Markus Rescue Cradle SCN8-200 to 400

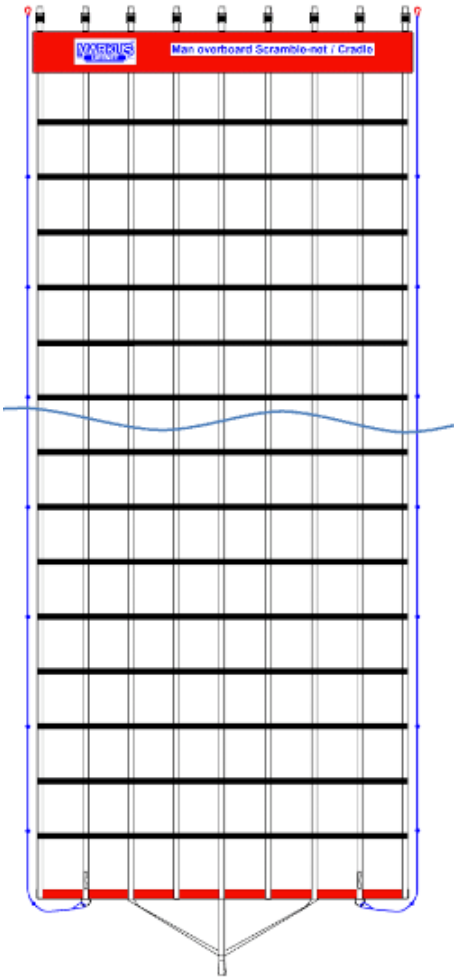
Info Sheet - Technical Details

Document No: SCN8-200-400-TS
Revision: 2026.1

The Markus Rescue Cradle is designed for workboats 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: 1.6 m (5.25')
Vertical length: Variable.
Weight: Variable.
Lifting height: Variable.

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



Methods of use:

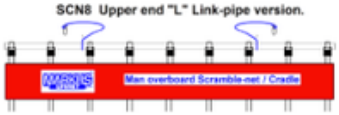
1. Climbing,
2. Manual horizontal (parbuckle) lifting by one or two deck crew,
3. Usable with mechanical hoisting systems and short boom.

Other Specifications:

- Stowage diameter: 165 x 25 x 5 cm (50 x 10 x 4 Inches) 0.021 cubic meters.
- Weight from 7.2 kg to 9.4 kg (15.8 lbs to 10.6 lbs)
- Packing: PVC / Polyester fabric bag. Color: Orange Red. White, gray, and black are available as special orders.
- Made of Polyester webbing and marine grade rigid plastic and metal parts.
- Comes standard with two knotted pull-in lines attached to lower end pipe.

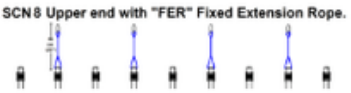
Strength:

- Tensile strength
  - Each mesh tested in excess of **600 kg**
  - Each vertical webbing tested in excess of **1070 kg**
  - Total tensile strength of SCN8 tested in excess of **9600 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 SCN8 is **1602 kg** with equal load on each vertical fastening webbing loop on the upper end
  - 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.



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Storage and fastening options:

- All nets include 4 to 9 fastening buckle loops for storage on the boat at the rescue platform.
- Mobile Option One: Fixed on an extra link pipe with two extension ropes and snap hooks.
- Mobile Option Two: Fixed onto rail or fastening eyes with four 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 SCN8 accessories and design components:

Product no. 7360002 – SCN8 Link pipe with 2 extension ropes, each with a snap hook.
Product no. 7360011 – SCN8 fixed length of extension rope (FER) with snap hook. (4 pcs)
Product no. 7360012 – SCN8 100 to 200 cm (40" to 80") adjustable extension rope (AER) (4 pcs)

Hypalon patch with rectangular SS link for 25 mm 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

The data table below shows the vertical length of the SCN8 units, the minimum freeboard it is designed for and weight of standard version.

Model Name	Vertical Length in cm (ft)	Suitable for Fixing Length Below	Approximate Weight in kg (lbs)	Number of persons fit for climbing
SCN8-200	200 (6.56)	0.5 m	7.2 (15.8)	3
SCN8-250	250 (8.2)	0.5 m –1 m	7.8 (17)	3
SCN8-300	300 (9.84)	1 m –1.5 m	8.3 (18.2)	3
SCN8-350	350 (11.48)	1.5 m – 2 m	8.8 (19.4)	3
SCN8-400	400 (13)	2 m – 2.5 m	9.4 (20.6)	6

