Markus Emergency Ladder SCN2-150 to 1200

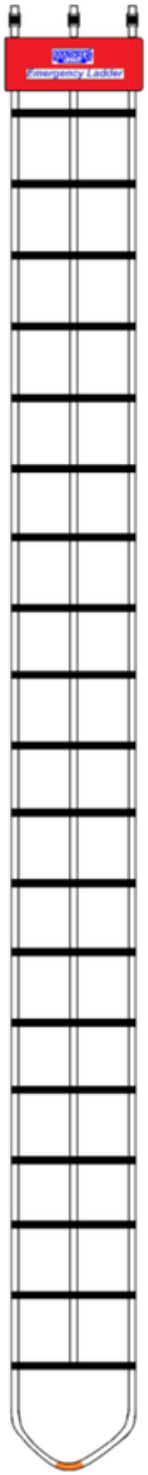
Info Sheet - Technical Details

Document No: SCN2-150-1200-TS
Revision: 2026.1

The **Markus Emergency ladder Type SCN2** is a compact two-mesh wide scramble ladder designed for vessels of all types as an additional man-overboard recovery aid.

It enables a person in the water, or a rescue swimmer entering the water, to climb safely back onboard.

This ladder is designed in accordance with the proposed ISO standard for devices for recovery of persons from the water, but as it is not for horizontal lifting of person, it does not meet the requirements of SOLAS reg. III/17-1. The SCN2 can therefore only be accepted as an additional device to secure climbing possibility from the water.



Width: 40cm
Vertical length: Variable.
Weight: Variable.

Important: The total length should be the distance from the fastening point to the water level plus 1 m (3 ft) below the waterline to enable MOBs' first step.

Recommended Location: Install midship, positioned clear of the propeller when deployed.

Other Specifications:

- Storage cover standard Color: Orange Red PVC/Polyester fabric. White, gray, and black are available as special orders.
- Made of Polyester webbing with internal lead handle and plastic rods in each step
- Aluminum bar distribute the load on the fastening buckles.
- Fastenings: 3 buckle loops with SS buckles

Strength:

- Tensile strength
  - Total with each buckle loop taking equal load **> 3200 kg**
  - Of each mesh is **> 600 kg**
- SWL
  - Total with each buckle loop taking on equal load is **> 534 kg**
  - Of each mesh is **113 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:

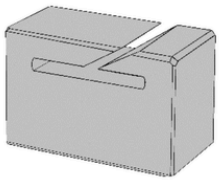
- The SCN2 ladder takes little space and can be fastened to a rail or stanchion wire or to special rectangular fastening which can be screwed to a deck or wall, such as GRP or aluminum.
- All SCN2 ladders include 3 buckle loops with SS buckles
- Distance cleat can be clipped onto the vertical legs in advance where need to get grip on the horizontal structure.
- The ladder can be packed with the release handle positioned at the recommended height above the water for easy deployment by a person in the water.

Available SCN6 accessories and design components:

Product no. 7 300 003 - SS rectangular link, fastening cleat and two screws to fasten to boats of rigid construction.
Product no. 7 300 005 - Distance Cleat

Accessory Part no. 7300003

Design rights: Pétur Th. Pétursson



Accessory Part no. 7300005

Model Name	Vertical Length in cm (ft)	Suitable for Fixing Length Below	Approximate Weight in kg (lbs)	Number of persons fit for climbing
SCN2-150	150 (4.92)	0.5 m	0.8 (1.76)	1
SCN2-200	200 (6.56)	1 m	0.9 (2.09)	1
SCN2-250	250 (8.2)	1.5 m	1.1 (2.42)	1
SCN2-300	300 (9.84)	2 m	1.25 (2.75)	1
SCN2-350	350 (11.48)	2.5 m	1.4 (3.08)	1
SCN2-400	400 (13)	3 m	1.55 (3.42)	1
SCN2-450	450 (14.7)	3.5 m	1.85 (4.07)	2

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SCN2-500	500 (16.4)	4 m	2 (4.4)	2
SCN2-550	550 (18)	4.5 m	2.15 (4.74)	2
SCN2-600	600 (19.6)	5 m	2.3 (5.07)	2
SCN2-650	650 (21.3)	5.5 m	2.45 (5.4)	3
SCN2-700	700 (22.9)	6 m	2.6 (5.73)	3
SCN2-750	750 (24.6)	6.5 m	2.75 (6.06)	3
SCN2-800	800 (26.2)	7 m	2.9 (6.39)	3
SCN2-850	850 (27.8)	7.5 m	3.05 (6.72)	4
SCN2-900	900 (29.5)	8 m	3.2 (7.05)	4
SCN2-950	950 (31.2)	8.5 m	3.35 (7.39)	4
SCN2-1000	1000 (32.8)	9 m	3.5 (7.72)	4
SCN2-1050	1050 (34.4)	9.5 m	3.7 (8.15)	4
SCN2-1100	1100 (36)	10 m	3.9 (8.60)	4
SCN2-1150	1150 (37.8)	10.5 m	4.1 (9)	4
SCN2-1200	1200 (39.4)	11 m	4.3 (9.5)	4

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Contact Us