



BODY RECOVERY TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

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We employ highly skilled people and source the most durable materials to ensure our products meet the highest international standards.

Our manikins are designed to represent the correct anatomic weight distribution of a real person, and we offer a range of different models to suit every conceivable scenario. This ensures that your training is as realistic and as effective as possible; preparing you for all eventualities.

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BODY RECOVERY TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Police dive teams training to recover bodies from inland waterways and from under ice. A variant of our popular Man Overboard manikin but is designed to sink instead of float.

SPECIAL MATERIALS:

Carcass constructed from nylon mesh. High density polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg) 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:

- Anatomically correct weight distribution allows for realistic body 'bagging'.
- Tough enough to withstand a fall of 5-6 metres into water with no damage.
- Dry weight 50Kg (Adult) decreases to

approximately 10Kg under the water.

- The tough nylon mesh carcass allows the water to penetrate quickly when submerged and drain on recovery.
- Strong webbing loop at the back allows easy handling, storage and suspension for drying.
- Realistic facial features and wig enable identification by touch in poor visibility.
- Built in polyethylene strips allow flexibility in the water but prevent the manikin from bending in half when using recovery devices such as a stretcher.
- Comes complete with overalls and boots, which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- N/A

EXTENSIVELY USED BY:

- Police Forces and Fire Services across the UK.
- USA Coastguard.
- Equivalent organisations in North America, Europe, Asia and Australia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Toddler	RLNBR10	0.9	10	N/A
Youth	RLNBR30	1.3	30	N/A
Adult	RLNBR50	1.8	50	N/A



CASUALTY EVACUATION TRAINING MANIKIN

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CASUALTY EVACUATION TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

The Casualty Evacuation training manikin was specifically designed for the Fire Fighter recruitment and annual fitness test as specified by the Chief Fire Officers Association.

It would also be the ideal choice for the Drag Test element of Fire Fighter challenges and competitions, being robust and hard-wearing.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Anatomically correct weight distribution to give the 'feel' of an unconscious casualty.
- Supplied complete with leg protectors making it perfect for drag tests. Replacement leg protectors can be bought separately as required.
- Strong webbing loop at the back allows easy

handling, storage and suspension for drying.

- Tough enough to withstand being dropped from a house rooftop.
- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- Water repellent material, making it suitable for wet or foul conditions.
- Comes complete with boots which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Additional Leg Protectors can be purchased as and when required to prolong the life of your manikin.

EXTENSIVELY USED BY:

- UK Fire Service.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult	RLNCE	1.8	55	N/A



DUTY RANGE TRAINING MANIKIN

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DUTY RANGE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Confined space, Urban Search & Rescue (USAR), Road Traffic Collision (RTC), CBRN & general handling exercises. Our best selling manikin; commonly known as the 'Drill Dummy'!

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Anatomically correct weight distribution to give the 'feel' of an unconscious casualty.
- Strong webbing loop at the back allows easy handling, hauling aloft, storage and suspension for drying.
- Tough enough to withstand being buried under concrete or steel lintels, driven over by a 4x4 vehicle, or dropped from a 2nd floor window without damage.
- Water repellent material, making it suitable for wet or foul scenarios such as HAZMAT/CBRN.
- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Baby	RLN5	0.7	5	4240-99-8581987
Toddler	RLN10	0.9	10	4240-99-0218800
Youth	RLN20	1.3	20	4240-99-2130513
20 Kg Adult	RLN20A	1.8	20	N/A
30 Kg Adult	RLN30	1.8	30	4240-99-8525913
50 kg Adult	RLN50	1.8	50	4240-99-9771707
70 Kg Adult	RLN70	1.8	70	4240-99-2416796
75 Kg Adult	RLN75	1.8	75	N/A
80 Kg Adult	RLN80	1.8	80	N/A
90 Kg Adult	RLN90	1.8	90	N/A

Note: Shorter adult versions (1.65m) also available in 30, 50 and 70 Kg weight. Contact us for details.

- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- Using shoutbox feature (optional extra) you can personalise a recorded message up to 60 seconds; eg "Help I can't feel my legs..." which can be periodically repeated.
- Comes complete with boots, which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Tough drag protectors and overalls to greatly extend the life of your manikin.
- Shoutbox and hood to give your casualty the power of speech to add extra realism.
- Face mask and wig for a more human-like appearance.

