

How to **select** the right plus-size equipment



medstrom select

Defining Dignity for Plus-Sized Patients



medstrom select

For over a decade, Medstrom has transformed the rental market by providing flexible, responsive and cost-effective solutions. Our philosophy is and always will be to deliver a unique service, that is tailored to the needs of our customers and patients.

Together, with our experience and clinical focus, we are delighted to introduce a unique, one-stop-shop, bariatric rental service that considers the patients and caregivers, with financial packages to suit all budgets.

- **A choice of appropriate and clinically focused equipment solutions**
- **Nationwide delivery and rapid response**
- **24/7/365 clinical support and training via Clinical Advisors and Product Specialists**
- **Installation and technical support from qualified, DBS-checked technicians**
- **Accurate and ethical invoicing allows you to take control of your spending**
- **KPI reports to provide a transparent and collaborative partnership**

select patient dignity

select clinical support

select rapid response



select packages

Medstrom Select allows staff to easily select the right equipment at the right time for patients, dependent on their individual needs.

The carefully selected packages take into consideration every stage of a patient's journey in hospital - helping to support staff and defining dignity for plus-size patients. Overall, offering a proactive selection of equipment that stimulates mobility, addresses manual handling challenges and ultimately improve outcomes for both patients and caregivers.

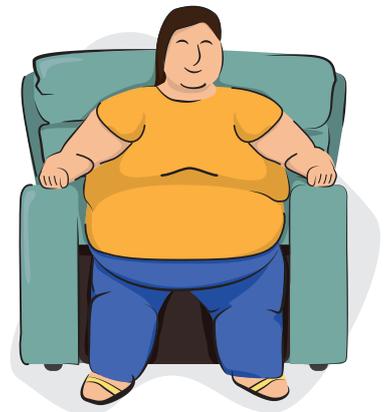
Mobile



Partially Mobile



Dependent



- Able to perform daily activities e.g. washing & dressing
- Able to reposition independently without assistance
- May need assistance with self-mobilisation i.e. a walking aid

- Partially able to perform daily activities e.g. washing & dressing
- Able to reposition independently but needs assistance
- Needs assistance with self-mobilisation i.e. a walking aid

- Needs a lot of assistance from caregivers for daily activities
- Able to weight bear but needs assistance with transfers

Highly Dependent



- Bed-bound and cannot perform daily activities
- Unable to independently reposition or assist with repositioning
- Able to be transferred without full dependence on caregivers

Critical Care



- In a critical care state, sedated and / or ventilated

select beds

MMO 8000

The MMO 8000 hospital bed offers a platform that will lower to an ultra-low height from the floor, a feature that offers several benefits to the patient and caregiver.

- A custom height setting can be programmed for the safe mobilisation of every patient.
- Ultra-low sleep deck height of just 21cm minimises risk of injury from falls from the bed.
- 'Safe Stop' backrest feature pauses at 30° and 45°, eliminating guesswork.
- The electric backrest lengthens as it articulates, preventing the patient from sliding down the bed and resulting in zero heel travel.
- Full cardiac chair position can be achieved using just one button, benefiting patient psychology and well-being.



The MMO 8000 is extremely comfortable and helped me to sit up by giving support to my feet due to the low position.

It is wide and provides ample room to move and turn comfortably. This bed has been a God-send!



**Patient Nursed on MMO 8000,
University Hospital Wales**

Technical Specification:

| | |
|-------------------------|--|
| Max Patient Weight: | 250kg / 39st |
| Safe Working Load: | 340kg / 53st |
| Bed Width: | 110cm |
| Height Range: | 21cm - 83cm |
| Mattress Compatibility: | P.R.O. Matt Plus Extra-Wide, Apollo Dynamic, TurnCair 1000 & Dolphin Therapy Extra-Wide |

Did you know?

Studies suggest that obesity is associated with a 25% - 31% higher risk of falling in comparison to non-obese counterparts.¹ Should an injury occur from a fall, studies suggest there is nearly a two-fold increase in the odds for developing cardiopulmonary complications or infections.²





Bari10A

The Bari10A offers a step-up in terms of bed platforms, ideally suited for higher acuity patients and those requiring more in-bed nursing care.

- The four sections of the bed can be individually width reduced, allowing safe, close access to the patient for nursing procedures.
- Simple nursing procedures become more achievable without the risk of caregiver injury and without patient anxiety.
- One button full chair position aids respiratory function and can improve patient well-being.
- The split side rail design offers a strong positioning aid and can be used to help independent repositioning in the bed.
- Can be used in conjunction with a weight indicator system.



