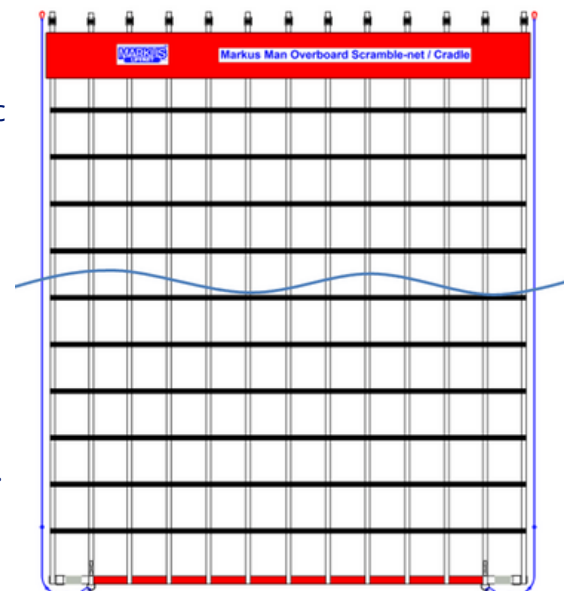
1. Climbing,
2. Manual horizontal (parbuckle) lifting by two deck crew
3. Useable with mechanical hoisting system and short boom

### Other Specifications:

- Stowage diameter: 245 x 25 x 5 cm (98 x 10 x 4 Inches) 0.031 cubic meters.
- Weight from 10 kg to 12.4 kg (22 lb to 27.3 lb)
- Packing: PVC / Polyester fabric bag. Color: Orange Red. White, gray, and black are available as special order. Ordering an upper-end aluminum bar and GRP outdoor storage container is also possible.
- Made of Polyester webbing, marine grade rigid plastic and metal parts.
- Each vertical webbing tensile tested in excess of 1000 kg (2204 lb).
- Each mesh tensile tested in excess of 500 kg (1102 lb).
- Tensile tested in excess of 6 metric tonnes (13227 lb) with an equal load on each vertical fastening webbing loop on the upper end.
- Workload is 14 Metric Tons (MT)
- Made to LSA / SOLAS standard as applicable. Subject to SOLAS-type approval.
- Supplied with Certificate of Conformity.

### Storage and fastening options:

- All nets include 13 buckle loops for storage and fastening.
- Mobile Option One (Default): Fixed on an extra link pipe with 4 extension ropes and snap hooks.
- Mobile Option Two: Fixed onto rail or fastening eyes with 6 fixed extension ropes and snap hooks.
- Mobile Option Three: Stored indoors, laid flat and uncovered on a shelf, ready for use and deployment according to the methods above. This storage method minimizes repair needs.



### Available SCN12 accessories and design components:

- Product no. 7380002 – SCN12 Link pipe with 4 extension ropes, each with snap hook.
- Product no. 7380011 – SCN12 fixed length of extension rope (FER) with snap hook. (6 pcs)
- Product no. 7380012 – SCN12 100 to 200 cm (40" to 80") adjustable extension rope (AER) (6 pcs)
- Product no. 7380021 - SCN12 GRP distance profile.