EXTENSIVELY USED BY:

- All UK Fire & Rescue Services.
- The British Ministry of Defence (MOD).
- Police, Ambulance/EMS/HART teams.
- Health & Safety experts across various industries.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

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FIRE HOUSE TRAINING MANIKIN

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FIRE HOUSE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

BA snatch rescue training in fire houses and 'hot fire cell' training. Manikins will withstand temperatures of around 160°C at floor level (400°C at the ceiling)*.

SPECIAL MATERIALS:

Carcass constructed from the same flame retardant Polyester (conforms to BS EN ISO 15025:2002) used in Police ballistic/stab vests & reinforced with 38mm Nomex webbing to avoid becoming brittle and melting. Protective overalls are non-flammable; constructed from a special Nomex blend material (conforms to EN ISO 11612), and reinforced with Nomex webbing to improve abrasion resistance. They are fitted with 20mm Kevlar ties, as standard Velcro fastenings melt at high temperature.

FEATURES & BENEFITS:

- Anatomically correct weight distribution to give the 'feel' of an unconscious casualty.
- Tough enough to withstand being buried under concrete or steel lintels.

- Soft body joints eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- Comes complete with overalls, boots and separate Nomex hood to cover the head, which are easily replaced if damaged.

NOT SUITED FOR:

- *Direct exposure to naked flames or excessive temperatures.
- Use in water – See our Water Rescue range.

EXTENSIVELY USED BY:

- All UK Fire & Rescue Services.
- Airport Fire & Rescue Services.
- The British Ministry of Defence (MOD).
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Baby	RLNFH5	0.7	5	N/A
Toddler	RLNFH10	0.9	10	N/A
Youth	RLNFH20	1.3	20	N/A
30 Kg Adult	RLNFH30	1.8	30	4240-99-5158249
50 Kg Adult	RLNFH50	1.8	50	4240-99-5550594
70 Kg Adult	RLNFH70	1.8	70	N/A



FULL BODIED AIRWAY TRAINING MANIKIN

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FULL BODIED AIRWAY TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

First responder airway management, Confined Space, Road Traffic Collision (RTC), limb entrapment under a heavy object, or indeed any scenario where airway management could be required under challenging circumstances.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg). Note material description does not apply to torso.

FEATURES & BENEFITS:

- Full bodied manikin promotes more realistic and effective training.
- The manikin accommodates the Simulaids' adult airway management torso, and can be ordered without one if required.
- Torso supplied has anatomical landmarks including the sternum, rib cage, and substernal notch. The trainer also contains teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, inflatable lungs and stomach. It allows for placement of a nasogastric tube and accepts Combitube®, E.O.A., E.G.T.A., P.T.L. and i-gel® airways.

- Soft body joints eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- Supplied in a tough carrying holdall for easy handling and storage.
- Comes complete with boots and overalls, which are easily replaced if damaged.

NOT SUITED FOR:

- Use in hot fire training - See our Fire House manikin.
- Use in water – See our Water Rescue range.

OPTIONAL EXTRAS

- Tough drag protectors and overalls, to greatly extend the life of your manikin.

EXTENSIVELY USED BY:

- UK Emergency Services.
- A wide spectrum of companies across industries.
- Health & Safety and First Aid Training organisations.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
20 Kg Adult with Torso	RLNAWM/TOR	1.8	20	N/A
20 Kg Adult without Torso	RLNAWM	1.8	12	N/A

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FULL BODIED CPR TRAINING MANIKIN

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FULL BODIED CPR TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

First responder Cardiopulmonary Resuscitation (CPR), Confined Space, Road Traffic Collision (RTC), entrapment under a heavy object, or indeed any scenario where CPR could be required under challenging circumstances.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Full bodied manikin promotes more realistic and effective training.
- The manikin accommodates most CPR torsos, and can be ordered without one if required.
- Soft body joints eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- Supplied in a tough carrying holdall for easy handling and storage.
- Comes complete with boots and overalls, which are easily replaced if damaged.

NOT SUITED FOR:

- Use in hot fire training - See our Fire House manikin.
- Use in water – See our Water Rescue range.

