



DROP TEST MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

Designed for high-angle rescues and fall arrest system testing, the Ruth Lee Drop Test Manikin delivers exceptional realism and resilience. With a reinforced foam core that maintains body posture when suspended, it enables confident, accurate evaluation of harnesses and rescue protocols. Weighing 100 kg with anatomically correct weight distribution, it replicates the handling challenges of an unconscious casualty. Built to endure drops from height and harsh training environments, this soft-jointed manikin protects trainees while standing up to repeated use. When lives depend on your gear, train with a manikin tough enough to trust.

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DROP TEST MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

As the name suggests, this manikin is the perfect choice for testing fall arrest equipment and harnesses. It is has a more rigid trunk to reduce slumping when suspended in harness and will allow you to properly assess the safety of your fall arrest equipment.

SPECIAL MATERIALS:

Constructed from the same flame retardant material used in Police ballistic/stab vests, offering 4x the strength and abrasion resistance of 16oz canvas or P.V.C. (Conforms to OEKO-TEX® Standard 100, BS EN ISO 12947-2 & 14116: 2008). High density webbing (25mm rated to 200 Kg, 50mm rated to 435Kg with a +/-5% range).

FEATURES & BENEFITS:

- Similar in construction to the Duty Range manikins but utilises closed cell foam to the trunk to provide greater rigidity and reduce 'slumping' when using a rescue harness.
- Anatomically correct weight distribution gives the 'feel' of an unconscious person - perfect for pole top or tower rescues.
- Realistic sizes and weight - will demonstrate the difficulties of dealing with an adult unconscious casualty

- Strong Polypropylene webbing loop to the back allows the manikin to be easily hauled into position prior to training.
- Strong enough to be dropped from 2 or 3 storeys with no damage - these manikins are tough!
- The Polyester is waterproof, making it suitable for training in wet or dry conditions as it can be easily cleaned and dried.
- Soft body joints eliminate the risk of pinch welts and bruising, a common injury when using plastic bodied manikins.
- Protective consumables including, coveralls and boots, greatly extended the life of the manikin and help save you costs.

NOT SUITED FOR:

- Use in temperatures above 100°C or flash-over scenarios – See our Fire House manikin.
- Use in water – See our Water Rescue range.

OPTIONAL EXTRAS:

- Face mask and wig for a more human-like appearance.

EXTENSIVELY USED BY:

- Manufacturers of Fall Arrest Equipment.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Drop Test Manikin	RLN100	1.8	100	N/A

*Manikins weighing over 50kg may have metal ballast as part of their construction. Please contact us for more information.