**Hypalon Patch with  
rectangle SS link for  
25mm webbing**



**Product no. 7300002**

**SS Hook**



**Product no. 7300004**

**SS rectangular link, clip and  
two screws. To be screwed  
to GRP or aluminum  
construction.**

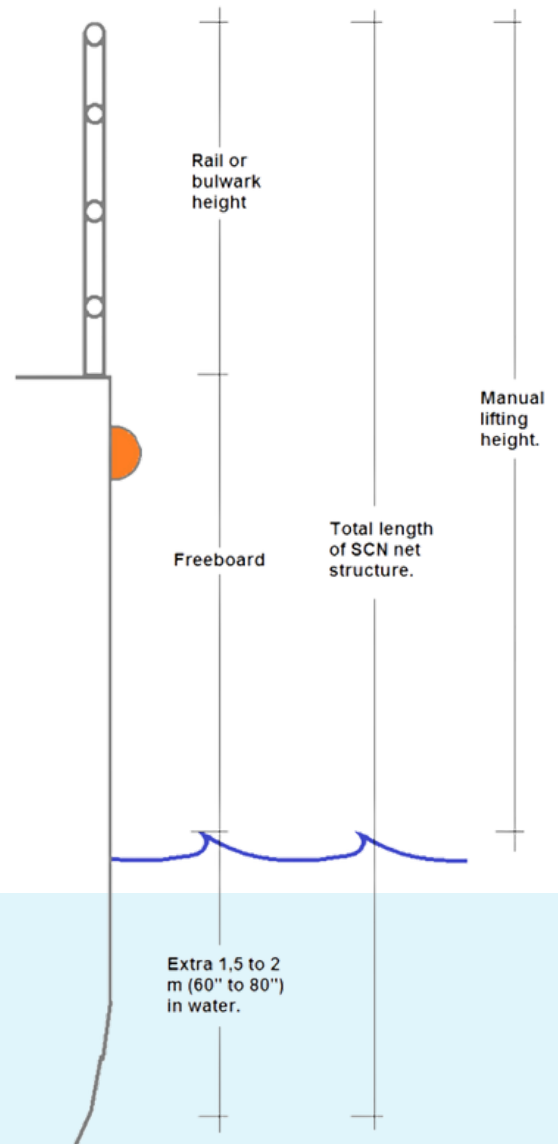


**Product no.: 7300003**

### Properly Sizing your Net

Properly sizing your rescue net is crucial for safe and effective vertical climbing and horizontal lifting during an emergency.

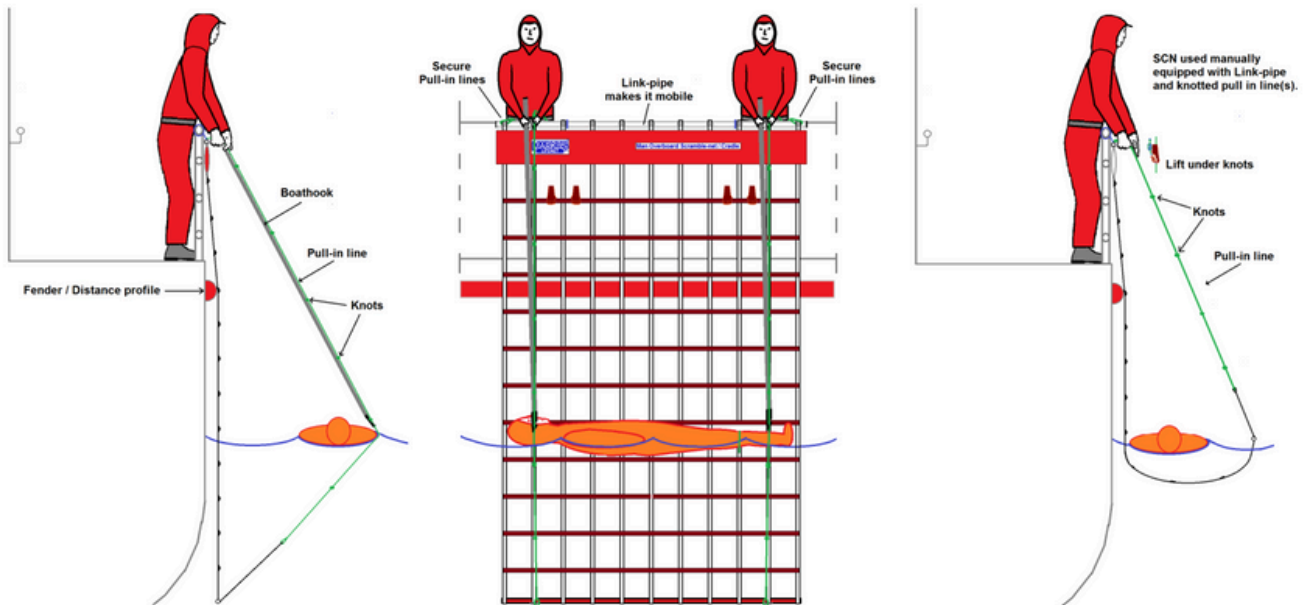
- **Vertical Length:** Measure the distance from the fastening point (e.g., deck or railing) down to the waterline, then add 1.5 to 2 meters.
  - Important: This ensures the net extends below the waterline by the recommended amount, allowing a MOB to place their foot securely on the lowest rung and climb to safety.
- **Width:** Select a minimum width of 1.2 meters (4 feet) to provide full spinal support when lifting a person horizontally.
  - Important: This width is crucial for safe and effective rescue operations.