OPTIONAL EXTRAS

- Tough drag protectors and overalls to greatly extend the life of your manikin.

EXTENSIVELY USED BY:

- UK Emergency Services.
- A wide spectrum of companies across industries.
- Health & Safety and First Aid Training organisations.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
20 Kg Adult with Torso	RLNCPR/TOR	1.8	20	N/A
20 Kg Adult without Torso	RLNCPR	1.8	13	N/A
50 Kg Adult with Torso	RLNCPR/TOR50	1.8	50	N/A
50 Kg Adult without Torso	RLNCPR50	1.8	43	N/A



LIGATURE TRAINING MANIKIN

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LIGATURE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Institutions within Mental Health or Learning Disabilities, Police, Prisons, Care Homes and other high risk environments who face and need to manage risk of suicide and self-harm on a regular basis, must equip their staff with the right training to safely and sensitively manage hanging scenarios when they occur, including the use of a hook knife to properly release a ligature.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- The manikin has anatomical landmarks including the sternum, rib cage, and substernal notch. The trainer also contains teeth, uvula, vocal cords, glottis, epiglottis, larynx, arytenoid cartilage, trachea, oesophagus, inflatable lungs and stomach. It allows for placement of a nasogastric tube and accepts Combitube®, E.O.A., E.G.T.A., P.T.L. and i-gel® airways.

- Realistic knee joints promoting correct manual handling techniques including preservation of the C-spine.
- Special D-ring feature enables easy suspension without damaging the manikin.

NOT SUITED FOR:

- Use in hot fire training - See our Fire House manikin.
- Use in water – See our Water Rescue range.

EXTENSIVELY USED BY:

- Hospitals and NHS Trusts.
- Police & Prison Service.
- Mental Health & Learning Disability Institutions.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult	RLNLAW	1.8	25	N/A

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MASS CASUALTY TRAINING MANIKIN

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MASS CASUALTY TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

A very lightweight (8kg) and cost effective solution for large scale multi-agency exercises, where a large number of bodies or casualties are required for visual effect, rather than for rescue scenarios.

SPECIAL MATERIALS:

Water resistant P200 polyester carcass filled with flame retardant foam.

FEATURES & BENEFITS:

- Lightweight (8Kg) for easy handling and positioning.
- Tough enough to withstand being buried under concrete or steel lintels, driven over by a 4x4 vehicle, or dropped from a 2nd floor window without damage.
- Water repellent material, making it suitable for wet or foul scenarios such as HAZMAT/CBRN.
- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- Light enough to be placed in any situation easily, but will not blow away like inflatables!
- Can be folded or vacuum packed for easy storage and transportation.

NOT SUITED FOR:

- Use in temperatures above 100°C or flashover 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:

- All UK Fire & Rescue Services.
- Police, Ambulance/EMS/HART teams.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult	RLMASS	1.8	8	N/A

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MAN OVERBOARD TRAINING MANIKIN

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MAN OVERBOARD TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Man overboard search and rescue exercises in the open ocean, streams, lakes or other inland waterways.

SPECIAL MATERIALS:

Carcass constructed from nylon mesh. High density polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg) 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:

- Floats horizontally, vertically or at 45 degrees, to simulate a live person or dead body – achieved by redistributing foam pieces within the overalls in a matter of seconds.
- The tough nylon mesh carcass allows the water to penetrate quickly, allowing the legs to drop beneath the surface, leaving only the head and shoulders visible, if desired.
- Dry weight 40Kg (Adult) increases to approximately 65Kg retrieval weight from water.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Baby	RLNW5MO	0.7	5	N/A
Toddler	RLNW8MO	0.9	8	N/A
Youth	RLNW20MO	1.3	20	N/A
Adult	RLNWMO	1.8	40	6910-99-1519652

- Bright orange overalls and SOLAS reflective tape on the head make the manikin highly visible.
- Strong webbing loop at the back allows easy handling, storage and suspension for drying.
- Built in polyethylene strips allow flexibility in the water but prevent the manikin from bending in half when using recovery devices such as a Jason's Cradle.
- Comes complete with overalls and boots, which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Black Search & Rescue hoodie to part cover the manikin to decrease visibility in the water.

