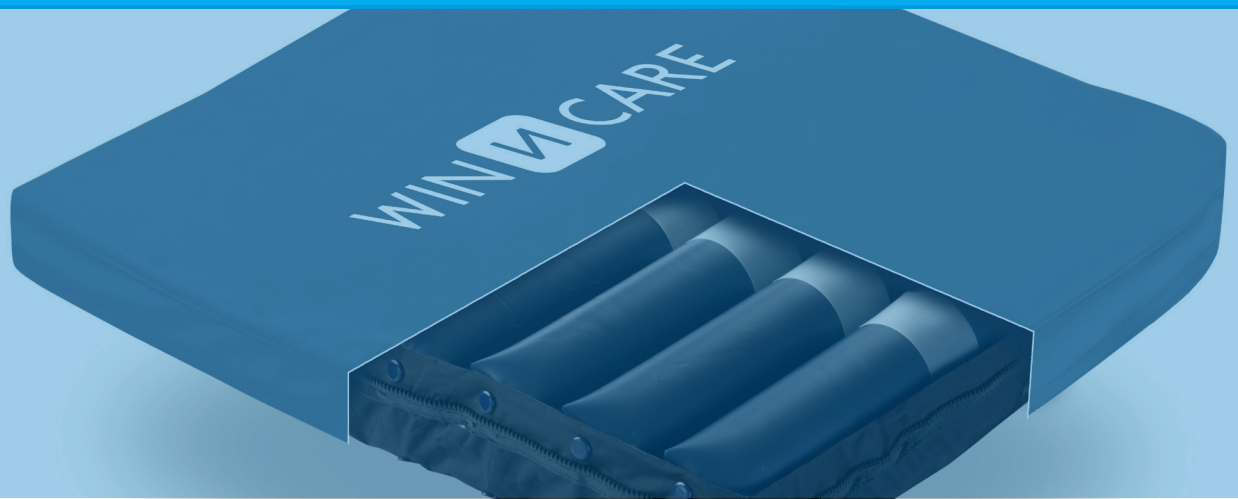




# BARIATRIC SOLUTIONS

PRODUCT RANGE



2023/2024

WIN  CARE

# WIN CARE

WinnCare in the UK delivers innovative healthcare solutions backed by 70 years of British manufacturing experience.

We are recognised globally for transformative, assistive equipment designed to support user independence while protecting caregivers and our environment.



Certified



Corporation

The term bariatrics was coined in the 1960's and relates directly from the Greek 'bar' meaning weight, 'iatr' meaning "treatment" and 'ic' meaning "pertaining to". Quite literally therefore bariatric means treatment pertaining to weight.

This gives the term clear clinical roots, and although it's important to understand the definition, and associated universally accepted indicators such as a person's BMI, it is also important to recognize that the concepts discussed within moving and handling also transfer and relate to someone not categorized medically as bariatric but with a body shape that makes standard handling more problematic.

Managing the handling of a bariatric or plus sized person requires a robust and proactive risk assessment which considers the risks specific to this group. It's imperative that there is as much emphasis put on post-fall recovery as fall risk reduction, as well as considering the MSK risks associated with not having appropriate equipment in place to mitigate this risk.

