



FOR PROFESSIONALS WHO SAVE LIVES

TRAINING MANIKINS THE FULL RANGE



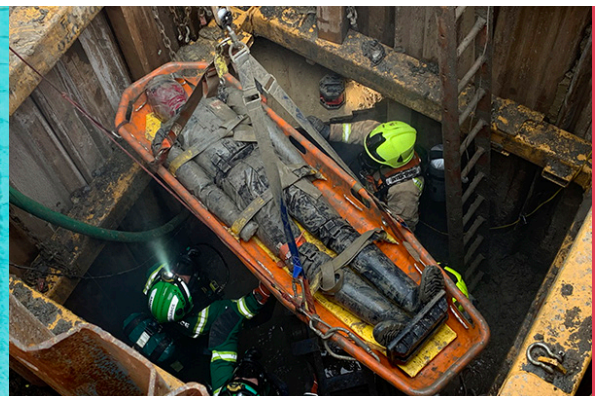
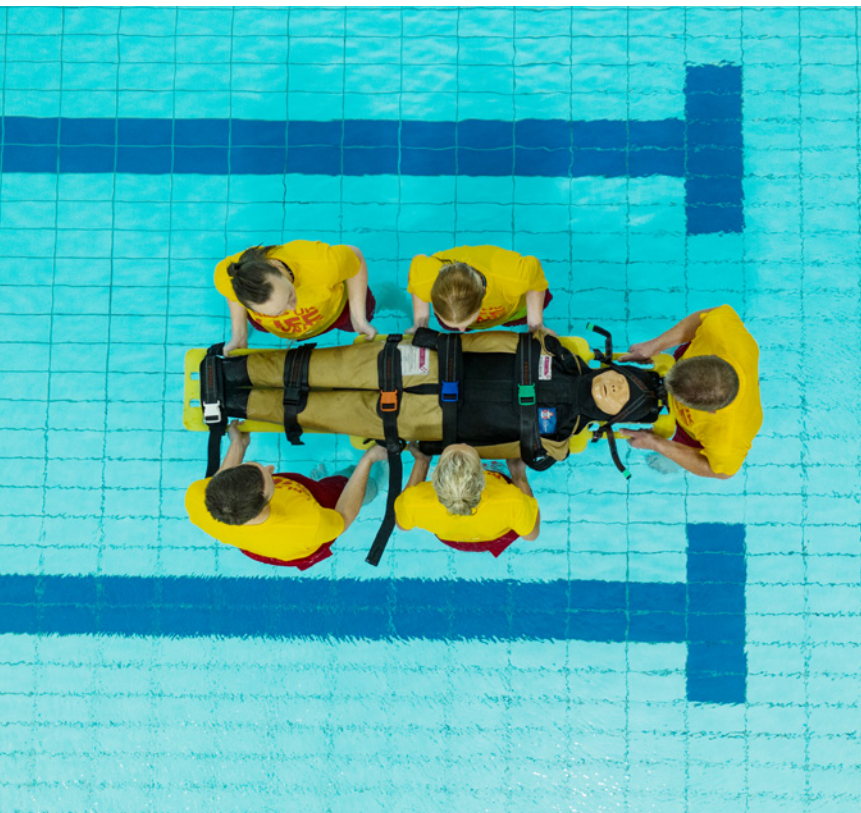


FOR PROFESSIONALS WHO SAVE LIVES

It's proven that creating realistic training helps you to perform better in real-life emergencies. Muscle memory and reactions are improved and therefore it is in your best interest to create scenarios which are as challenging as you might face in your day-to-day job.

By using manikins as the casualty, you also reduce the risk of injury to another person and minimise person-to-person contact.

Ruth Lee manikins have been designed with specific purposes in mind and with assistance from industry experts - from the Royal Navy, RNLI and RLSS to healthcare professionals, each manikin combines a series of unique features and benefits to make it the perfect training partner for your business.





WHY CHOOSE RUTH LEE MANIKINS

- A family business with more than 25 years' experience and strong core values.
- An unwavering **commitment to quality** and excellent customer service.
- A range of more than 25 manikins designed for specific training purposes and in consultation with experts in the fire service, Navy and RNLI.
- Products **exported around the world** to more than 40 countries world-wide.
- **Nato Stock numbers available** for many of our manikins.
- Reduce risk to volunteers during training and minimise person-to-person contact.