EXTENSIVELY USED BY:

- UK Ministry of Defence Army and Navy.
- RLNI (Royal National Lifeboat Institution).
- All UK Fire & Rescue Services.
- Offshore operators.
- Coastguards & Lifeguards.
- Inland Water Rescue Teams.
- Shipping & Fishing industries.
- Equivalent organisations in North America, Europe, Asia and Australia.

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MULTI-TRAUMA RANGE TRAINING MANIKIN

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MULTI-TRAUMA RANGE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

For teams who deal with trauma injuries such as lost limbs or impalements in a variety of scenarios such as Road Traffic Collisions (RTC), Confined Space rescues, Urban Search & Rescue (USAR) incidents, Chemical & Biological hazard events & general handling exercises.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Right arm and leg can be partially or fully removed for enhanced trauma impact.
- A rigid plastic cavity in the chest area allows the insertion of an impalement of your choice.
- Tough enough to withstand being buried under concrete or steel lintels, driven over by a 4x4 vehicle, or dropped from a 2nd floor window without damage.
- Water repellent material, making it suitable for wet or foul scenarios such as HAZMAT/CBRN.

- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- Comes complete with boots and overalls, which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Tough drag protectors and overalls to greatly extend the life of your manikin.
- Shoutbox and hood to give your casualty the power of speech to add extra realism.
- Face mask and wig for a more human-like appearance.

EXTENSIVELY USED BY:

- All UK Fire & Rescue Services.
- Police, Ambulance/EMS/HART teams.
- Health & Safety experts across various industries.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
30 Kg Adult	RLN30MT	1.8	30	4240-99-2547551
50 kg Adult	RLN50MT	1.8	50	4210-99-6673857
70 kg Adult	RLN70MT	1.8	70	N/A

RUTH LEE™



SEARCH & RESCUE TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

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We employ highly skilled people and source the most durable materials to ensure our products meet the highest international standards.

Our manikins are designed to represent the correct anatomic weight distribution of a real person, and we offer a range of different models to suit every conceivable scenario. This ensures that your training is as realistic and as effective as possible; preparing you for all eventualities.

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SEARCH & RESCUE TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Man overboard search and rescue exercises in the open ocean, streams, lakes or other inland waterways.

SPECIAL MATERIALS:

Carcass constructed from nylon mesh. High density polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg) 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:

- Similar to our Man Overboard manikin, but with black overalls and mesh hood to reduce visibility.
- Floats horizontally, vertically or at 45 degrees, to simulate a live person or dead body – achieved by redistributing foam pieces within the overalls in a matter of seconds.
- The tough nylon mesh carcass allows the water to penetrate quickly, allowing the legs to drop

beneath the surface, leaving only the head and shoulders visible, if desired.

- Dry weight 40Kg (Adult) increases to 65Kg retrieval weight from water.
- Strong webbing loop at the back allows easy handling, storage and suspension for drying.
- Built in polyethylene strips allow flexibility in the water but prevent the manikin from bending in half when using recovery devices such as a Jason's Cradle.
- Comes complete with overalls, boots and mesh hood, which are easily replaced if damaged.

NOT SUITED FOR:

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

EXTENSIVELY USED BY:

- RLNI (Royal National Lifeboat Institution).
- Police and police dive teams
- Royal Navy
- Offshore operators.
- Coastguards & Lifeguards.
- Inland Water Rescue Teams.
- Shipping & Fishing industries.
- Equivalent organisations in North America, Europe, Asia and Australia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Youth	RLNW20SR	1.3	20	N/A
Adult	RLNWSR	1.8	40	4210-99-5942538



SMART TALKER - USAR RANGE TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

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SMART TALKER - USAR TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Give your casualty the power of speech to add extra realism to your urban search & rescue training. Using the Shoutbox feature you can personalise any recorded message up to 60 seconds: eg "Help! I can't feel my legs.." which can be repeated periodically or as a 'reaction' to a (rescuer's voice).

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Shoutbox feature – see above for details
- Anatomically correct weight distribution to give the 'feel' of an unconscious casualty.
- Strong webbing loop allows easy handling, storage and suspension for drying.