---

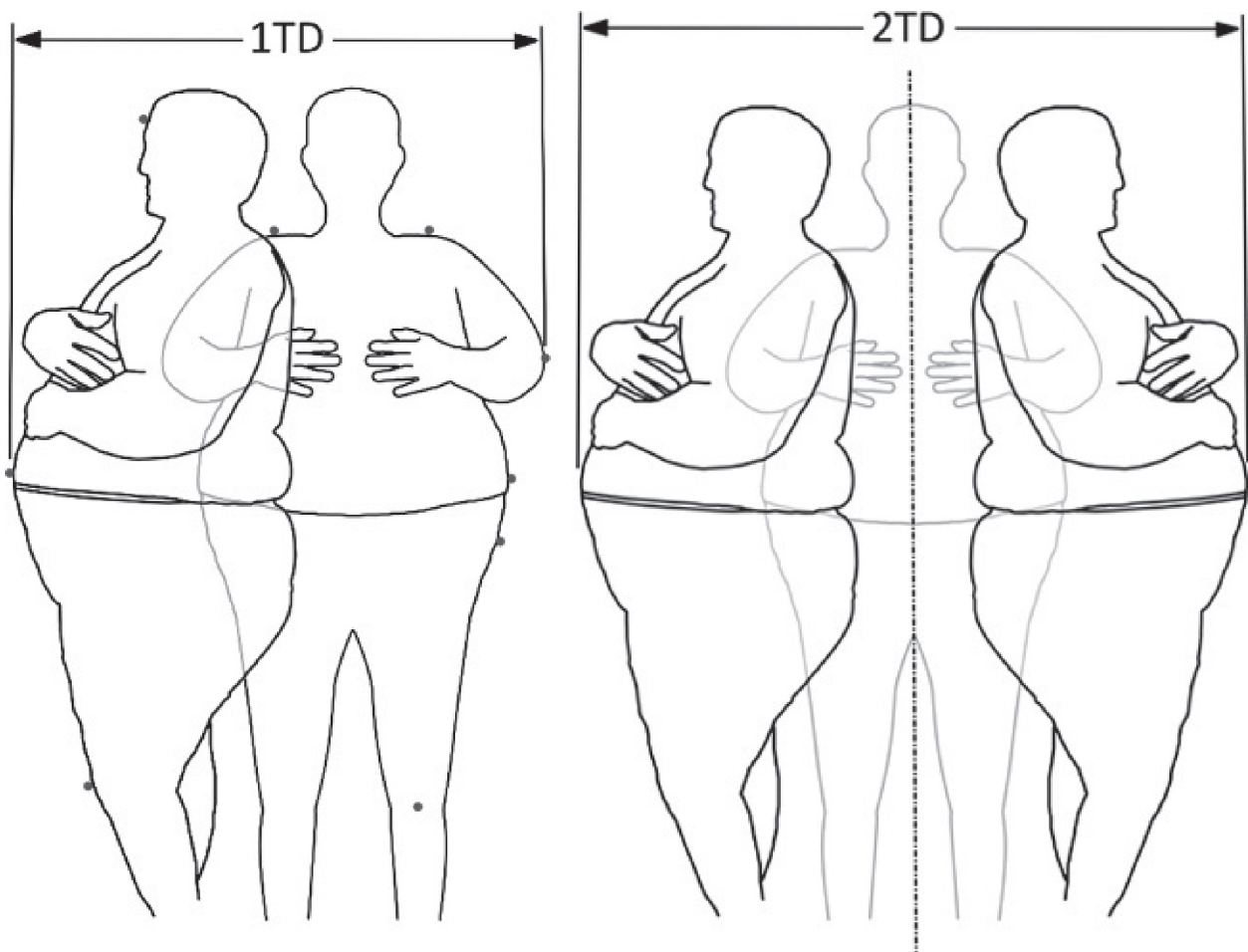
1 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8212393/>

**An increasing population of bariatric patients each year puts strain on resources to meet the individual needs of these patients. Worldwide in 2016, 650 million adults were obese (body mass index [BMI] at least 30 kg/m<sup>2</sup>) with trends steadily increasing (World Health Organization, 2020)<sup>1</sup>**



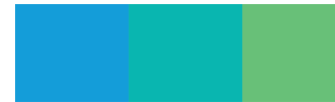
The hospital bed is an important medical device upon which patients may remain for days or weeks. Even during peak waking hours, patients spend 83% of their time in bed (Brown et al., 2009).<sup>1</sup>