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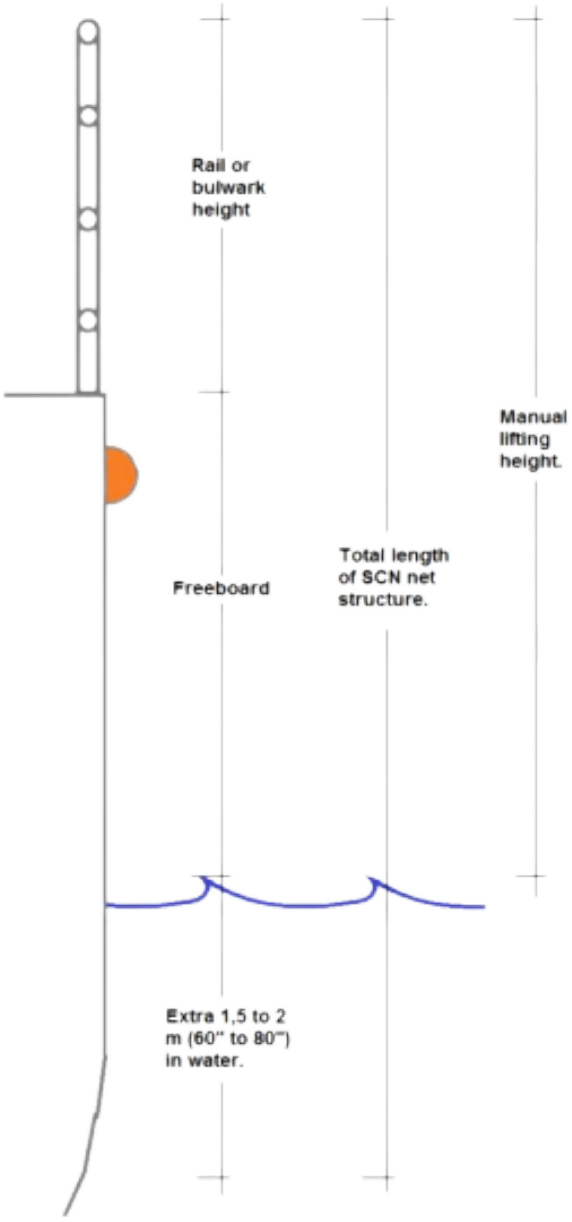
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Properly Sizing your Net

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

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Possibilities and variations in use:

Markus MOB Rescue Cradle types SCN8-200, 250, 300, 350 and 400

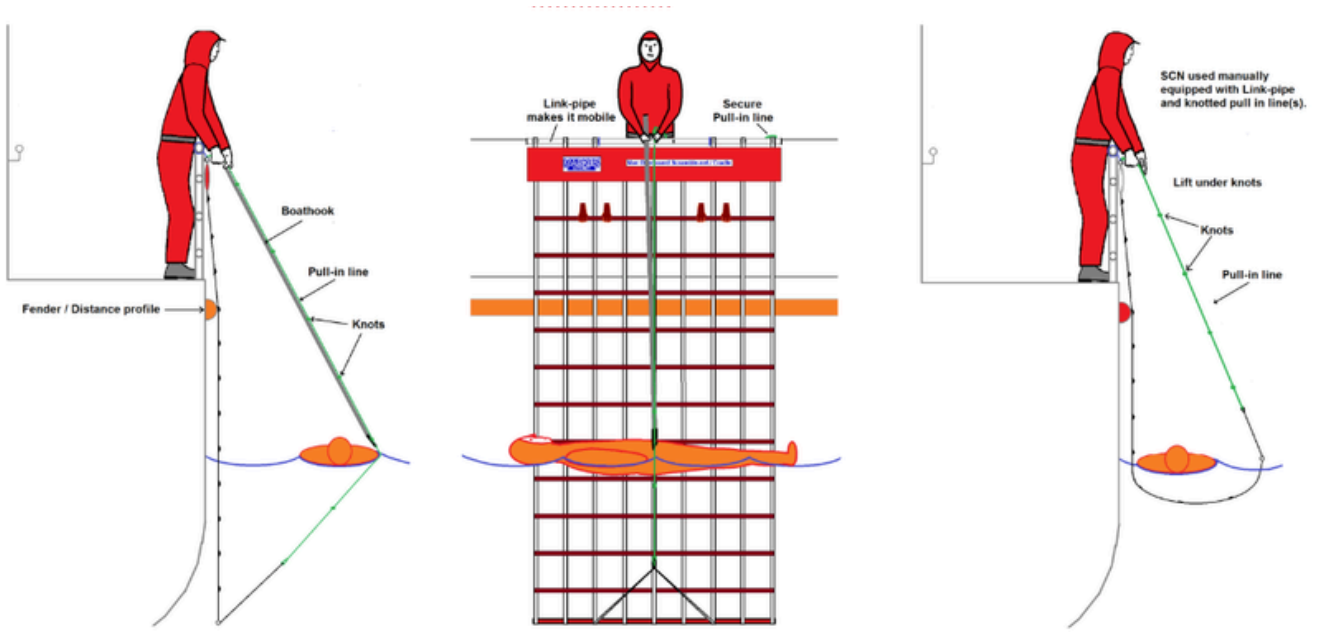


Image Above: Markus MOB Rescue Cradle types SCN8-200, 250, 300, 350, and 400 **used manually at rail or bulwark.**

Applicable for: workboats with rail and one deck crew.

