

Paediatric Beds

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MEDICAL & MOBILITY

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NEW STANDARDS FOR CHILDRENS BEDS

The existing adult bed standard EN 60601-2-52 does not cover requirements for children and adults with smaller anatomies. The new EN 50637:2017 standard seeks to ensure safety for young & smaller patients who have higher risks of being entrapped in medical beds and cots.

EN 50637:2017 focuses on medical beds with both non-adjustable and electrical / mechanical adjustable functions, with an internal length of up to 180 cm. In line with the requirement of the mandate, it modifies and completes the existing standard EN 60601-2-52 'Medical electrical equipment – Part 2-52: Particular requirements for the basic safety and essential performance of medical beds'.

Definition of a Child & Adult Patients

A CHILD is defined in this context as a PATIENT who is equal to or less than 155 cm in height and weighs 70 kg or less.

An ADULT is defined as someone who is equal to or more than 146cm tall, over 40kg in weight & has a BMI over 17.

Key Highlights of EN 50637:2017

What is new or different about this standard?

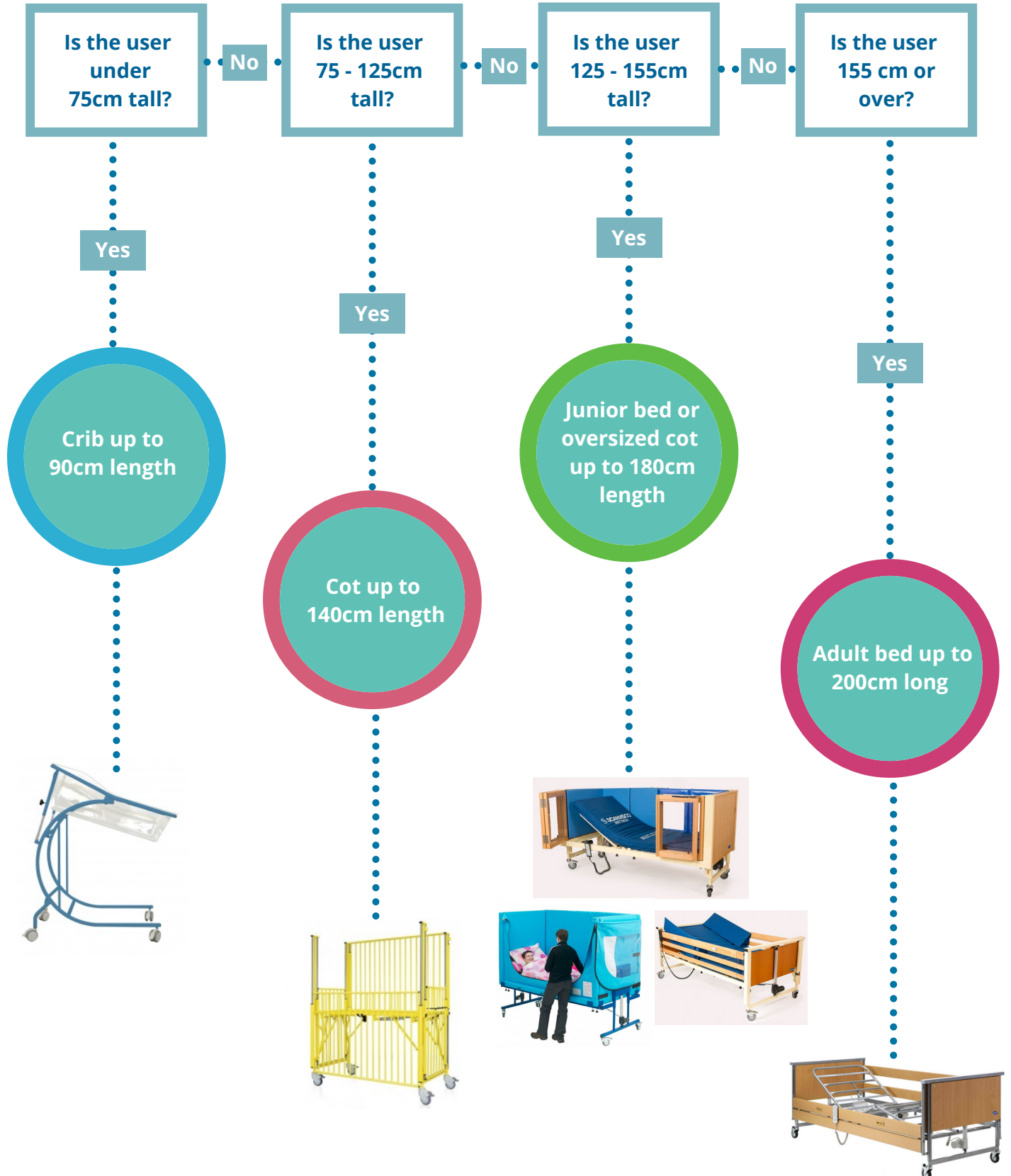
The EN 50637:2017 standard contains updates to EN 60601-2-52, mainly:

- lateral strength of side rails
- secure storage & lockout of handset
- extra precautions against strangulation & entrapment such as sizes of feed tube holes or loose cables that could get wrapped around a child's neck.
- labelling
- instructions & warnings

What or who does the EN 50637:2017 standard apply to?