TRAINING MANIKINS

CHOOSING THE RIGHT MAN(IKIN) FOR THE JOB

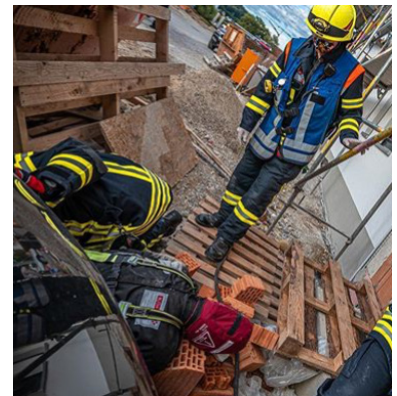
Our range of training manikins come in a range of sizes and weights, allowing you to create a wide variety of different challenges for your team. They are manufactured to be anatomically correct with regards to weight and body proportion. With a reputation for quality, durability and outstanding customer service, you can rest assured that Ruth Lee Ltd offer the best possible manikins for your training.

DUTY RANGE

Our standard manikin which is suitable for a variety of training scenarios. It comes in a range of weights ranging from a 5kg baby, to a 90kg adult.

It is popular with teams in all sectors and it is a tough, versatile manikin which will withstand a fall from a second story window, and being driven over by a vehicle!

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLN5	BABY	5Kg	0.7m	4240-99-8581987
RLN10	TODDLER	8Kg	0.9m	4240-99-0218800
RLN20	YOUTH	20Kg	1.3m	4240-99-2130513
RLN20A	ADULT	20Kg	1.8m	
RLN30	ADULT	30Kg	1.8m	4240-99-8525913
RLN50	ADULT	50Kg	1.8m	4240-99-9771707
RLN70	ADULT	50Kg	1.8m	4240-99-2416796
RLN75	ADULT	70Kg	1.8m	
RLN80	ADULT	80Kg	1.8m	6910-99-858-3207
RLN90	ADULT	90Kg	1.8m	6910-99-850-7387



DOG

Because sometimes our four-legged friends need rescuing too! This manikin has proven to be popular with many customers in the Military, Fire and Rescue, Mountain Rescue, Coastguard and even with private companies offering canine First Aid programmes.

CODE	DESCRIPTION	WEIGHT
RLDOG10	DOG	10Kg
RLDOG20	DOG	20Kg
RLDOG25	DOG	25Kg



DUTY PLUS

After customer feedback we have enhanced some features on our popular Duty Range manikin. This manikin is more 'upright' through the head and torso making it a perfect 'conscious casualty' in Road Traffic Collision extrication training.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLN50PLUS	ADULT	50Kg	1.8m



FIRE HOUSE

The Fire House Manikin was predominately designed for BA snatch rescue training in fire houses and for 'hot fire cell' training. It will easily withstand temperatures of around 160°C at floor level (400°C at the ceiling!) for a prolonged period of time.

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNFH5	BABY	5Kg	0.7m	
RLNFH10	TODDLER	8Kg	0.9m	
RLNFH20	YOUTH	20Kg	1.3m	
RLNFH20A	ADULT	20Kg	1.8m	
RLNFH30	ADULT	30Kg	1.8m	4240-99-5158249
RLNFH50	ADULT	50Kg	1.8m	4240-99-5550594
RLNFH70	ADULT	70Kg	1.8m	



CASUALTY EVACUATION

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 is a perfect drag dummy for operational fitness assessment and ongoing fitness training.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNCE	ADULT	55Kg	1.8m



URBAN SEARCH AND RESCUE

A heavy-duty training manikin with incorporated voice activated shoutbox, giving your manikin the power of speech!

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLUSAR30	ADULT	30Kg	1.8m
RLUSAR50	ADULT	50Kg	1.8m
RLUSAR70	ADULT	70Kg	1.8m



“ Your Water-Bariatric suit is a game changer for bariatric training. We have rigged exercises where they could not previously be set up. It has been a massive eye opener for some as to the reality of the situations they may be faced with. It is not possible to have a ‘suitable and sufficient’ rescue or evacuation plan, if you have not tried it and trained it. ”

Tony Elmsley, Managing Director
OUTREACH RESCUE, UK



BARIATRIC

Our Bariatric range includes manikins at 90, 180 or 260kgs, with the 90kg manikin being the perfect choice when you require a dummy with bulk, but without excessive weight.

