

## Markus Man Overboard Scramble-net/Cradle SCN12-250 to 400R FRC version Info sheet 1 - Technical details (TD)

Designed for fast rescue craft (FRCs), with lifting height from 1 m (20") to 2,5 m (40"), with suitable rescue zone midship (see data table on info sheet 2). Also suitable for Charter boats, Tourist boats, Workboats and Patrol boats.

**Width:** 240 cm (96") **Vertical length:** Variable, see data table – **Weight:** Variable see data table .

**Lifting height:** Variable, see data table on info sheet 2.

**Note:** Allow 150 to 200 cm (60" to 80") below waterline to enable MOB's first step.

### Methods of use:

- 1) Climbing,
- 2) Horizontal (parbuckle) lifting manually by two deck crew,

### Other Specifications:

- Fastening to boat with 13 buckle loops.
- Mobile snapped onto rail or fastening eyes with 6 fixed extension ropes or with 4 ropes on an extra SCN12 link pipe. Also with a SCN12 link-pipe and SS hooks.
- Stowage diameter: 245 x 25 x 5 cm (98 x 10 x 4 Inches) 0,031 cubic metre.
- Packing: PVC / Polyester fabric bag, colour Orange red. White, gray and black available as special order. Available without cover bag, when ordered with Upper end aluminum bar and GRP outdoor storage container.
- Made of Polyester webbing, and marine grade rigid plastic and metal parts.
- Each vertical webbing tensile tested in excess of 1000 kg. (2204 lbs).
- Each mesh tensile tested in excess of 500 kg: (1102 lbs).
- Tensile tested in excess of 6 metric tonne (13227 lbs) with equal load on each vertical fastening webbing loop on the upper end.
- Made to the SOLAS/LSA Code as applicable.
- Subject for SOLAS/LSA Code type approval.
- Supplied with Certificate of confirmity.

### Storage and fastening options:

1. Mobile: When fitted with fixed or adjustable extension ropes with snap hooks or SCN12 link-pipe and SS hooks.

### Available SCN12 extra design and accessories:

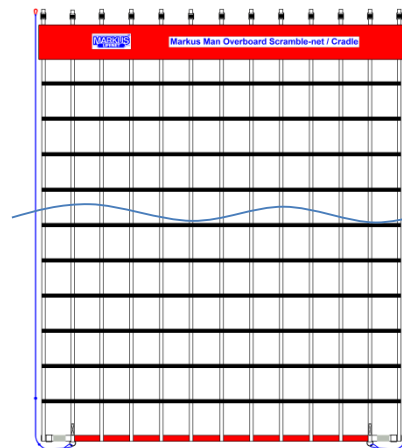
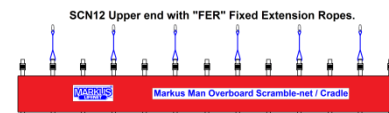
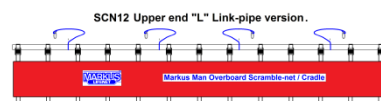
#### ML Part no. – Product name

7380002 - SCN12 Link pipe with 4 extension ropes, each with snap hook.

7380011 – SCN12 cm fixed length of extension rope (FER) with snap hook. 6 pc

7380012 – SCN 100 to 200 cm (40"to 80") adjustable extension rope (AER) 6 pc

7380021 – SCN12 GRP distance profile.



SS rectangular link



120 mm diam. patch

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



ML product no.: 7300003



SS Hook 30  
7300004

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## Markus Man Overboard Scramble-net /Cradle SCN12-250 to 400R Info sheet 2 – Data table / Selection sheet

**Size:** Width 240 cm (96") x vertical length required \_\_\_\_\_.

**Note:** Count in the freeboard, plus rail or bulwark height if it is to be used at railing as recommended.

Allow 150 to 200 cm (60" to 80") below waterline to enable MOB's first step.

**Underline color selection of cover bag:** *Orange Red, White, Gray, Black*. If nothing is underlined we assume the Orange Red is your choice.