- Tough enough to withstand being buried under concrete or steel lintels, driven over by a 4x4 vehicle, or dropped from a 2nd floor window without damage.
- Water repellent material, making it suitable for wet or foul scenarios such as HAZMAT/CBRN.
- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- Comes complete with Shoutbox, boots and overalls, which are easily replaced if damaged.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Tough drag protectors and overalls to greatly extend the life of your manikin.

EXTENSIVELY USED BY:

- Canadian Defence Department.
- Search & Rescue professionals.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
30Kg Adult	RLUSAR30	1.8	30	N/A
50Kg Adult	RLUSAR50	1.8	50	N/A
70Kg Adult	RLUSAR70	1.8	70	N/A



WORKING AT HEIGHT TRAINING MANIKIN

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WORKING AT HEIGHT TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Effective, realistic training will help to ensure compliance with the Work at Height Regulations 2005 (UK) by reducing the risks involved across Industry. Typical applications include Construction, Telecommunications, Fire & Rescue, Scaffolding, Multi-storey Warehouses, Factories, Scaffolding, Stage & Theatre, Cleaning & Maintenance, Wind Turbines, Pole Top and Tower rescues.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Anatomically correct weight distribution to give the 'feel' of an unconscious casualty.
- Closed-cell foam used in trunk area to provide extra rigidity and reduce 'slumping' when using a rescue harness. Tough polypropylene strips extend from the shoulders to the knees to prevent excessive flexing when used aloft.

- Strong webbing loop at the back allows easy handling, storage and suspension for drying.
- Tough enough to withstand being dropped from a house rooftop.
- Soft body joints to eliminate the risk of pinch welts and bruising; common injuries when using plastic bodied manikins.
- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- Comes complete with boots and overalls, which are easily replaced if damaged.

NOT SUITED FOR:

- Use in temperatures above 100°C or flashover 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:

- UK Fire and Ambulance Services.
- Specialist Working-at-Height training providers.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult 30Kg	RLWAH30	1.8	30	N/A
Adult 50Kg	RLWAH50	1.8	50	N/A
Adult 70Kg	RLWAH70	1.8	70	N/A



BARIATRIC TRAINING MANIKIN

FOR PROFESSIONALS WHO SAVE LIVES

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BARIATRIC TRAINING MANIKIN

IDEAL FOR THE FOLLOWING TRAINING SCENARIOS:

Obesity is a very real problem in the UK and other western countries. How would your team deal with an obese casualty who has suffered a heart attack in a bathroom at home, or in a lift at the local shopping centre? RTC extrications present an extra challenge with obese passengers, and staff at care homes, hospitals, prisons, hotels and airlines will be increasingly confronted with scenarios requiring realistic bariatric training.

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 polypropylene webbing (25mm rated to 207 Kg, 50mm rated to 440Kg).

FEATURES & BENEFITS:

- Tough enough to withstand being buried under concrete or steel lintels or driven over by a 4x4 vehicle.
- Water repellent material, making it suitable for wet or foul scenarios such as HAZMAT/CBRN.
- Specially designed to achieve a 'fluidity of movement' for more realistic handling.

- An immobilisation/extrication collar can be fitted around the neck of our adult manikins to promote proper casualty care.
- The manikins are designed to be carried by a team of at least 4-6 people and are supplied with a carrying sheet for easier handling and positioning. Safe working load 400Kg.
- Comes complete with boots, bariatric pyjamas and carry sheet.
- The new 90Kg manikin is ideal when less weight is required without forfeiting the bulk and size.

NOT SUITED FOR:

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

OPTIONAL EXTRAS:

- Shoutbox and hood to give your casualty the power of speech to add extra realism.
- Face mask and wig for a more human-like appearance.

EXTENSIVELY USED BY:

- UK Fire and Ambulance Services.
- Specialist Training providers.
- Equivalent organisations across North & South America, Europe, Australia and Asia.

AVAILABLE WEIGHTS & SIZES:

DESCRIPTION	MODEL CODE	HEIGHT (M)	WEIGHT (KG)	NATO STOCK #
Adult 90Kg	RLN90B	1.8	90	N/A
Adult 180Kg	RLN180	1.8	180	N/A
Adult 260Kg	RLN260	1.8	260	N/A

EQUIPMENT NOTE

Note: When handling any training dummies/manikins two people must be employed, and only approved and tested means of hauling must be employed.

