



SURF RESCUE TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

Purpose-built for IRB racing, tube pickups, and jet-ski drills, the Ruth Lee Surf Rescue Manikin lets lifesaving crews train year-round—no volunteers, no bruised wrists, no cold-water fatigue.

Its 1.5 m frame and 20 kg dry weight swell to 40 kg when flooded, while hip-mounted ballast and PVC leg sleeves keep the body stable yet low-drag for lightning-fast extractions in pounding surf.

Arms locked aloft simulate a conscious swimmer, bright orange overalls and SOLAS tape cut through foam and spray, and polyethylene spine strips flex naturally to assist handling.

Built to take repeated reef launches, IRB gunwale slams, and winter swells—with replaceable coveralls and a rear web loop for easy hoist and dry—the Surf Rescue Manikin readies your team for real waves, any weather.

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SURF RESCUE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

This manikin was designed in consultation with Surf Life Saving Australia as a water rescue dummy for IRB Racing, IRB driver training and tube rescue practice. It is also suitable for jet ski rescue training and other general water rescue scenarios.

SPECIAL MATERIALS:

Carcass constructed from nylon mesh. High density webbing (25mm rated to 200 Kg, 50mm rated to 435Kg with a +/-5% range). SOLAS reflective tape compliant with US Department of Transportation specification USCG 46 CFR, section 164.018, and International Maritime Organisation (IMO) resolution A.658(16). Non-absorbent closed cell foam – water absorption: 1 Day <0.1 (DIN 53428 1986) 28 Days < 0.5% VOL. Overall constructed from the same material used in Police ballistic/stab vests (conforms to OEKO-TEX® Standard 100, BS EN ISO 12947-2 & 14116: 2008).

FEATURES & BENEFITS:

- Shorter height of 1.5m makes this manikin more manageable for a range of rescuers.
- The dry weight is reduced to 20kg which increases to 40kg+ when pulled from the water.
- Weighting lowered from the torso to the hips to improve stability in a moving/rolling ocean.
- Durable PVC sleeves placed on the lower leg to reduce drag during extraction.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult	RLNCC	1.5	20	N/A

- Polypropylene strips running from the shoulders to the knees allow flexibility in and out of water but prevent the manikin from being too 'floppy'.
- A polypropylene loop to the back allows the manikin to be lowered into position or hung up to dry.
- Arms are built aloft to simulate a live volunteer but no risk of dislocated shoulders or wrists!
- Bright orange overalls and SOLAS reflective tape on the head make this manikin very conspicuous in open water.
- Protective overalls are user replaceable and greatly extend the life of the manikin.

NOT SUITED FOR:

- Use in temperatures above 100°C or flashover scenarios – See our Fire House manikin.

OPTIONAL EXTRAS:

- Replacement overalls can be bought separately as required.

EXTENSIVELY USED BY:

- Surf Life Saving Australia and IRM Racing Teams.
- Equivalent organisations across North & South America, Europe, Australia and Asia.