We have worked very hard to achieve a ‘fluidity of movement’ with the weight rather than just producing a heavy ‘lump’, so these manikins are very realistic to work with.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLN90B	ADULT	90Kg	1.8m
RLN180	ADULT	180Kg	1.8m
RLN260	ADULT	260Kg	1.8m



BARIATRIC CONVERSION SUIT

The Bariatric Conversion Suit is a lightweight and flexible option for a heavy weight problem! Simply place the suit over your existing Duty Range manikin, attach a hosepipe and fill it up with water to achieve the required weight. Up to 150kg of additional weight can be added using water.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLBCS	BARIATRIC SUIT	NA	1.8m



MASS CASUALTY

A cost-effective manikin when large numbers of casualties are required - they are lightweight (approx. 4Kg) and would be perfect for multi-agency exercise where a large number of casualties/bodies are required to be seen but not necessarily rescued.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNMASS	ADULT	4Kg	1.8m



MULTI TRAUMA

One of our more interesting manikins that can be used to simulate impalement or amputations to bring added interest to any training exercise. The removable limbs can also be partially attached using the Velcro at the end of the limb - in this way the limb may fall off during recovery if a thorough injury assessment is not made by the rescuer!

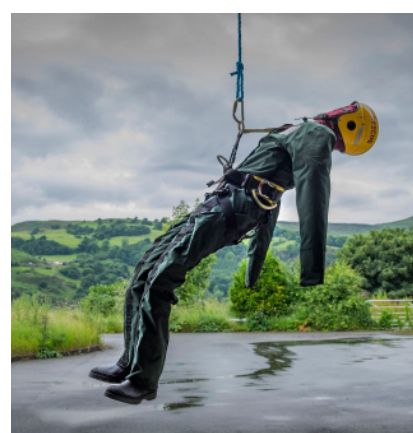
CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLN30MT	ADULT	30Kg	1.8m	4210-99-2547551
RLN50MT	ADULT	50Kg	1.8m	4210-99-6673857
RLN70MT	ADULT	70Kg	1.8m	



WORKING AT HEIGHT

An extremely tough manikin for Working at Height and Rope Access rescue training in many industries. This manikin is constructed to provide extra rigidity through the torso and reduce slumping when using a rescue harness.

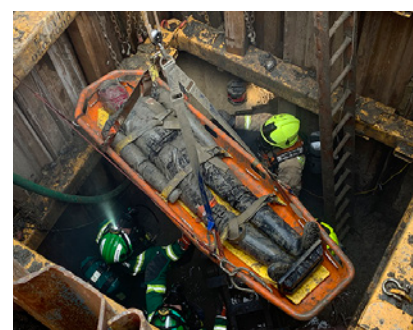
CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLWAH30	ADULT	30Kg	1.8m	
RLWAH50	ADULT	50Kg	1.8m	
RLWAH70	ADULT	70Kg	1.8m	6910-99-567-4392



CONFINED SPACE

The perfect training partner for confined space training, or any other difficult access location as this manikin splits into several sections making it easier to transport and construct once in position. No individual component weighs more than 25Kg.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNCS50	ADULT	50Kg	1.8m



DROP TEST

As the name suggests, this manikin was designed to assist with the testing of fall arrest equipment. It weighs in at 100Kg, which is a heavier weight to truly test the performance of equipment and is constructed with a more rigid trunk to reduce slumping when suspended in harness.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLN100	ADULT	100Kg	1.8m



PRISONER SECURITY

Ideally suited for prisons and correctional facilities to train for the evacuation of restrained or unconscious prisoners in an emergency. It has slimmer wrists to accommodate handcuffs to practise restraint techniques, and a reinforced neck, to allow for the simulation of a suicide (through hanging), allowing teams to practice body recovery and evidence preservation techniques.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNPS50	ADULT	50Kg	1.8m



PMVA

The PMVA (Prevention and Management of Violence and Aggression) Manikin was designed in collaboration with a leading secure hospital, specialising in physical intervention training aimed at reducing the escalation of violence in mental health establishments.