**The data table here below shows the vertical length of the SCN12 units, the lifting height it is designed for and weight without accessories. Please select and mark the accessories you choose to have with it.**

Vertical length in cm (inc)	Lifting height* height max cm (inc)	Approxim. Weight kg (lbs)	Length of extension rope in cm	GRP Distance* Profile	With upper-bar* only			With hoisting strap at lower end
250 (100)	100 (40)	15,5 (34,2)		Not applicable				
300 (120)	150 (80)	16,0 (35,3)						
350 (140)	200 (80)	17,5 (38,6)						
400 (160)	250 (200)	18,0 (29,7)						

### NOTES:

\***Lifting height** is the freeboard height of rescue platform above water plus rail or bulwark height when it has to be counted in.

\***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 should be the freeboard height + rail or bulwark + 2 metre.**

### STORAGE AND FASTENING:

- Indoor storage on a shelf or with an extra Link-Pipe, fastened with 4 SS clips and 2 screws.

### USE

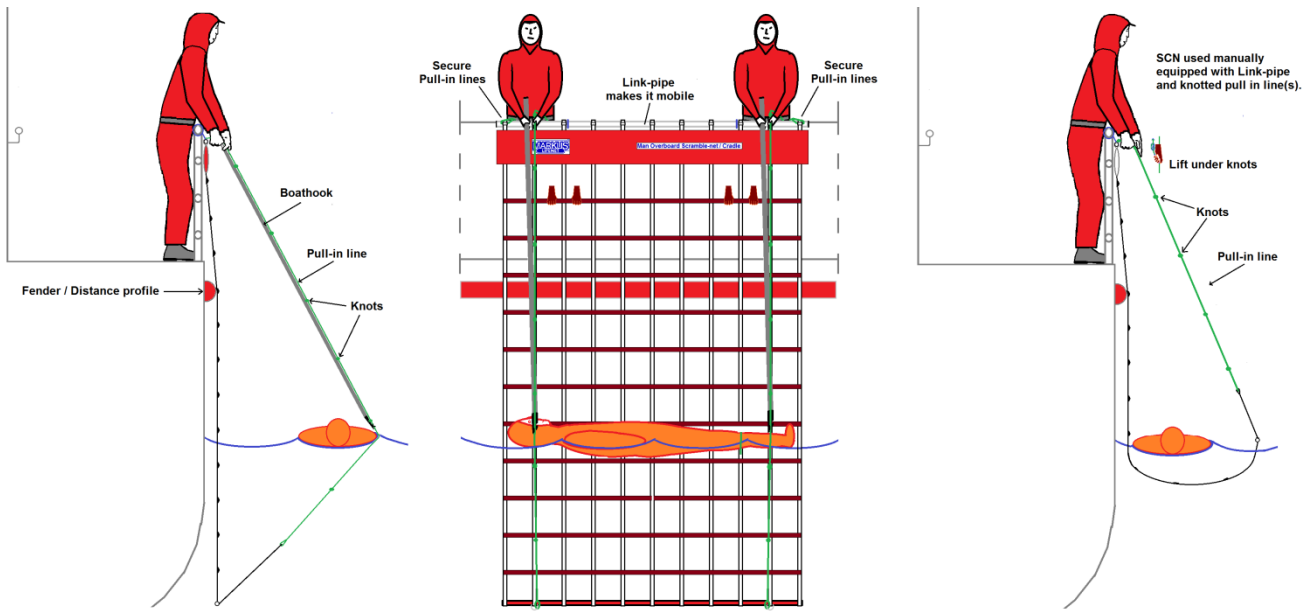
- Preparation:** Bring unit and boat hooks out and clip link pipe onto rail and preselected location. Open velcro and lower net over the side ready for climbing from water.
- Basic use when person in water (PIW) is unable to help:** The Markus MOB Rescue Scoop SCN *12-250 to 400R* is manually operated recovery system for recovery of persons, made of net, with inner end fastened to the vessel side and outer end hanging from pull-in rope(s) and held 1 m from the side with two double direction boat hooks.
- Approach:** Pull in the pull-in rope ready to be used to control the unit at the side while the vessel is manoeuvred to approach the PIW within the rescue reach of the Scoop. On final approach, the net structure is lowered into the water and either driven under the PIW by side force or forward force of the vessel. When the PIW is secure in the net he/she is gently brought up to the deck, rail or gunwale by pulling in both pull-in lines at the same time.
- MAINTENANCE:** Wash the unit after use with fresh water, allow to dry and inspect and have repaired possible damage before repacking.