- The new standard applies to cots and junior beds with an internal length of up to 180 cm suitable to a body length of up to 155 cm & mass < 70kg.
- It is not age related, so can include adults with smaller body anatomy.
- The limitation of 180 cm lying surface length is to reduce parents sharing beds with the child or the bed being used by an adult. However, if a bed can be used by both a child and an adult, e.g. length of 180 cm or 200cm, then it will need to conform to both adult EN 60601-2-52 and the children's EN 50637 standard.

CHOOSING THE *RIGHT BED*



CRIBS & COTS

HMS Vilgo X-Shaped Crib

This Crib has a Internal Dimension of 720 x 315mm, Has Manual Anti – Trendelenburg, Comes with a Mattress and Is available in a wide range of colours.



HMS Vilgo C-Shaped Crib

This Crib has a Internal Dimension of 720 x 315mm, Has Manual Anti – Trendelenburg, Comes with a Mattress and Is available in a wide range of colours.

HMS Vilgo Cot

The HMS Vilgo Cot is available in 2 sizes 150 x 60cm or 120 x 60cm, Manual Anti- Trendelenburg can be set in 5 different positions or angles, 2 or 4 drop down sizes, comes with it's own mattress and available in a wide range of colours.



CHILDRENS PROFILING BEDS

KALIN COT BED

The Pitchoune Kalin is a profiling bed for children, the bed is electrically height adjustable, electric backrest and independent leg rest and knee break function. Fitted with 4 braked castors as standard, it can also be fitted with an optional central braking system. The Kalin comes as standard with a pressure relieving mattress.



HMS Vilgo Junior Bed

The Junior profiling bed is an electrical homecare bed designed specifically for children, Platform size is 170cm x 70cm, height adjustable 29cm to 82cm, electric knee brake as standard and comes complete with a mattress.

ScanBed Alpha Junior

The ScanBed Alpha Junior is a new short four section profiling bed developed to meet the needs of the smaller adult and children but has all the features of a community bed, plus an integral bed extension. It has been specifically designed to accommodate the profiling required for children therefore maximising the potential for the backrest and knee break to be in the correct position when profiling.



Community Bed Junior

The Community Bed is a bed that complies with the Childrens and Adult Standards. The Junior version comes with a Junior Kit. Height range 220mm to 800mm.



FLOOR BEDS

FloorBed 1 Junior

FloorBed 1 Junior is suitable for service users of height 75 cm upwards. Ideal for users at risk of falling out of bed only 2.8" height. The head and footboard bumpers reduce impact and minimise the risk of injury. Built-in and lockable pocket for storing the handset securely to prevent tampering. Lifting range from 71 - 650mm.



FloorBed 2 Junior

FloorBed 2 Junior is similar to FloorBed 1 only it has a higher lifting range 71 - 800mm. Suitable for service users of height 75 cm upwards. Ideal for users at risk of falling out of bed only 2.8" height. The head and footboard bumpers reduce impact and minimise the risk of injury. Built-in and lockable pocket for storing the handset securely to prevent tampering.

HIGH SIDED BEDS

Impression Cot

The scan impression cot is available in 2 sizes, 170 x 70 and 190 x 90cm platforms and height of the sides are available in 60cm, 80cm or 100cm high.

The Impression cot is height adjustable, profiling backrest and Trendelenburg as standard, knee brakes are an optional extra.

The Impression cot comes in Blue or Pink as standard, other colours are available at an additional cost



Safespace Cosyfit

The Cosyfit is a robust high-sided sleep area, which can be easily dismantled and stored. Designed for individuals with limited mobility and is robust enough for adults and children who may rock, thrash about, push or kick. For those with the ability to stand, walk, pull to standing or climb, we usually recommend the Safespace. The Cosyfit also creates a safe environment for those who may otherwise be restricted to a wheelchair.



Safespace Cosyfit Hi Lo

Cosyfit Hi-Lo is a high-sided, height adjustable bed with Trendelenburg option. Designed for those who cannot stand, but who have the strength or capacity to rock, thrash, push or kick, and so need safer bed sides. It is used both in the home as well as in residential and care settings.

Safespace Siesta

The Siesta is designed for those who may have a lot of movement and strength, but are unable or disinclined to pull up or climb over the high sides. The customised design makes it suitable for those with complex or varying nursing needs and those requiring a hoist. It's robust 'flex-out' sides can be kicked, punched, head-butted or rocked against, and help keep a person safe from injuries and from falling against hard surfaces, for example during seizures.



Safespace Siesta Hi Lo

For those who require nursing care and the flexibility of a height-adjustable platform, the Siesta Hi-Lo provides a 41cms range of travel to raise the top of the mattress offering a comfortable working height for carers. There are no moving parts or hard surfaces inside the compartment, providing a soft, safe sleeping area.