**Deciding when a bariatric bed should be selected** - A recent study showed that BMI is a good predictor of the space required to turn from supine to lateral. Nurses should consider placing patients that are unable to laterally reposition themselves on a wider bed when BMI is greater than 35 kg/m and should consider placing all patients greater than 45 kg/m on a wider bed regardless of mobility. A bed that is too small to allow patients to turn from supine to side lying increases the difficulty of mobilizing patients, which can increase risk of musculoskeletal injury to caregivers, increase risk of pressure injuries to patients, and reduce patient comfort.<sup>2</sup>



[1] [Brown C. J., Redden D. T., Flood K. L., Allman R. M. (2009). The underrecognized epidemic of low mobility during hospitalization of older adults. *Journal of the American Geriatrics Society*, 57(9), 1660–1665. [PubMed] [Google Scholar]]

[2] <https://pubmed.ncbi.nlm.nih.gov/28968285/>



## XXL X'PRESS Bed

The XXL X'Press bed has a lifting limit of 315kg making it ideal for bariatric patients. Suitable for a home, care home or hospital environment, it is easy to assemble, transport and store.

- The XXL X'Press can be folded and moved on the incorporated casters
- The LINAK CA40 box powers the bed and emits low levels of noise and vibration
- Ergonomically designed for care givers with adjustable height
- The secure Easy Move board fastening system comes in a range of colours and designs
- Tool-free assembly/disassembly
- Locking backlit remote control



### Compatible with:



S.A.M Mobility Aid System



Grab Handle



20cm Bed Base Extension



Safety Side Rails

## Specification

**Dimensions:** 120x200cm

**Adjustable height:** 34 to 84cm

**Under bed gap:** 13cm

**Back rest:** 75°

**Leg rest:** 12° manual cranks  
26° thigh section and 16° feet adjustment by manual cranks

**SWL:** 315kg (Mattress 30kg, Patient 270kg, Accessories 15kg)

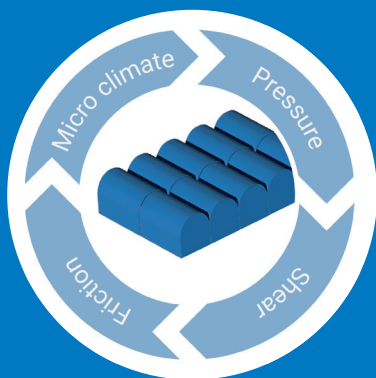
**Castors:** 100mm with brake without thread guard