Technical Specification:

| | |
|-------------------------|--|
| Safe Working Load: | 475kg / 75st |
| Bed Width: | 91cm - 122cm |
| Height Range: | 48cm - 86cm |
| Mattress Compatibility: | TurnCair 1000, Arise 1000, Dolphin Therapy Extra-Wide |

select surfaces

P.R.O. Matt Plus Extra-Wide

One of a kind, the P.R.O. Matt Plus Surface is 'not just another hybrid'. In non-powered mode, it offers semi-dynamic behaviour and enhanced pressure redistribution via its patented cell design.

The addition of the control unit provides powered immersion or alternating pressure therapy, allowing the use of one mattress for pressure ulcer prevention and treatment.

Technical Specification:

Max Patient Weight: 227kg / 35½ st
Dimensions: 107cm(W) x 203cm(L) x 17cm(D)



- Unique Pressure Redistribution Optimisation technology requires no manual inflation and ensures each zone remains optimally inflated.
- Replicates the surface pressure profile of a therapeutic air mattress in non-powered mode.
- Quick and simple step-up or step-down to meet clinical need.
- Works in synergy with the MMO 8000 to aid a patient's rehabilitation journey and facilitate easier and quicker mobilisation.

Apollo Bariatric Mattress

The Apollo Bariatric Mattress is a dynamic system that provides alternating pressure and continuous low pressure for clinical choice.

Technical Specification:

Max Patient Weight: 350kg / 55st
Dimensions: 107cm(W) x 200cm(L) x 20cm(D)



- Clear, modern and simple controls to reduce the need for complex training.
- A choice of alternating and continuous low pressure for clinical choice.
- Three comfort settings from soft, medium and firm based on patient preference.
- Self-sealing technology that can keep the mattress inflated for 8-12 hours in the event of power failure.
- Cable management loops, reducing trip hazards and reducing the potential of hospital acquired damage.



Arise 1000

The Arise 1000 is a fully integrated therapy system that combines pressure redistribution with low air loss in a sleep surface that expands easily in width and length offering more space for patient care, also ensuring the lowest possible pressures at all times.

- Suitable for both the treatment of existing pressure ulcers and for patients at risk from the complications of immobility.
- The low air loss technology helps to reduce a build-up of sweat and therefore maceration, assisting the maintenance of drier skin.
- Care rail air surround ensures safety, security and protection for the patients whilst on the bed platform.
- Autofirm offers a firmer surface to ensure safe manual handling and moving on the surface.

Technical Specification:

Max Patient Weight: 455kg / 72st
 Dimensions: 122cm(W) x 203cm(L) x 22cm(D)

TurnCair 1000

TurnCair 1000 is a low air loss therapeutic surface that incorporates an assisted turn facility, providing a range of turn time and angle settings to help caregivers turn a patient from side to side with no manual intervention.

- Facilitates easy manual handling by caregivers for personal care and position changes that can be carried out by one nurse.
- Continuous Lateral Rotation Therapy that benefits immobile patients at an increased risk of associated respiratory complications.
- Gentle, timed rotational cycle helps to mobilise secretions preventing them from pooling and becoming a focus for infection.



Technical Specification:

Max Patient Weight: 455kg / 72st
 Dimensions: 122cm(W) x 203cm(L) x 25cm(D)

Dolphin Therapy Extra-Wide

Dolphin Therapy is a reactive mattress system that simulates a fluid environment, enabling full immersion and envelopment and significantly reducing pressure, shear and tissue deformation.

It is being used extensively for the prevention of pressure ulcers in many hospitals across the UK, with outstanding clinical outcomes thanks to its unique ability to support compromised micro-circulation.

For complex and difficult-to-manage plus-sized patients, Dolphin Therapy Extra-Wide has also been evidenced to improve comfort, aid with pain management and improve concordance. Even when repositioning may be contraindicated, Dolphin Therapy has been shown to extend repositioning intervals compared with traditional dynamic mattresses.

Technical Specification:

Max Patient Weight: 248kg / 39st

Dimensions: 107cm(W) x 208cm(L) x 25cm(D)

Bolsters are provided when rented with the Bari10A bed frame to ensure size compatibility.



of patients placed on Dolphin Therapy for prevention did not acquire new skin damage.³



of patients with existing skin damage healed, improved, or remained static.³



of patients had their objective for improvement in comfort met.³



of patients had their objective for an improvement in concordance met.³



select accessories

Walking Stick or Walking Frame

- Heavy-duty steel frame for durability.
- Non-slip rubber feet and comfortable moulded hand grips make it incredibly stable for plus-size patients.
- Adjustable height ensures universal suitability.