**Click Here for Our Net Sizing  
& Model Guidance**

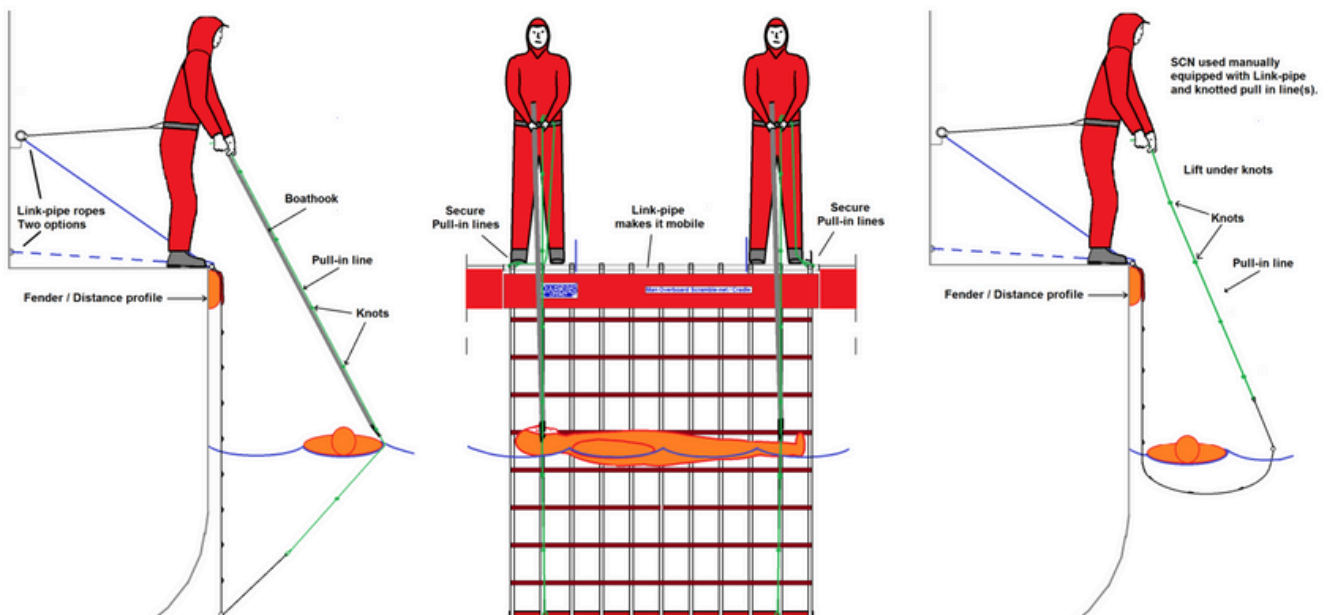
## Possibilities and variations in use:

Markus MOB Rescue Cradle types SCN12-200, 250, 300, 350 and 400



**Image Above:** Markus MOB Rescue Cradle types SCN12-250, 300, 350 and 400 **used manually at rail or bulwark.**

Applicable for: Pilot boats and FRCs with rail and minimum two deck crew.



**Image Above:** Markus MOB Rescue Cradle types SCN12-250, 300, 350 and 400 **used manually on FRCs without rail midship and minimum two deck crew.**

Applicable for: FRCs without rail and minimum two deck crew.

## Important Notes:

Distance profile is a wooden plank or plastic profile to have just below deck level to hold the net structure from the vessel side. It can be built into the SCN12 unit, made of GRP material.

It is recommended that the unit is stored indoors when not in use and brought by two deck crew out and clipped onto a rail just before use on either side of the vessel at a preselected location. To make the maximum use of it the vertical length, add 2 meters (6.56') to the the freeboard height + any rail or bulwark height.

## USE

- **Preparation:** Bring unit and boat hooks out and clip link pipe onto rail and preselected location. Open velcro and lower net over the side ready for climbing from water.

Basic use when person in water (PIW) is unable to help:

- **Approach:** Once in position, the net structure is lowered into the water. The vessel can then apply either side force or forward motion to guide the net beneath the PIW. Once the individual is secure within the net, crew members should pull both pull-in lines simultaneously to gently lift the PIW up to the deck, rail, or gunwale, ensuring a controlled and safe recovery.
- **Maintenance:** Wash the unit after use with fresh water, and allow to dry. Prior to repacking, ensure to inspect the net for any damage.