**Standards:** IEC 60601-2-52 compatible with environments 1, 2, 3, 4 and 5



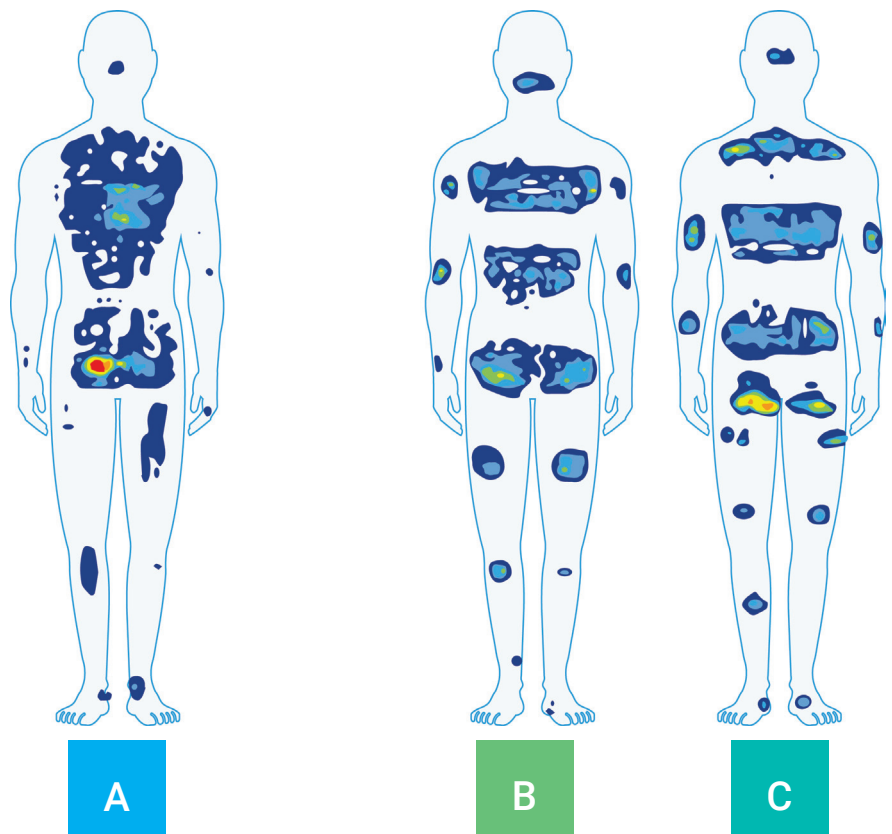
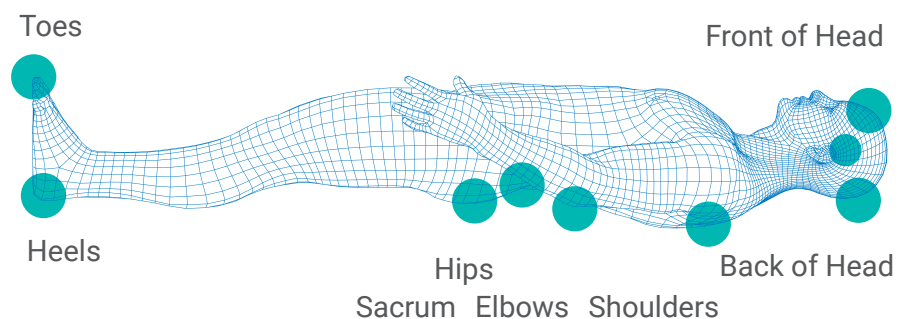
# DID YOU KNOW AROUND 5% OF PATIENTS IN ENGLAND ARE AFFECTED BY PRESSURE ULCERS?

Yet an estimated 80%-95% of these wounds could potentially be preventable.



WinnCare across Europe and the UK have for years been designing and manufacturing pressure relieving support surfaces to combat against problem pressure ulcers – improving care across a variety of settings.

Our vision is to provide support surfaces for clinicians so they can aid patients and above all improve patient outcomes.



A = Standard Mattress

B & C = Dynamic Mattress Axtair Automorpho Plus

# Mattresses

## Dynamic Mattress

### Pure Air 120

Pure Air 120 is our premium bariatric mattress, providing a smart, dual-therapy system for plus-size patients weighing up to 298 kg. Its offloading, pressure redistributing functions are ideal for heavier patients while ensuring patient comfort is maintained.

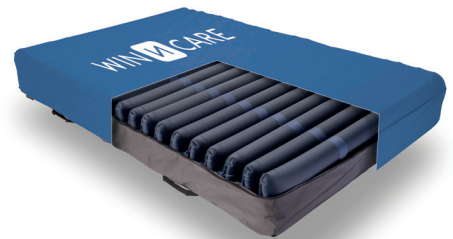


Product code: SM158

## Dynamic Mattress

### Cleveland Bari

The Cleveland Bari provides a dual therapy system for plus-size patients weighing up to 445 kg. It provides pressure redistributing functions, which when used in conjunction with clinical expertise will improve patient outcomes and comfort. This good value-for-money bariatric mattress can be used with patients presenting complex pressure wounds or as a preventative device. The transverse cell construction of 10 inch / 215mm dimensions, provides support when it's most required.

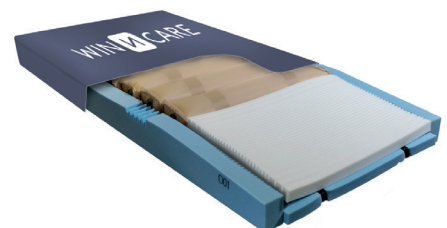


Product code: CLEV-142-2-ECO

## Hybrid Mattress

### Moray Combo

The benefits of a "hybrid" are naturally evident, transitioning from a very high-risk static mattress to that of a dynamic in a matter of seconds. The lower leg section of the mattress redistributes pressure from the heel to the upper leg (calve) and makes the product suitable for patients at very high risk of developing pressure wounds.