Technical Specification:

Safe Working Load: 318kg / 50st
Height Range: 73cm - 96cm (Stick) or 74cm-82cm (Frame)
Frame Width: 77cm



Bariatric Commode

- Commode doubles as a shower chair.
- Washable seat and easy to disassemble for cleaning in line with infection control.
- Commode pan is easily slid in and out from the back.
- Foldable feet support for enhanced patient comfort.

Technical Specification:

Max Patient Weight: 350kg / 55st
Seat Dimensions: 79cm / 31" (W) x 55cm / 21½" (D)



Bariatric Rotunda

- Five locking positions ensures a safe and comfortable patient transfer at various angles.
- Removes the need for excessive manual handling and lowers the risk of injury to the carer.
- Provides a dignified transfer solution for the patient.
- Splayed handles mean suitability for wider patients.

Technical Specification:

Max Patient Weight: 250kg / 39st
Width: 70cm



Static Chair

- Extra-wide chair with a pressure redistributing seat to ensure patient safety and comfort.
- Adjustable height arm rests for patient comfort.
- Adjustable height chair, dependent upon the patient's popliteal height for safe mobilisation.

Technical Specification:

Max Patient Weight: 320kg / 50 st

Seat Width Choice: 71cm / 28" or 81cm / 32"

Seat Depth: 51cm / 20"



Riser Recliner Chair

- Rise function assists the patient with standing and sitting safely and easily.
- Waterfall back rest reduces shear & friction forces acting on patient, conforming during articulation.
- Heat welded seams and waterproof zips eliminate ingress for infection control.
- Colour-coded chair widths for easy identification.

Technical Specification:

Max Patient Weight: 320kg / 50 st

Seat Width Choice: 71cm / 28" or 81cm / 32" or 86cm / 34"

Seat Depth: 51cm / 20"



Tilt-in-Space Chair

- Flattens completely to facilitate lateral transfers.
- Adjustable wings and arms can be lowered or splayed for suitability with wider patients.
- Integrated gel seat cushion with lumbar and backrest air cell support.
- 4-way stretch fabric is moisture vapour permeable.

Technical Specification:

Max Patient Weight: 350kg / 55 st

Seat Width: 71cm - 81cm (28" - 32") width adjustment



Dynamic Seat Cushion

- Two width options to be compatible with both 28” and 32” static chairs.
- Alternating pressure therapy to support patients who wish to sit out in a chair.
- Simple and easy to use control unit.
- Portable for caregiver and patient convenience.



Technical Specification:

Max Patient Weight: 350kg / 55st
 Cushion Width Choice: 71cm / 28” or 81cm / 32”
 Cushion Depth: 51cm / 20”

| | Mobile | Partially Mobile | Dependent | Highly Dependent | Critical Care |
|-----------------------------|--------|------------------|-----------|------------------|---------------|
| Beds | | | | | |
| MMO8000 | 👤 | 👤 | | | |
| Bari10A | | | 👤 | 👤 | 👤 |
| Surfaces | | | | | |
| P.R.O. Matt Plus Extra-Wide | 👤 | | | | |
| Apollo Dynamic | | 👤 | | | |
| Arise 1000 | | | 👤 * | | |
| TurnCair 1000 | | | 👤 * | 👤 * | |
| Dolphin Therapy Extra-Wide | | | 👤 * | 👤 * | 👤 |
| Chairs | | | | | |
| Static Chair | 👤 | 👤 | | | |
| Riser Recliner | | | 👤 | | |
| Tilt-in-Space | | | | 👤 | |
| Accessories | | | | | |
| Walking Stick | 👤 | 👤 | | | |
| Walking Frame | 👤 | 👤 | | | |
| Dynamic Seat Cushion | 👤 | 👤 | | | |
| Bariatric Commode | | 👤 | 👤 | 👤 | |
| Bariatric Rotunda | | | 👤 | | |

👤 = Included within package

* = Selection based on patient requirements

References:

1. Associations between obesity and overweight and fall risk, health status and quality of life in older people. Feb 2014.
2. Obese patients who fall have less injury severity but a longer hospital stay than normal-weight patients. Jan 2016.
3. Based on Medstrom's 1000+ Patient Study for Dolphin Therapy.

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