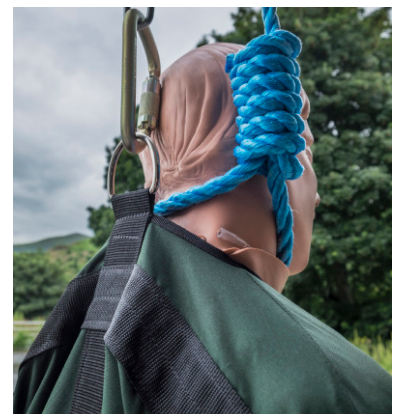
CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNRM30	ADULT	30Kg	1.8m



LIGATURE

This manikin was developed in conjunction with a leading healthcare trust in the UK for the training of professionals who may need to manage ligature hanging. This manikin has anatomical features which allow you to practise airway management skills, with the hope of reviving someone who has been found hanging.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNLAW/TOR	ADULT	25Kg	1.8m



MOUNTAIN RESCUE

Developed in conjunction with Scottish Mountain Rescue, these manikins are lighter in weight, to be easily carried to remote locations in its own backpack. It has integrated RECCO® reflectors, which makes an avalanche victim searchable to professional rescuers.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNAV	ADULT	11Kg	1.8m



FULL BODY CPR

Take CPR training out of the classroom and into more realistic emergency situations for better learning outcomes. Introducing this manikin into a routine training exercise makes learners stop and think and would definitely test their preparedness!

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNCPR	ADULT NO TORSO	13Kg	1.8m
RLNCPRTOR	ADULT WITH TORSO	20Kg	1.8m
RLNCPR50	ADULT NO TORSO	43Kg	1.8m
RLNCPRTOR50	ADULT WITH TORSO	50Kg	1.8m



FULL BODY AIRWAY MANAGEMENT

Lets first responders train for vital Airway Management skills outside of a classroom environment. It can be purchased with or without the torso. Optional IV Arm for cannulation, providing an IV injectable site.

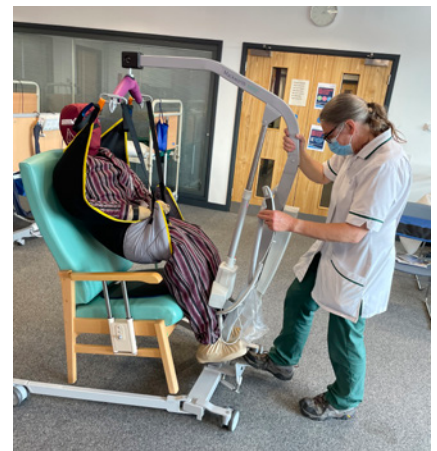
CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNAWM	ADULT NO TORSO	13Kg	1.8m
RLNAWM/TOR	ADULT WITH TORSO	20Kg	1.8m
RLNAWM50	ADULT NO TORSO	43Kg	1.8m
RLNAWM/TOR50	ADULT WITH TORSO	50Kg	1.8m
RLNAWM-IV/TOR	ADULT WITH TORSO & IV ARM	20Kg	1.8m



PATIENT HANDLING

This is a versatile manikin which is ideal for safe patient handling training, early mobility and emergency evacuation planning. It includes a weighted bottom, helping it to sit correctly in a hoist and roll over on a bed, plus detachable limbs to simulate an amputation (also making it easier for one person to transport).

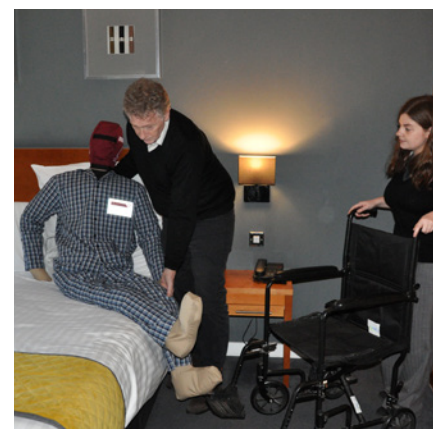
CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNPH30	ADULT	30Kg	1.65m
RLNPH50	ADULT	50Kg	1.65m



EMERGENCY EVACUATION

Any residence which houses many people has an obligation to create an emergency evacuation plan. All staff should be trained to carry out your plan, using different scenarios. Our Emergency Evacuation manikin is 25kg, so easily transported between sites and it is constructed from an antibacterial and fire-retardant material.

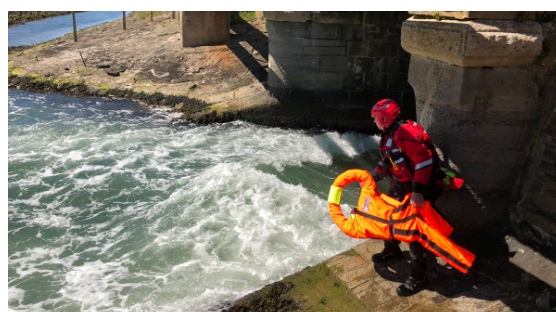
CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNEE	ADULT	25Kg	1.8m



WATER RESCUE TRAINING MANIKINS

We have been designing and manufacturing water rescue training manikins for more than 25 years. Our customers are based all over the world and include the Navy, Coastguard, Swift Water Teams and lifeguards.

