

The Markus Rescue Scramble Net is designed for vessels with lifting heights ranging from 2.5 m (8.2') to 10 m (32.8'), and requires a suitable midship rescue zone. A light crane system with 2 m boom at the rescue zone can be beneficial, providing additional support for rescue swimmer operations and ensuring a secure and effective recovery of an unconscious person.

Width: 2 m (6.56')

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, by max 9 persons at a time equally spread over the width of net.
2. Manual horizontal (parbuckle) lifting by 4 deck crew,
3. Useable with suitable mechanical hoisting system and short boom.

### Other Specifications:

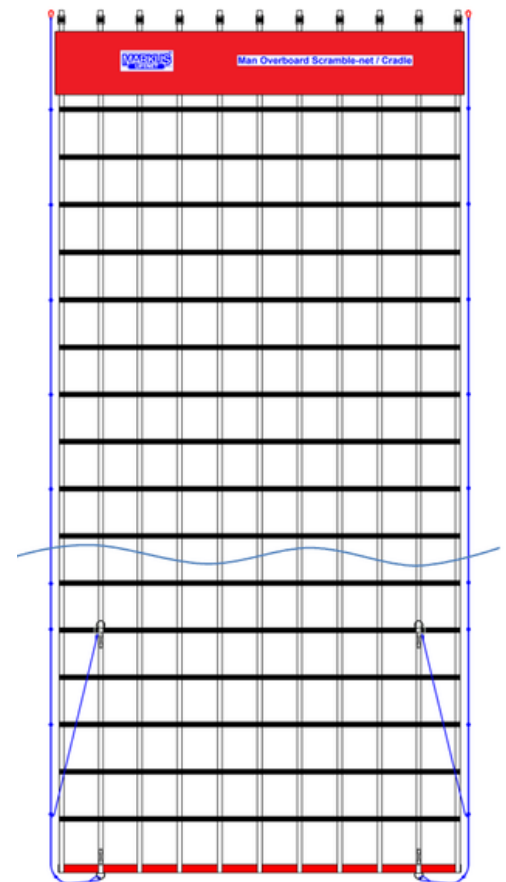
- Stowage diameter: 210 x 45 x 10 cm (84 x 18 x 4 Inches) 0.0945 cubic meter
- Weights from 15 kg to 23.6 kg (33 lbs to 52 lbs)
- Packing: PVC / Polyester fabric bag. Color: Orange Red. White, gray and black available as special order.
- Made of Polyester webbing, and marine grade rigid plastic and metal parts.
- Comes standard with two pull-in ropes: PP 10 mm dia. with knots at 50 cm intervals.

### Strength:

- Tensile strength
  - Each mesh tested in excess of **600 kg**
  - Each vertical webbing tested in excess of **1070 kg**
  - Total tensile strength of SCN10 tested in excess of **11700 kg** with equal load on each vertical fastening webbing loop on the upper end.
  - Each lifting line knotted in excess of **770 kg**
- SWL
  - Each mesh is **113 kg**
  - Total SWL of SCN10 is **1950 kg** with equal load on each vertical fastening webbing loop on the upper end.
  - Each lifting line knotted in excess of **129 kg**

### Documentation:

- Made to LSA / SOLAS standard as applicable. Subject to SOLAS-type approval.
- Supplied with Certificate of conformity.



SCN10 Upper end "A" Aluminium Bar version.



SCN10 Upper end "L" Link-pipe version.



### Storage and fastening options:

- All nets include 11 fastening buckle loops for storage on the boat's rescue platform.
- Mobile Option One (Default): Fixed on an extra link pipe with four extension ropes and snap hooks.
- Mobile Option Two: Fixed onto rail or fastening eyes with four fixed extensions 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 SCN10 extra design and extra parts:

Product no. 7370002 - SCN10 Link pipe with 4 extension ropes, each with snap hook.

Product no. 7360035 - SCN10 with aluminum upper bar (does not include buckle loops and PVC cover bag.)