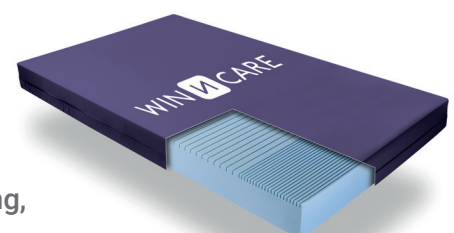


Product code: HER-COMBO-777  
Deluxe Version  
HER-COMBO-777-V

## Static Mattress

### Norfolk

The clinically proven Norfolk™ 120 pressure reducing mattress has been developed using the very latest combustion modified ether foam technology (CME). It's suitable for patients up to, and including, very high risk of developing pressure ulcers.



Product code: NOR-114



700,000\*

Patients at risk of pressure ulcers in 2012<sup>1</sup>



£1.4 - £2.2 billion

Overall annual cost of treating pressure ulcers at home  
and in hospital in 2011<sup>2</sup>



10 to 20 times

The economic cost of a stage 4 pressure ulcer is  
approximately 10-20 times higher than the cost of a  
stage 1 pressure ulcer<sup>3</sup>

---

[1] \*Annually. <http://www.practical-patient-care.com/features/featureppc-wound-care-costs-paul-trueman-smith-nephew/>

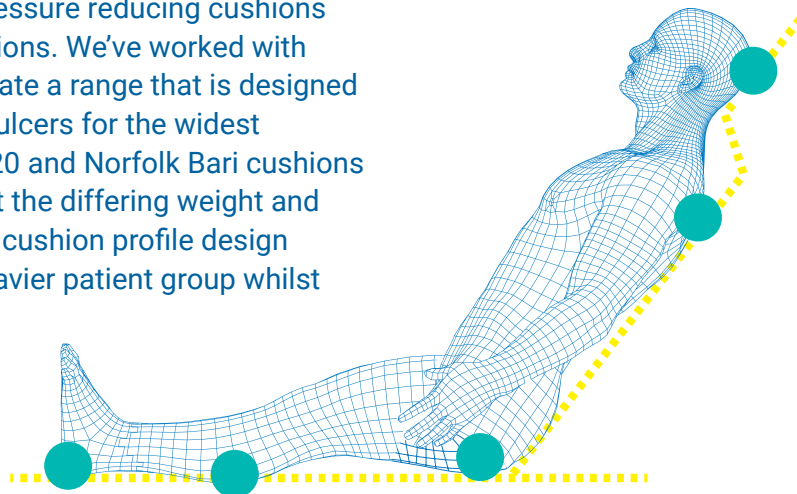
[2] NHS England

[3] <http://ageing.oxfordjournals.org/content/33/3/230.abstract>



# Cushion Range

At Winncare our range of specialist pressure reducing cushions include dynamic, static and hybrid options. We've worked with clinicians throughout our sector to create a range that is designed to prevent and help manage pressure ulcers for the widest possible range of users. Our Pure Air 20 and Norfolk Bari cushions have been specifically designed to suit the differing weight and body shapes of bariatric patients. The cushion profile design has been developed to support the heavier patient group whilst optimizing pressure re-distribution.



## Dynamic Cushion

### Pure Air 20

The Pure Air 20 pressure relief cushion sits at the top of the range. It's designed for patients who are susceptible to pressure damage or for those who already have tissue damage.



Product code: SM009

## Static Cushion

### Norfolk Bari

The multi-stretch, vapour permeable, high frequency welded cover ensures compliance with strict infection control policies, whilst safeguarding the skin integrity of the patient through a reduction in shear & friction forces.



Product code: NOR-141-CUSH

# LUNA CEILING LIFT & TRACKING SYSTEMS

The Luna system is used together with an overhead tracking solution to combine functionality and aesthetics, making it the ideal choice to meet the growing demands for safe patient handling in the ever evolving health care sector.

