StaminaLift
TS5000 & TS6000 Bed Movers
Key Benefits

Compatibility

The StaminaLift bed movers are compatible with 98% of all beds, including the MMO range, bariatric beds, stretchers and portable equipment. There is no need to change the attachment mechanism so there is no risk of losing valuable parts.

Easy to use

This simple compact design allows easy connection to a bed or trolley. The claw design adapts easily to different castor sizes and expands easily from 550mm to 890mm, capturing the product by the castors.

Easy to drive

Once attached the dual drive system gives 360° manoeuvrability and allows the porter to drive equipment up to 600kg with the TS5000 and 900kg with the TS6000 in weight with one thumb. The StaminaLift bed movers are incredibly intuitive to drive, with unrivalled manoeuvrability. They even tackle tight spaces and tight corners with ease. The optional remote control allows a single porter to operate the bed mover whilst being able to open doors.

A solution for even the longest corridors

The optional ride-on platform is designed to assist staff with the lengthy distances travelled during the movement of patient beds. It enables staff to stand on the platform whilst manoeuvring the bed mover with or without a bed attached.

Increased efficiency

The StaminaLift bed movers can deliver significant benefits to the efficiency of patient transportation. They will also enable a reduction in the number of porters required to move equipment where this is not contrary to hospital policy.

KEY FACT:
A single porter can travel 10 -15 miles a day.

Improved safety

The StaminaLift bed movers include a number of safety features including:

- Controlled uni-directional movement during use eliminates the potential for castors to disengage from the jaw mechanism which could lead to loss of control of the bed. This therefore ensures porter and patient safety.
- Automatically brakes when controls are released ensuring safety even on inclines
- Emergency stop button
- Emergency jaw bypass system allows override of jaw mechanism if there is insufficient battery
- Brake bypass overrides brake mechanism to allow freewheel in an emergency

Reduced manual handling risk

When using a StaminaLift the user adopts a more upright posture, which is maintained despite the different tasks performed e.g. turning a corner. In addition to the load-reducing effect of a more upright posture, the reduced muscular effort required in the lumbar region may result in lower incidents of lower back injury.

The Medstrom promise

To ensure the StaminaLift is fully able to meet your needs, we offer:

- fully supported demonstration at your premises by our highly experienced sales support team
- full site assessment
- full compatibility assessment with your equipment fleet
- comprehensive training of your portering staff
- 24/7/365 technical support and service
Reducing Manual Handling Injury

Each year in the UK alone, over 80,000 nurses injure their backs at work and 3,600 healthcare workers are forced to retire early. Across the healthcare sector, handling injuries account for over a quarter of all reported injuries to employees and the annual cost to the UK’s NHS of staff sickness, absence, and wasted training is around £400 million.

Porters move hundreds of beds, stretchers and other pieces of equipment every day. A single porter can travel 10 -15 miles a day, bending and flexing as they push and pull things along, around and into challenging spaces. The force needed to move a load can increase to over 10% of its total weight when taking into account uneven surfaces and slopes and of course there is an increasing population of obese patients in hospitals, with very high forces required to move them. Many other items require handling and pushing e.g. linen carts, catering trolleys, stretchers. All of this can put tremendous strain on a porter’s back for prolonged periods, making the risk of back injury a constant threat.

The StaminaLift TS5000 & TS6000 bed movers are the ideal solutions to help minimise manual handling injuries associated with moving even the heaviest beds and equipment.

KEY FACT:
Across the healthcare sector, handling injuries account for over a quarter of all reported injuries to employees and the annual cost to the UK’s NHS of staff sickness, absence, and wasted training is around £400 million.
Features and benefits

Compatible with 98% of all beds, including the MMO range, bariatric beds, stretchers and portable equipment.

Keyless controller ensures lost keys are not an issue. Safety lockout ensures against inappropriate use.

Automatically brakes when controls are released ensuring safety even on inclines.

The dual drive gives 360° manoeuvrability so the StaminaLift is able to cope with tight spaces and corners with ease.

Copes with up to a 7° incline with ease.

Emergency jaw bypass system allows override of jaw mechanism if there is insufficient battery.

Significantly reduces force required to move a bed, preventing lower back injury.

The adjustable handle aids manoeuvrability in tight spaces.

Brake bypass overrides brake mechanism to allow freewheel in an emergency.
Accessories

The ride-on platform is designed to assist staff with the lengthy distances travelled during the movement of patient beds. It enables staff to stand on the platform whilst manoeuvring the bed mover with or without a bed attached.

The remote controller assists the operator to guide the bed mover through doors which require to be held open in order to pass. The remote controller enables operators to control the machine from a distance of up to 2m.

The Inside-Out Jaws are designed to assist with narrower trolleys and wider bed wheel bases.

Jaw inserts allow the TS5000 to attach to beds with castors as small as 100mm diameter. This add-on can be easily attached or removed and makes the TS5000 and TS6000 even more compatible.
Technical Specification:

<table>
<thead>
<tr>
<th></th>
<th>TS5000</th>
<th>TS6000</th>
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<tbody>
<tr>
<td>Max load capacity</td>
<td>300kg lift, 600kg push or pull</td>
<td>450kg lift, 900kg push or pull</td>
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<tr>
<td>Jaw width capacity</td>
<td>550mm – 890mm</td>
<td>550mm – 1010mm</td>
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<tr>
<td>Dimensions:</td>
<td>In use: W 780mm x L 925mm x H 1220mm</td>
<td>In use: W 820mm x L 900mm x H 1225mm</td>
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<td></td>
<td>Handle folded: W 780mm x L 935mm x H 480mm</td>
<td>Handle folded: W 850mm x L 940mm x H 480mm</td>
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<tr>
<td>Max operating incline</td>
<td>7°</td>
<td>7°</td>
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<tr>
<td>Weight</td>
<td>160kg</td>
<td>200kg</td>
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<tr>
<td>Batteries</td>
<td>Sealed maintenance free gel batteries</td>
<td></td>
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<tr>
<td>Recharge</td>
<td>Nightly recharge recommended using supplied automatic charger</td>
<td></td>
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<tr>
<td>Warning device</td>
<td>Horn on control unit</td>
<td></td>
</tr>
<tr>
<td>Security</td>
<td>Electronic locking function to prevent unauthorized use</td>
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<tr>
<td>Wheels</td>
<td>Non-marking, suitable for indoor use on a variety of surfaces, including linoleum and carpet with or without cushioning</td>
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<td>Controls</td>
<td>Programmable, ergonomic joystick for control of direction, speed and jaw movement</td>
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<tr>
<td>Safety features</td>
<td>Automatic brakes/emergency stop button</td>
<td>Emergency jaw bypass system allows override of jaw mechanism</td>
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<td></td>
<td></td>
<td>Brake bypass allows override of brake mechanism</td>
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<tr>
<td>Motor</td>
<td>Two 24V DC electric motor and gearbox</td>
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<tr>
<td>Servicing</td>
<td>Every 6 months</td>
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