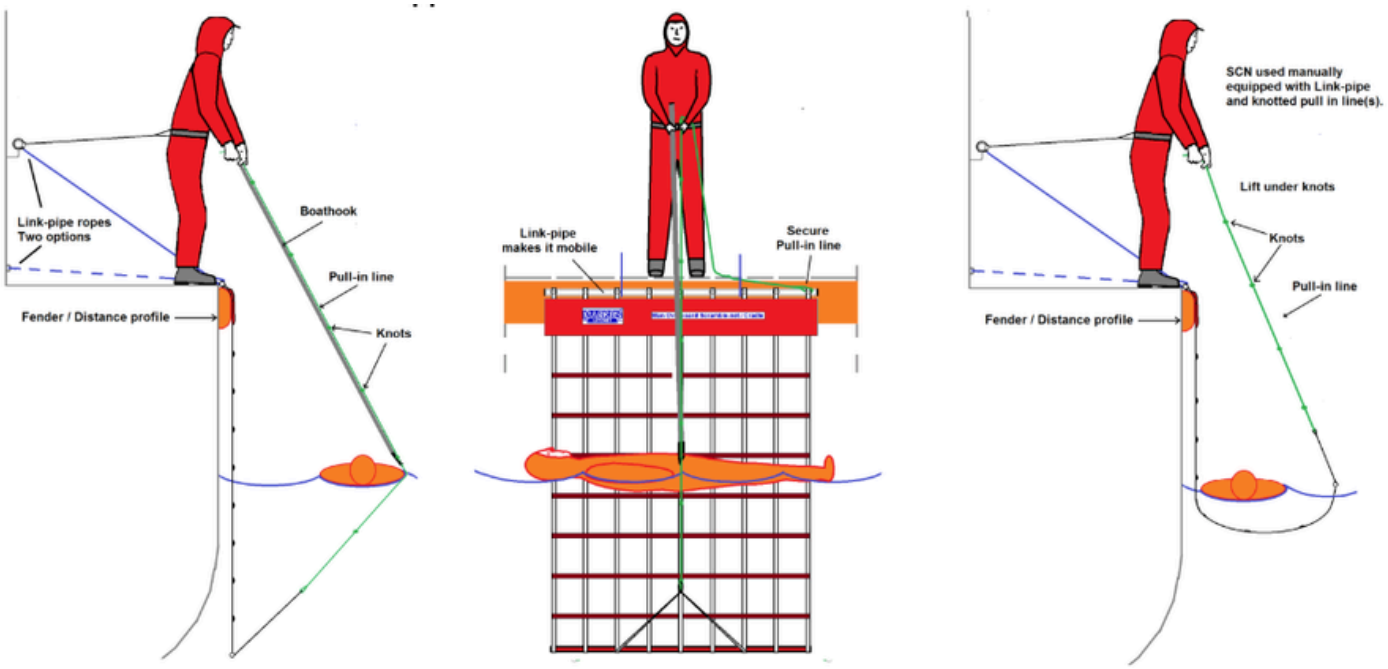


Image Above: Markus MOB Rescue Cradle types SCN8-200, 250, 300, 350 and 400 **used manually on FRC boat without rail midship and one deck crew.**

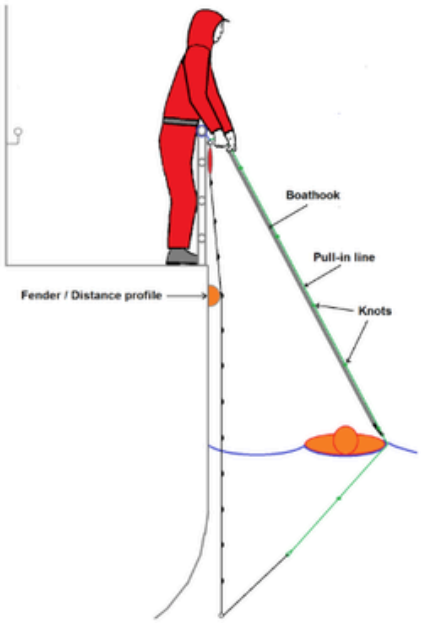
Applicable for: workboats without rail and one deck crew