Bariatric patient handling tasks present unique challenges and increased risks to carers as patient bodies are not uniform, body shape and weight is unevenly distributed and there are no convenient handholds to grasp. Additional patient challenges that increase caregiver risks include pain levels, immobility, levels of sedation and lack of cooperation. Bariatric patients require more frequent repositioning than normal weighted patients to prevent pressure ulcers, avoid respiratory issues and assist wound healing. Mandating the use of equipment and having a documented bariatric handling policy has reduced carer injuries.<sup>1</sup>



[1] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7954428/>

# LUNA TWIN

- Up to 400 kg lifting load
- Flexible design: Two 275 kg lifts can be converted to a bariatric 400 kg lift in a few minutes. No tools needed.

## Key features

- Weight capacity of 200, 275 and 400 kg
- One Luna only weighs 6.7 kg (without spreader bar)
- Soft start - and stop-function
- Two handles for mounting the hoist
- Safety locking system with alarm
- The transfer cart has pneumatic tyres for quiet transportation
- Cleanable surfaces
- Easy and quick to service – it only takes a few minutes!
- All functions can be controlled through the hand control



**One single Luna Twin 275 kg**



**2 Lunas in 1 Twin 400 kg**

# 2 LUNAS IN 1 TWIN!

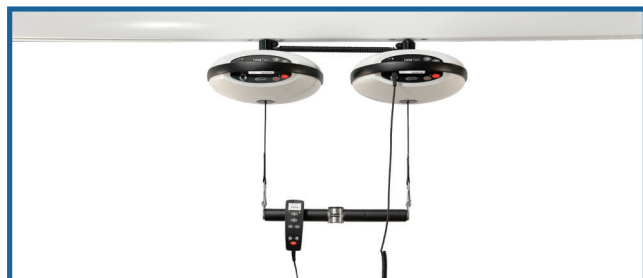
Here is how to go from 275 to 400 kg in 5 minutes using no tools!

1



- Attach the distance rod between the units.
- Mount the Luna units on the track and make sure that both straps are equal in length.
- Connect the twin cable to the units.

2



- Attach the distance bar on the straps.
- If needed, adjust the strap height with the hand control by pressing right or left.

3



- Attach the spreader bar with the quick lock system.
- Now you have a bariatric solution - quick and easy!

In the UK a person is three times more likely to fall in a nursing facility or hospital environment. The annual cost of falls to the National Health Service (NHS) is £2.3 billion, including emergency room visits, surgical intervention and ongoing rehabilitation.<sup>1</sup>

Nursing facilities regularly call on the ambulance service to lift their fallen residents, even though more than 45% are uninjured and do not require transportation onto hospital<sup>2</sup>.

Pressurised ambulance services, charged with reaching high priority calls within 8 minutes, are routinely put in the position of needing to classify uninjured fallen residents in care homes as low priority. This means residents are frequently on the floor for up to 4 hours or more while waiting for the ambulance to attend.

The length of time it takes to help a resident into a safe and upright (standing or seated) position can have a significant impact on their recovery and can lead to serious health complications and post falls syndrome, which can negatively impact the quality of life for residents and are potentially costly to the NHS.

**If you find someone who has fallen, then you can use the ISTUMBLE algorithm to determine an appropriate course of action.**

- I** Intense pain
- S** Suspected collapse
- T** Trauma to neck/back/head
- U** Unusual behaviour
- M** Marked difficulty in breathing/chest pain
- B** Bleeding freely
- L** Loss of consciousness
- E** Evidence of fracture

Once a decision has been made to lift the person, it is vital you use the correct lifting aids and manual handling techniques to lift the person. Manufactured in the UK, our inflatable lifting cushions are found on every emergency ambulance in the UK, saving NHS Ambulance Trusts millions in sickness costs associated with musculoskeletal disorders.



