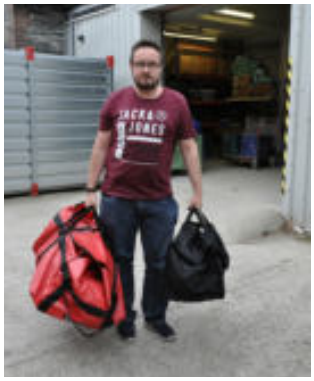
RUTH LEE™

BUILDING YOUR BARIATRIC

Our Water-fillable Bariatric suit allows you to turn your adult Duty Range Ruth Lee training manikin into a bariatric model in a series of simple steps.

This document guides you through the simple process and takes just 20 minutes from placing your manikin in place, to being ready for training.

If you are based in the UK, our National Sales Manager can visit you to demonstrate the correct fitting, filling and emptying of the suit



STEP 1

Arrive on site with your manikin and the water-fillable bariatric suit, which comes complete in a carry holdall.

The bag and suit weigh just 7kg, making it light enough to carry on your own and place in situation. In this photo, a 30kg manikin is in the red bag and the suit is in the black bag. Both will fit into the boot/trunk of an average sized car.

STEP 2

To date, most customers have bought a manikin specifically for use with the suit, so they can leave it dressed.

To dress the manikin, we recommend positioning it on a table or bed to raise it off the floor and save lots of bending.

STEP 3

If you have purchased a new manikin, spend a short amount of time manipulating the joints, particularly where the arms go into the shoulder. You want the manikin to be able to raise its arms over its head. An older manikin will be more 'worn in' and easy to raise arms.

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STEP 4

Start to pull the top section of the suit, over the manikin's head, with the arms, which are now straight up, going in first.

STEP 5

Keep pulling the top half of the suit down over the manikin (with arms raised, they should slip into the arms of the suit with minimal assistance).

STEP 6

Next, remove the Wellington boots from your Duty Manikin and pull the trousers of the suit on and pull right the way up.

STEP 7

Push the trousers up the leg to the buckle and clip on the soft boots provided in the bag. Pull the trousers back down over the boots.

STEP 8

Use the clips on the suit to click the two halves of the suit together and cover the clips with the supplied fabric belt. Velcro is attached to both the suit and fabric belt for easy application.

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When the manikin is dressed, you should now move him to wherever you want the training to take place.

Be careful with lifting, as you would be careful with a live casualty! You can position the manikin in the scenario you want to simulate, such as trapped in a vehicle, or wedged in bath etc.

STEP 1

The kit comes complete with two short hosepipe attachments which are fitted with Aquastop valves, a Hozelock Y connector and a water flow meter.

Attach the two short hosepipes to the suit by plugging the black ends into the valves on the suit and screwing them into place.

STEP 2

Connect the aquastop end of the hosepipe to the Hozelock Y Connector (this should just click into place). Please note the two valves on the Y attachment which lets you control water flow into the top and bottom part of the suit independently.

STEP 3

Attach the Water flow meter to the Hozelock Y Connector. You can now attach your own hosepipe from the water supply and start to fill your manikin. Up to 150 litres (and therefore 150 kg) of additional weight can be added.

Depending on your water pressure this usually takes between 10 - 20 minutes.

The top half of the suit will fill faster than the bottom half so our recommendation is to fill the top section first, adding up to 60lt. Once the top is filled, use the valve on the Hozelock Y Connector to switch off supply to the top, and then switch on the supply to the bottom half. The bottom half will take up to 90lt of water.

Once the suit is filled, simple disconnect the two short hoses from the suit. The valves on the suit itself have been designed to ensure no water comes out when removing the hosepipe, and you can screw the lids of the valves over to protect them.

EMPTYING YOUR BARIATRIC

STEP 1

The suit has been designed so that you can empty it wherever your training is taking place, both indoors and outdoors.

If emptying outdoors, simply remove the lid from the valve and press the valve and twist anti-clockwise to activate the release. Water should start flowing immediately. To speed emptying, you can apply pressure to the manikin. Once emptied, ensure you close the valve by pressing and twisting clockwise.

If you are working indoors, attach the two short hoses to the valves and screw into place. A small amount of water will escape from the valves on the manikin at this point, which you can catch easily with a towel.

Clip the Hozelock Y Connector to the hoses (ensure the valves are set to off on the Y Connector), then simply reattach your hosepipe going to a sink, drain or outdoors, flick the valves to open and the water will start to drain away.

This method will take longer as it relies on gravity to drain the water. You may prefer to partially empty using this method, and then carry the lighter manikin outside.

IMPORTANT ADVICE & INFORMATION

It is your responsibility to complete a full risk assessment for the exercise your team are performing. An essential part of the risk assessment should be the implications of water damage should the suit be damaged during training. We do not recommend dragging the manikin across rough surfaces once it is wearing the suit – at all times, it should be moved using a bariatric carry sheet. In the same way that you would not drag a live person across rough surfaces. At all times, treat the manikin as if it were a live casualty! Not only does this promote proper care, but also prolongs the life of the suit.

IMPORTANT - the Water-fillable Bariatric suit has been designed for use on Ruth Lee Duty manikins only. It MUST NOT be worn by a live person. There is the potential for serious risk of injury from wearing the suit, either from compression or as a result of the significant weight.

Ruth Lee Ltd will not accept any responsibility for damage or injury as a result of using this product.

Based in the UK? Our National Sales Manager can demonstrate the correct fitting, filling and emptying of this suit. Please call us on 01490 413 282

FOR PROFESSIONALS WHO SAVE LIVES

Details correct as of 19.10.22. Latest version available on our website