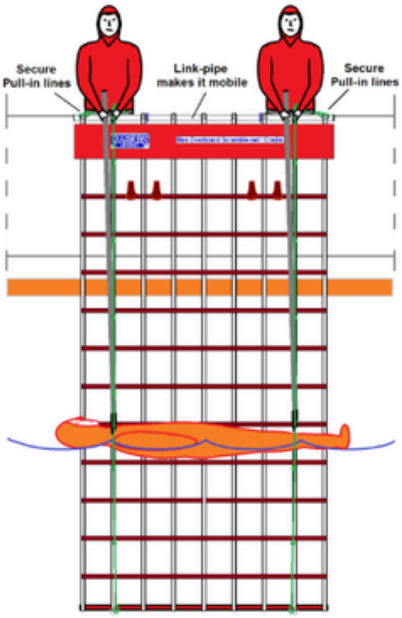
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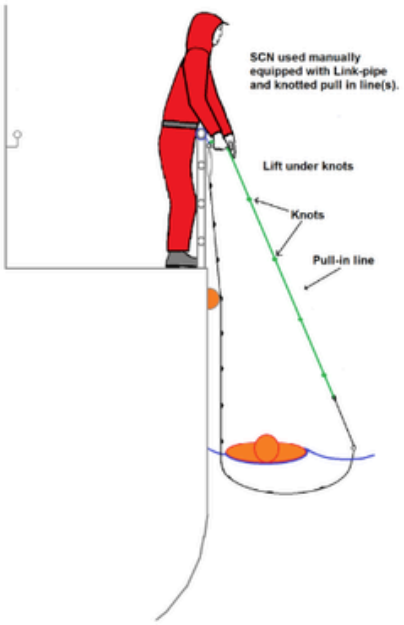
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Images Below: Markus MOB Rescue Cradle types SCN8-200, 250, 300, 350, and 400 **used manually at rail of bulwark.**

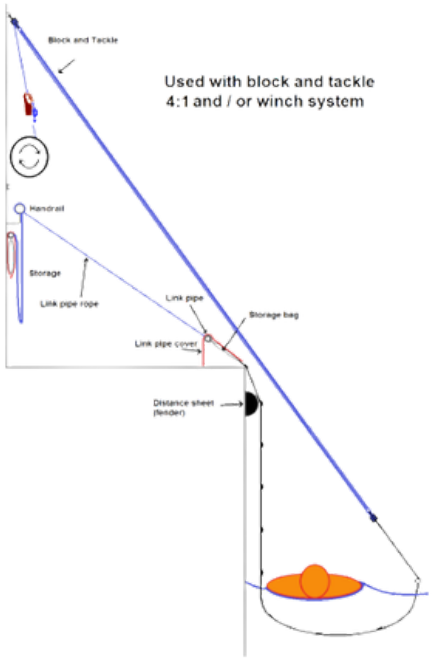
Applicable for: workboats with rail and two deck crew

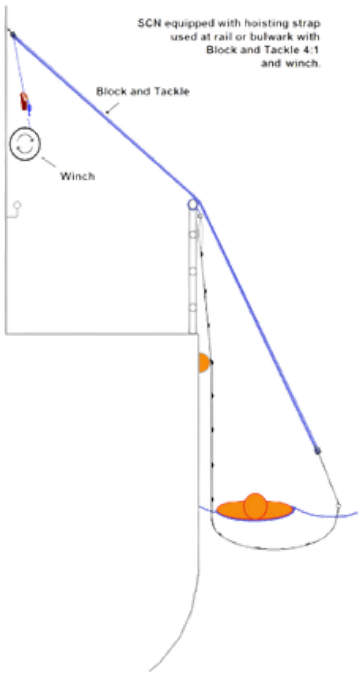


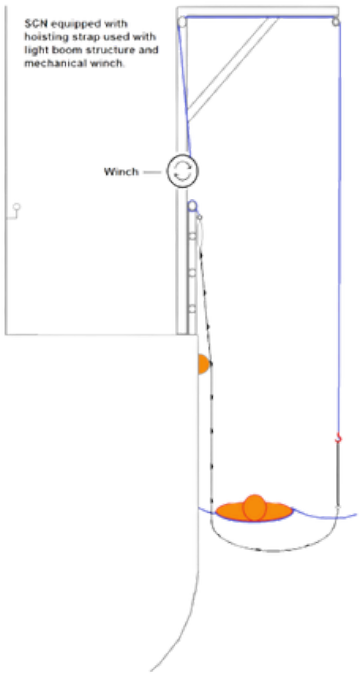




Images Below: Markus MOB Rescue Cradle types SCN8-200, 250, 300, 350 and 400 **used with mechanical hoisting systems on FRC boat.**







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