We have worked with many experts in the maritime industry to ensure that these are the very best manikins available for water rescue training.

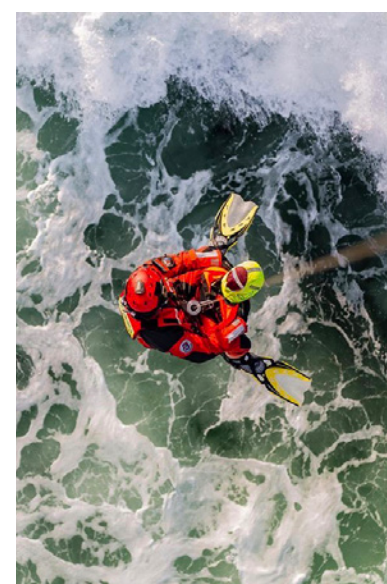


MAN OVERBOARD

Our most popular Water Rescue manikin, often called 'Dead Fred'.

The secret to the performance of this manikin is the balance between the weighting and the buoyancy - This manikin can float at any angle between the vertical and horizontal by simply moving the foam pieces between the chest pockets and the legs, a process which takes seconds.

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNW5MO	BABY	5Kg	0.7m	
RLNW8MO	TODDLER	8Kg	0.9m	
RLNW20MO	YOUTH	20Kg	1.3m	
RLNWMO	ADULT	40Kg	1.8m	6910-99-1519652



HELICOPTER WINCH

A variant model of our popular Man Overboard manikin, the Helicopter Winch Manikin was designed in consultation with the experts at Bristow Helicopters UK to provide a solution for training horizontal lifts from the water. It has lighter legs than the standard Man Overboard model, meaning that the legs float more readily when fitting the harness/strops in water and it will sit in a stable "W" position whilst winched to the helicopter.

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNWHW	ADULT	40Kg	1.8m	6910-99-753-0317



SEARCH AND RESCUE

The Search and Rescue model is deliberately designed to be difficult to see in the water to enable crews to develop the 'search' element of their Search and Rescue training, making this model particularly suitable for Police Forces or inland water rescue teams.

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNW5SR	BABY	5Kg	0.7m	
RLNW8SR	TODDLER	8Kg	0.9m	
RLNW20SR	YOUTH	20Kg	1.3m	
RLNWSR	ADULT	40Kg	1.8m	4210-99-5942538

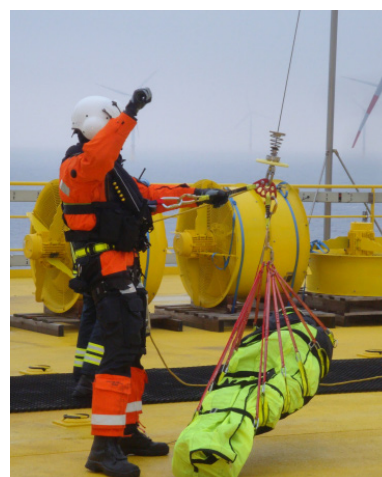


OFFSHORE

This model is heavier than the MOB variety making it suitable for simulating rescues from accommodation areas, engine rooms or drilling platforms.

It will withstand a fall of 5-6 meters into water and float vertically to simulate a live person in the water. It is suitable for emergency BA training, helicopter safety and escape and escape chute training.

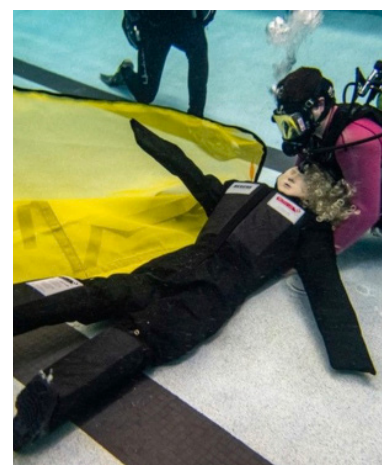
CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNOFF	ADULT	60Kg	1.8m	6910-99-157-8411