Safespace Hi Lo

The Safespace Hi-Lo is a height-adjustable bed with flexible sides and a mesh ceiling. The flexibility of the Hi-Lo platform provides a comfortable working height for those providing care.

The soft sides of the Safespace Hi-Li provide a comfortable, safe environment in which someone can sleep without the risk of injury from hard surfaces or moving parts, providing peace of mind for parents and carers.



ROOM WITHIN A ROOM

Safespace Multipurpose Safe Room



The Safespace is designed for those with autism, epilepsy, behaviours which challenge and profound multiple learning difficulties, including those with full mobility. It provides an extremely robust space that can be kicked, punched and head-butted. It can withstand the roughest treatment by both children and adults. It provides a space in which someone can sleep, move, roll or play freely, reducing the risk of injury by eliminating hard surfaces.

TRAVEL BEDS

Safespace Voyager

Safespace Voyager is designed for users with behavioural difficulties and safety issues. The Voyager provides a safe, low-stimulation environment, in which a person can settle at night when away from home. The soft walls and floor mean there are no hard surfaces inside, reducing the risk of injury.



HIGHER PADDING FOR EXISTING BED

Sleep Safety System

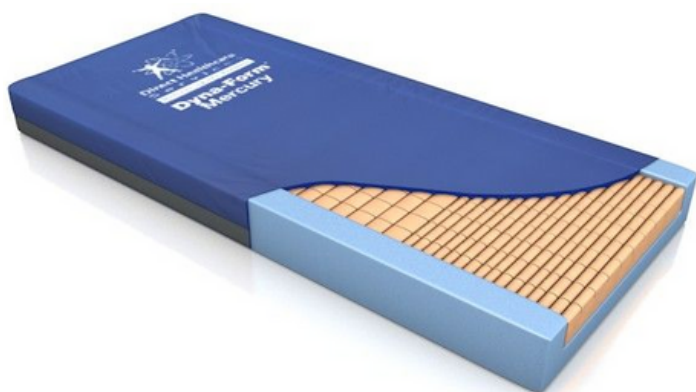
All Round High Performance Protection. The Sleep Safety System has all round 80mm thick walls. All four walls are connected with a base sheet, the mattress sits on top of the base sheet to prevent limbs falling through under the rails. Easy to fit. Made in wipe clean vapour permeable material, which can also be machine washed.



MATTRESSES

Mercury Mattress

Dyna-Form® Mercury mattress is suitable for patients at high risk of pressure damage. Comprising of a specialist "castellated cut" and blends of the finest quality Combustion Modified Ether foam (CME) this product provides not only the best pressure re-distribution properties, but great patient comfort & product longevity.



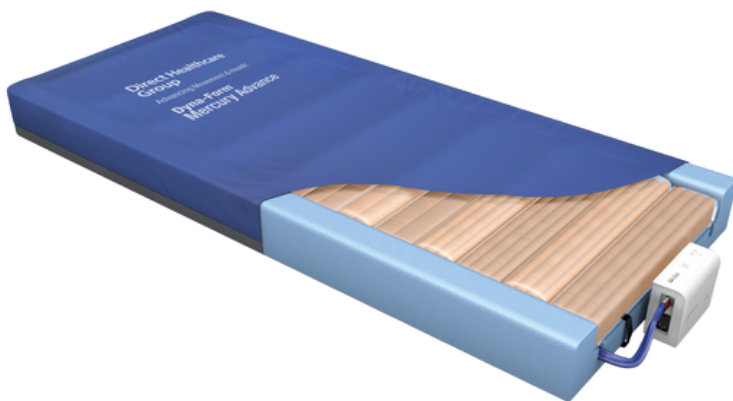
Safety 7 Mattress

The Dyna-Form® Mercury Safety 7 mattress is a Crib 7 standard surface which is fully sealed and designed to withstand deliberate or accidental damage, making it suitable for use in environments where challenging behaviour may be an issue. Designed for users considered to be at "High Risk" of pressure ulcer development,



Mercury Advance Mattress

The Dyna-form Mercury Advance mattress offers high levels of patient comfort. The mattress has a unique feature that allows it to be 'Upgrade' to a dynamic mattress when clinically required or 'downgraded' as the patients situation improves. These features make it particularly beneficial for use within the patient's home or palliative care environment and help reduce logistic and decontamination costs.



Pure Air 6 Paediatric Mattress

Pure Air 6 Paediatric alternating mattress is a specialised replacement mattress. It is designed to fit paediatric profiling beds and to give optimum therapy for children and the smaller adult. Suitable for patients up to, and including, very high risk of developing pressure ulcers or for those who have existing tissue damage.



The above mattresses are a select few examples of what we supply. We have a vast range available on our online store and we can custom make mattresses as required for specific beds.

CONTACT US

SPEAK TO A PRODUCT SPECIALIST



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