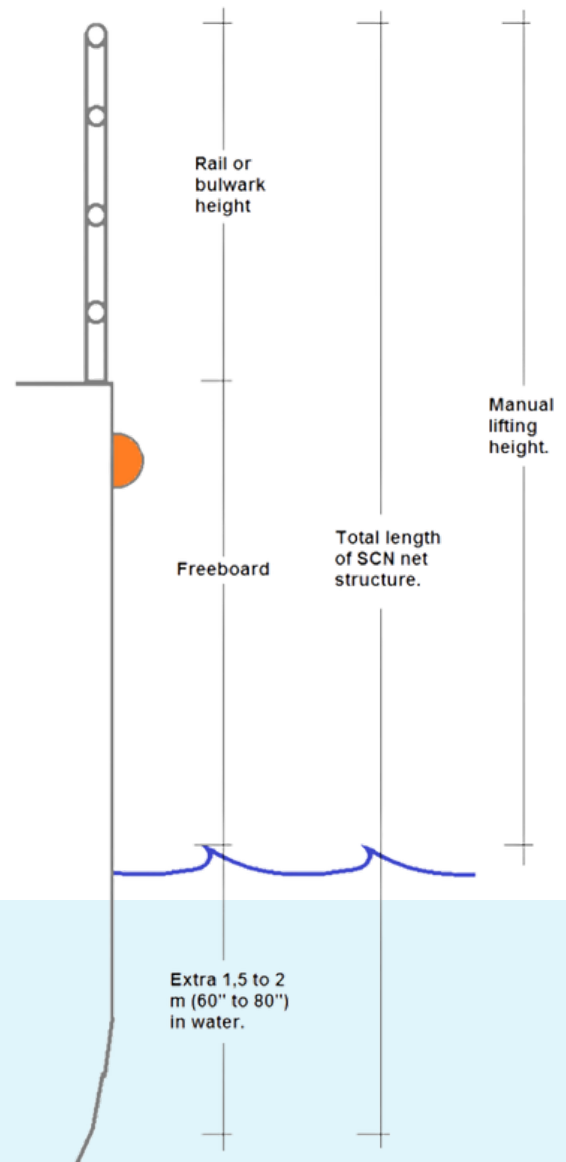
Model Name	Vertical Length in cm (ft)	Suitable for Fixing Length Below	Approximate Weight in kg (lbs)	Number of persons fit for climbing
SCN10-450	450 (14.7)	2.5 m – 3 m	15 (33)	8
SCN10-500	500 (16.4)	3 m – 3.5 m	15.8 (34.8)	8
SCN10-550	550 (18)	3.5 m – 4 m	16.6 (36.5)	8
SCN10-600	600 (19.6)	4 m – 4.5 m	17.4 (38.2)	12
SCN10-650	650 (21.3)	4.5 m – 5 m	18.1 (39.9)	12
SCN10-700	700 (22.9)	5 m – 5.5 m	18.9 (41.7)	12
SCN10-750	750 (24.6)	5.5 m – 6 m	19.7 (43.4)	12
SCN10-800	800 (26.2)	6 m – 6.5 m	20.5 (45.1)	16
SCN10-850	850 (27.8)	6.5 m – 7 m	21.3 (46.9)	16
SCN10-900	900 (29.5)	7 m – 7.5 m	22 (48.6)	16
SCN10-950	950 (31.2)	7.5 m – 8 m	22.8 (50.3)	16

Model Name	Vertical Length in cm (ft)	Suitable for Fixing Length Below	Approximate Weight in kg (lbs)	Number of persons fit for climbing
SCN10-1000	1000 (32.8)	8 m – 8.5 m	23.6 (52)	16
SCN10-1050	1050 (34.4)	8.5 m – 9 m	24.4 (53.8)	16
SCN10-1100	1100 (36)	9 m – 9.5 m	25.2 (55.5)	16
SCN10-1150	1150 (37.8)	9.5 m – 10 m	26 (57.2)	16
SCN10-1200	1200 (39.4)	10 m – 10.5 m	26.8 (59)	16