BODY RECOVERY

This manikin was designed predominately to aid Police dive teams to train to recover bodies from inland waters or under ice. The realistic size and weight, combined with a face and hair, mean that this manikin is eerily close to a real body in an underwater environment - it is also visible to sonar devices.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNBR10	TODDLER	10Kg	0.9m
RLNBR30	YOUTH	30Kg	1.3m
RLNBR50	ADULT	50Kg	1.8m



“ For me, overseeing our lifesaving and flood patrols, being operationally fit while using “dead weights” means our volunteers are ready for the real call should it ever happen. Ruth Lee provides this opportunity. ”

Adrian Mayhew, National Operations & Safety
SURF LIFESAVING GB

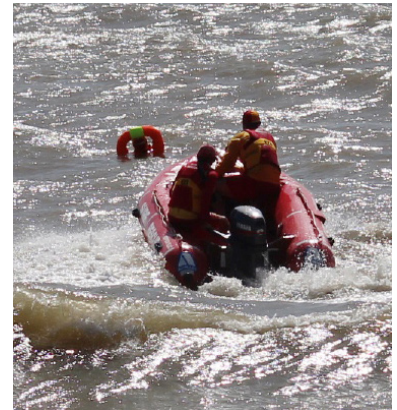


SURF RESCUE

This dummy was developed with the co-operation of Surf Life Saving Australia as a water rescue dummy for IRB Racing, IRB driver training and Tube Rescue practice.

In comparison to other manikins, its arms are held aloft to make it easier to spot and then drag on board a moving boat.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNCC	SURF RESCUE	20Kg	1.5m



POOL RESCUE

Designed and tested with assistance from the Royal Life Saving Society UK (RLSS), the Pool Rescue manikin is transforming lifeguard training around the world. It allows trainees to complete a full simulated rescue, from deep water recovery and towing, to extrication from the pool, including use of rescue boards...all using one manikin instead of switching between an unrealistic plastic torso and volunteers.

CODE	DESCRIPTION	WEIGHT	HEIGHT
RLNPRJ	JUNIOR	16Kg	1.15m
RLNPR	ADULT	30Kg	1.60M



“ The Ruth Lee Pool Rescue manikin is a revolutionary innovation in how lifeguard training is conducted. It provides a more realistic experience for trainees with the ability to practice a variety of techniques, without needing to switch between different equipment or live volunteers, this ultimately leads to greater confidence, when carrying out a real rescue. ”

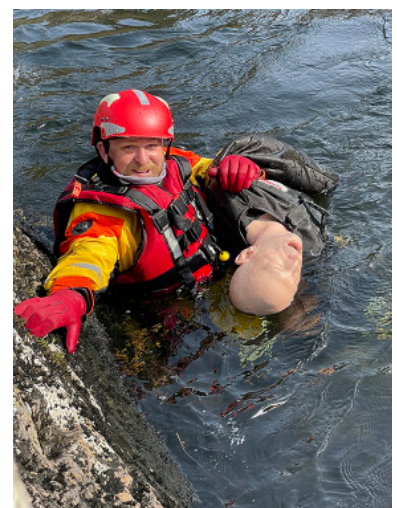
Jo Talbot, Commercial Director RLSS UK and International Lifesaving Federation Rescue Commission Member



ADVANCED WATER RESCUE

The Advanced Water Rescue Manikin is a world-first for anyone involved in the rescue and resuscitation of drowned casualties. With enhanced ALS features, you can replicate a drowning victim very accurately (including medical emergencies such as pulmonary oedema). Create complete training scenarios moving from water rescue to pre-hospital care without switching between manikins.

CODE	DESCRIPTION	WEIGHT	HEIGHT	NATO STOCK NO
RLNAWR	ADULT MALE	50-52Kg	1.8m	6910-99-680-0311
RLNAWR-T	TODDLER MALE	12Kg	0.95M	



THERMAL IMAGING SUIT

The Thermal Imaging suit can be worn by any adult Ruth Lee manikin (up to 90kg) and then a special overall (included in the price) is placed over the thermal suit to provide protection and to help evenly distribute the heat for better imaging using thermal cameras.

The suit can be used with the battery attached or pre-heated, giving a shorter glow time, but easier handling.