TRY THE  
**ISTUMBLE APP®**



(1) Health and Social Care Committee Residential care for older people in Wales December 2012

(2) National Audit Office, NAO.(2017). Health and social care integration. Available online from: <https://www.nao.org.uk/wpcontent/uploads/2017/02/Health-and-social-care-integration.pdf>



The Camel can be placed under a fallen individual and inflated gradually cell by cell. This allows carers to support the client posturally without having to manage the entire or majority of the patient's weight, reducing the risks associated to all parties. The Camel lifts up to 320 kg but has a backrest which enables the fallen person to sit back with stable support. This could be beneficial for someone with a large apron or pannus which could inhibit an upright sit.

## MANGAR Camel Lifting Cushion

The Camel Lifting Cushion will both sit up and lift a fallen person.

### EASY TO FIT

- Lifting cushion is inflated using an Airflo Compressor with a simple hand control
- Simple to use, requiring very little training
- Suitable for indoor and outdoor use
- Can be used independently or assisted

### SIMPLE TO MAINTAIN

- Clean using a proprietary non-abrasive mild liquid cleaner
- Easy to deflate, fold away and store in the carry bag provided
- Does not need a LOLER certificate
- The material is designed to exceptionally high standards with extraordinary durability, strength & performance in the toughest of environments

### SAFE TO USE

- Lifts the frailest person up to 320 kg from the floor
- Stable and supportive
- Ideal for carers of individuals with neurological disorders who fall regularly

### IMPROVES WELL-BEING

- Provides a safe, dignified lift for a fallen person
- Reduces the risk of musculoskeletal injury for the carer
- Individuals with a cognitive impairment are less distressed when lifted with a Camel
- The backrest gives additional support and is particularly suitable for bariatric patients

### TECHNICAL SPECIFICATIONS

Max user weight	320 kg
Max height	56 cm
Min height	Flat
Seat depth	47 cm
Total length	112 cm
Width	70 cm
Total product weight	6.5 kg
Back/headrest length	81 cm
Airflo Compressor	24
Lifting performance per charge	up to 4 lifts



"We are using the ISTUMBLE chart and Camel Lifting Cushion and they are working well at avoiding 999 calls for sure! We just had a chap have a seizure in Wentworth Lodge, – we were able to lift him with a lifting device – and although he did need hospital treatment anyway because of the length of seizure – the ambulance crew were very pleased he is up off the floor! – Who would have thought within one hour of the training we would be using it!"

Toby Stockton, Ty Draw Lodge Residential Home

# TALK TO OUR SALES TEAM

Our commercial team has many years experience and on a day to day basis will provide support for you and your customers. We will join you for face-to-face and virtual meetings, and deliver product demonstrations. Our dedicated, knowledgeable team are always on hand to offer technical support where required.

## Training

There is an online training portal which you can use to understand more about post fall management and the use of our inflatable products. In addition, our commercial team will provide in-depth training in person or virtually as needed.

## Warranties

The product warranty is given against defects in material and workmanship and comprises piece, parts and labour. The guarantee is not valid in the case of fair wear and tear, wilful damage, common neglect, misuse or unauthorised alteration or repair by unqualified persons. Note: Batteries are specifically excluded from this warranty.

## Servicing

To ensure optimum performance of your WinnCare device we recommend an annual service. We will provide service plans and price lists for associated parts.

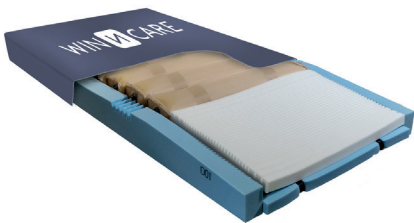
## Tailored To You

Please talk to us about your specific training and servicing needs, we are happy to put together a tailored plan for specific requirements.





WinnCare in the UK delivers innovative healthcare solutions backed by 70 years of British manufacturing experience.



[enquiries@winnCare.uk](mailto:enquiries@winnCare.uk)  
[winnCare.uk](http://winnCare.uk)