### Properly Sizing your Net:

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

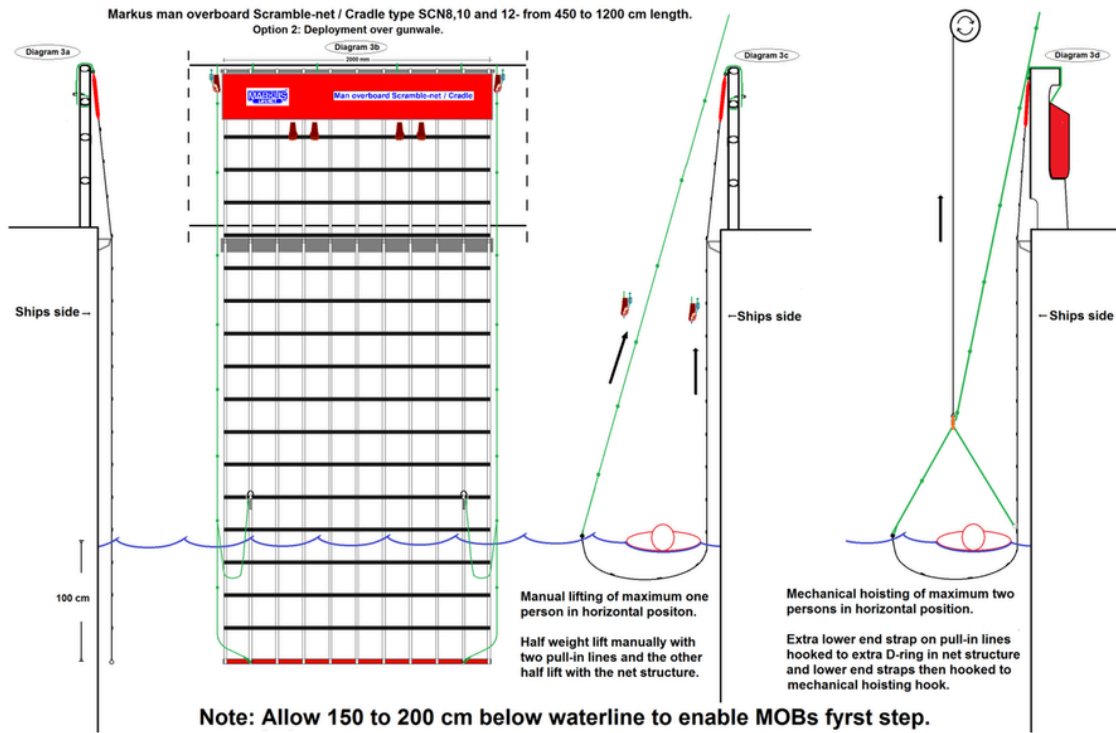
- **Vertical Length:** Measure the distance from the fastening point (e.g., deck or railing) down to the waterline, then add 1.5 to 2 meters.
  - Important: This ensures the net extends below the waterline by the recommended amount, allowing an MOB to place their foot securely on the lowest rung and 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 Rescue Scramble Net SCN10 with vertical length over 4 m (13')**



**Use manually to recover an conscious and active MOB**

Throw or shoot out line to MOB. Other crew members bring a mobile unit to the rescue platform and fasten to fastening eyes inside bulwark or to a rail. Release unit over the side. Pull the MOB to the unit and as the MOB has managed to step onto the net structure and secure his hands to it, lift him simultaneously on board.

**SCN10 with Two Knot Lines - Manual & Crane - Assisted MOB Recovery**

*The SCN10 is equipped with two knot lines at the sides, an extra lower-end rope, and snap hook for manual use or crane assisted recovery.*

1. Attach the extra rope at the lower end of the pull-in lines to the D-rings on the 5th horizontal web.
2. Lower the unit using the pull-in lines or secure the straps to a crane hook.
3. For freeboard heights over 3m (12'), the rescue swimmer should be lowered in the cradle wearing a drysuit, suitable lifejacket with a rescue harness, and secured to a lifeline, monitored by deck crew.
4. Once the rescue swimmer secures the MOB, they are both pulled to the cradle.
5. Recovery is performed manually (one at a time) or by crane (both together).