Care & maintenance

1. Do not deliberately drop or abuse the dummy.
2. Do not expose the dummy to fire, excessive heat or hazardous substances. Where it has to be exposed, dress the dummy in protective overalls or clothing to enhance its durability. If it becomes contaminated, it must be decontaminated before being handled again.

Inspection before and after use

Visually inspect the dummies as follows:

1. Check that they have no tears or holes that would interfere with their handling.
2. Check that none of the seams has become un-stitched and that the stitching is not worn down.
3. Check that all the labels are secure.
4. Check that nothing has become embedded in the body of the dummy. No hard material is used in the manufacture of the dummy, so anything hard will be a foreign object and it must be removed.
5. Check that none of the limbs are loose and that no part of the dummy is likely to fall loose during drills.

Cleaning and Storing

The dummies are covered with a sturdy, colourfast canvas that, in general, will be easy to keep clean. However, if they are likely to get dirty, it is recommended that the dummies are first clothed with overalls. The overalls can then be removed and cleaned in the usual way.

1. If the dummy does become soiled, wipe it down with a damp cloth and stand it up to dry.
2. If the dummy becomes soiled with oil or other similar substances, carefully clean these off using a sparing amount of paraffin or similar cleaning fluid. Then wipe the dummy with soapy water to remove traces of the cleaning fluid.
3. If the dummy has got wet during use or through cleaning, hang it up to dry in an airy place. The dummy should dry quite quickly.
4. Although the dummy is made from rot-proof canvas, always ensure that it is completely dry before stowing it away.

Decontamination after Use

1. If the dummy has been exposed to hazardous substances during the exercise, it must be decontaminated with the rest of the equipment. Include a warning about its weight on the bag label. If the dummy has absorbed the substances, seek specific instructions from the Hazmat Officer.

Damage and Repair

1. This equipment cannot be repaired at the station, it must be returned to Brigade Stores for advice.

Supplementary note:

Water rescue dummies are designed to allow the ingress of water during use; it is desirable that this water is allowed to drain out after use. To aid this process, it is recommended that the dummies are hung up using the large webbing loop to the back and that the Wellingtons are removed.



RISK ASSESSMENT FOR THE GENERAL HANDLING AND TRANSPORTATION OF RUTH LEE TRAINING DUMMIES / MANNEQUINS / MANIKINS.

The assessment was conducted in accordance with the requirements of the following Regulations and the associated guidance contained therein.

MANAGEMENT OF HEALTH AND SAFETY AT WORK REGULATIONS 1992 MANUAL HANDLING OPERATIONS REGULATIONS 1992 (amended 2002)

Ruth Lee training dummies/mannequins/manikins are to be used for emergency training drills wherever it is necessary to simulate rescues in situations too hazardous or uncomfortable for human volunteers. Training dummies **MUST** be deployed in any rescue exercise involving the use of Breathing Apparatus and/or real fire.

THE HEALTH AND SAFETY MANUAL SECTION 3.16.6, CODE OF PRACTICE FOR FIRE STATIONS, HAS GENERAL PROCEDURES WHEN USING TRAINING DUMMIES, THE DETAILS OF WHICH ARE GIVEN IN THE FOLLOWING PARAGRAPHS ON HAZARDS AND USE.

During pick-up drill and training exercises, two people must always be employed. Before one person can handle training dummies during the rescue phase of the exercise, the handling of the dummies will be subject to dynamic risk assessments by personnel engaged in the training scenario.

When hauling a training dummy aloft in preparation for a drill exercise, two people must be used, and only approved and tested means of hauling must be employed.

The dummy is weighted like the human body, so treat it as if it were a human casualty when balancing, manoeuvring and carrying it.

When passing a dummy between rescue personnel, be sure that the person below or receiving the dummy is fully prepared for the weight before letting go.

For your information, Home Office guidance on the Dynamic Management of risk proposes the following definition: -

"The continuous process of identifying hazards, assessing risks, taking action to eliminate or reduce risk monitoring and reviewing, in the rapidly changing circumstances of an operational incident."

Supplementary note:

It should also be noted that the Water Rescue dummy weighs in excess of 40Kg (90lbs) after being submerged in water for any length of time. Instructors must ensure that the recovery of a Water Rescue dummy from water is subject to a Dynamic Risk assessment.