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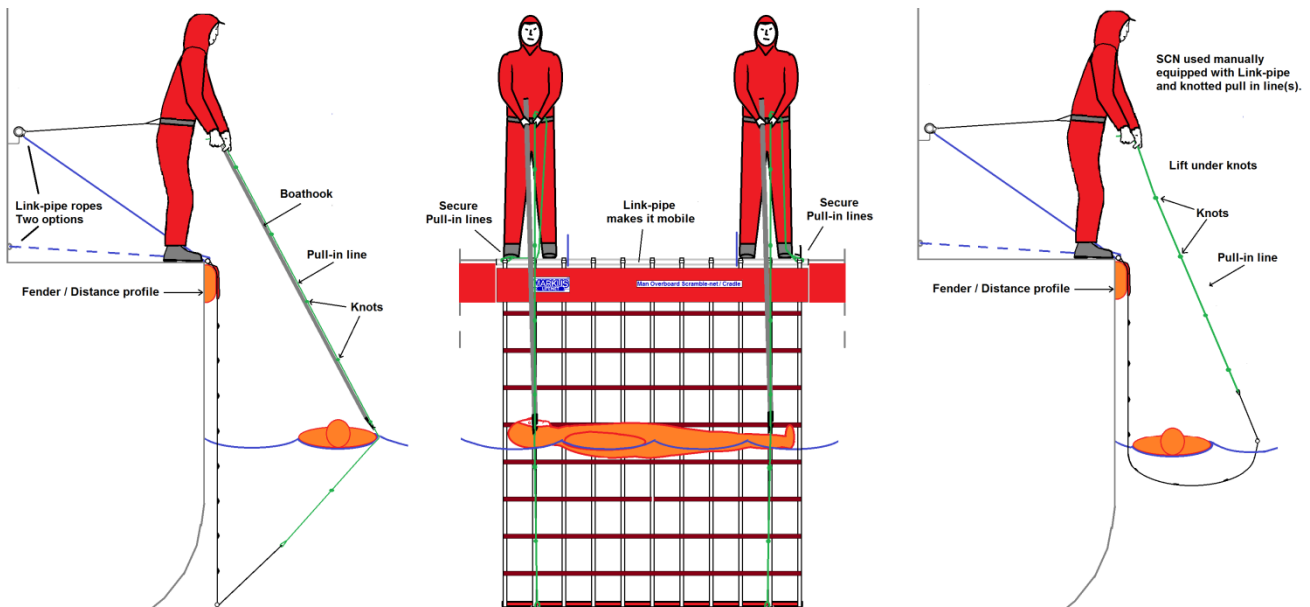


## Markus Man Overboard Scramble-net / Cradle Type SCN12-250 to 400 Info sheet 3 – Possibilities

This sheet applies to Markus MOB Scramble-net / Cradles types SCN12-250, 300, 350 and 400. It shows the possibilities and variations in use.



Markus MOB Scramble-net / Cradles types SCN12-250, 300, 350 and 400 used manually at rail or bulwark. Applicable for Pilot boats and FRCs (Fast Rescue Crafts) with rail and minimum two deck crew.



Markus MOB Scramble-net / Cradles types SCN12-250, 300, 350 and 400 used manually on FRCs (Fast Rescue Crafts) without rail midship and minimum two deck crew.

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