CODE

RLNTS24



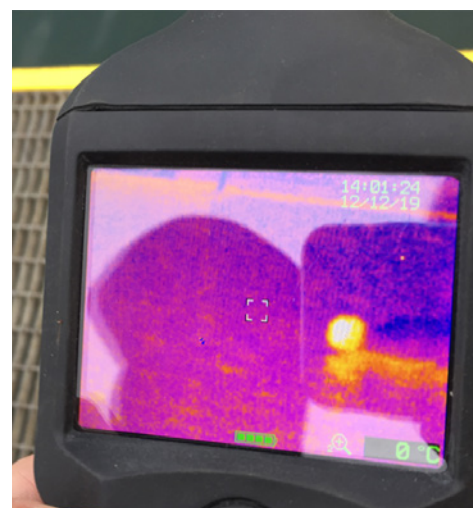
THERMAL IMAGING HOOD

Our Thermal Imaging Hood was designed to meet the growing demand for teams to be able to train for water rescues using thermal imaging technology.

The Thermal Imaging Hood can be worn by any adult Ruth Lee Water Rescue manikin, meaning you can quickly and easily upgrade your current Ruth Lee manikin to have an effective thermal imaging capability.

CODE

RLNWTH6



HELICOPTER LOADING BAG

Compact and high specification bags, designed to transport fire-fighting equipment and PPE to incidents offshore.

Specified by multinational Naval organisations world-wide and used for over 10 years by offshore organisations, coastguards and specialist marine fire-fighting teams.

DIMENSIONS STANDARD

915mm (L) x 635mm (W) x 635mm (H)

Safe Working Load:

100Kg (LOLER certificate available on request)

CODE

HELI

DIMENSIONS SMALL

650mm (L) x 450mm (W) x 500mm (H)

Safe Working Load:

60Kg (LOLER certificate available on request)

CODE

HELIS

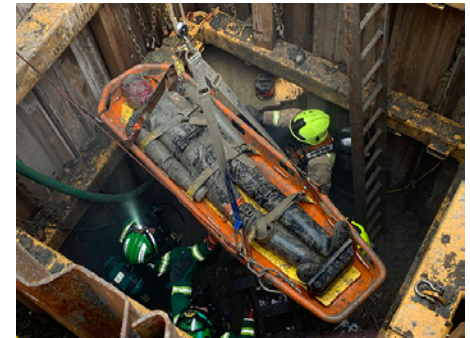


WHAT OUR CUSTOMERS SAY



“ As we don't want to put any of our employees at risk, especially when using a recovery stretcher, lifting etc, the use of a manikin was the right thing to do, allowing the team to practice the evacuation safely. ”

Mike Green, Senior, Health and Wellbeing Advisor
MWH TREATMENT LIMITED, UK



“ We took the opportunity to test our new model Ruth Lee. This one is designed to float and sink in water like a human, and thus allow us to practicing rescue techniques. Awesome isn't it? ”

La Brigade Splash
LA SOCIÉTÉ DE SAUVETAGE, CANADA



“ The positive impact they have had means I will definitely continue to use manikins in training after the pandemic; they have become an intrinsic part of the sessions. Some staff still like to know how it feels to be moved, so that experience will still be offered, but other staff are reluctant, so having a manikin for every session will be a huge benefit. ”

Marg Huxley, Moving and Handling Advisor
WIRRAL COMMUNITY HEALTH AND CARE NHS
FOUNDATION TRUST, UK





“Guys, training with Ruth Lee manikins is something else! It’s the best way to get closer to the real difficulties of rescue.”

Daide Gaeta, Lifeguard Trainer, ITALY

“ Since they have been purchased, not a week goes by that we haven’t utilized the manikins. We started using them so often we had to purchase a second one. We constantly get compliments from other departments about our “new” manikins. They were the single-handed best purchase in our division and have brought our training to the next level. ”

**Phil McCully, Captain of Training Safety Division
NEWTON FIRE DEPARTMENT, USA**



“ Without a doubt, the best training manikin that I’ve been lucky enough to use. We’ve tried CPR, we’ve sunk him in 20 meters in the sea and rescued him with divers, we have practised immobilisation on a spinal board and we have used in a tactical exercise with police and civil defence. In the pool we have ‘drowned’ him over 200 times in one day to practise skills ”

**Patrico Valdegrama, Lifeguard Trainer
RAL EMERGENCIAS, SPAIN**



“ Our Essential Skills Team have continued using the Ruth Lee Ltd manikins during their Safety Intervention training with hospital staff.

We look forward to many more years of use with Ronald and Reginald, our two new manikins - supporting staff to give effective care to our patients. ”

ST ANDREW’S HEALTHCARE, UK





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