

Ease & Control™
StaminaLift® Bed Mover – 2100 Series



Muscular skeletal injuries resulting from bed pushing are expensive, disruptive, painful and – preventable. Transport patients with ease and control using the StaminaLift® Bed Mover.

Designed specifically for healthcare, the StaminaLift Bed Mover works with most commercially available beds. A patented locking-jaw lifts and grips the bed chassis, eliminating the need for manual attachment and providing positive braking for safe operation in all situations.

Eye Contact and Patient Care

Patients like the StaminaLift Bed Movers. Instead of pushing from the head of the bed, the StaminaLift attaches at the foot end. This allows the operator to maintain eye contact, to reassure a distressed patient or monitor an unstable one.

Key Features & Benefits:

- Prevents workplace injury
- Eliminates related workers' compensation costs
- Single-person operation puts nursing hours back into patient care
- Moves beds efficiently and with less fatigue and injury
- Moves and stops heavy loads with ease
- Reduces bed moving costs by up to 80%



“Patients panic less about being in a small space when I use the StaminaLift. Instead of leaving them facing the lift wall, I can give them a reassuring smile.”

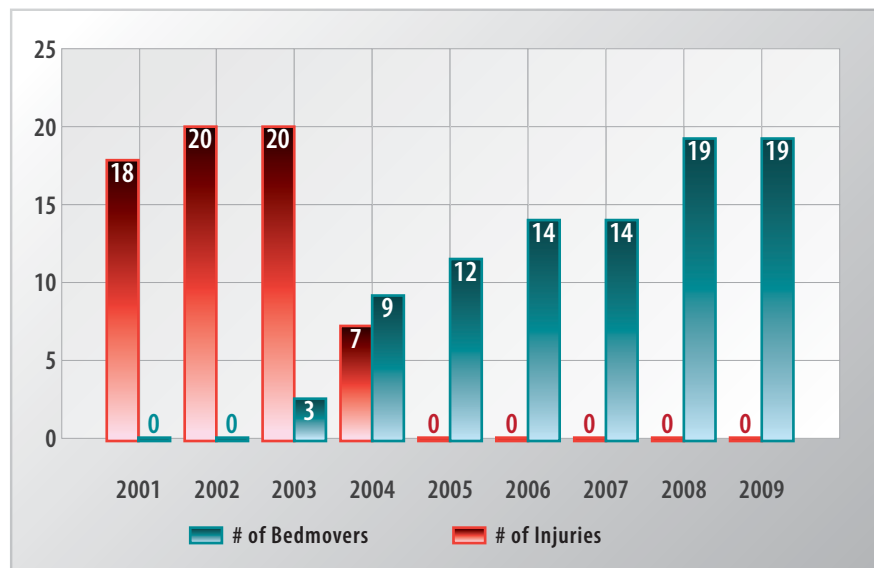
Richard Degenhardt, Orderly,
The Queen Elizabeth Hospital,
South Australia

Effortless Turning Tight spaces are no obstacle for the StaminaLift Bed Mover. Highly responsive dual drive motors put effortless turning at your finger tips for effective manoeuvring in tight spaces like lifts and single patient rooms.

Eliminating Injury In 2002 the Queen Elizabeth Hospital in Adelaide, South Australia recorded 20 bed pushing related injuries. Seeking to solve the related problems of staff fatigue, injury and absences, Senior OHS Advisor, Eric Hofmanis, introduced StaminaLift Bed Movers. By 2005, nearly all bed moves were performed using a StaminaLift Bed Mover and the injury rate had fallen 100%. This zero injury rate has been maintained for five years (as of 2010 when StaminaLift Bed Movers are used to move or transport beds).

Injuries Decline with Increased Use of Bed Movers

Bed moving injuries at The Queen Elizabeth Hospital were reduced to zero following the introduction of StaminaLift Bed Movers.



Doing More with Less Fatigue

With the increase in single rooms and other improvements, hospitals are becoming larger. Simultaneously, greater efficiency and productivity are required.

Many hospital orderlies perform more than 30 bed moves a day over an average distance of 15 km/9.3 miles. To avoid disrupting high thru-put bottle-necks such as radiology and theatre/OR, this pace must be maintained consistently throughout each shift.

The StaminaLift Bed Mover takes the effort out of bed moving, enabling staff to work more consistently, efficiently and with less fatigue and injury.

Powerful Enough for Bariatric Uses

Stopping a heavy load is often harder than moving one. The StaminaLift Bed Mover's powerful dual drive motors combined with the unique attachment method provide moving, and most importantly, stopping power for up to 500 kg/1100 lbs – making it ideal for bariatric patients.

"Following purchase of our first two StaminaLift Bed Movers we noticed immediate benefits for both staff and patients. Our Support Services Attendants (orderlies) reported fewer injuries and aches and pains normally associated with pushing beds, barouches and heavier loads over an eight hour period. No bed pushing injuries have been reported for the work group in the past three years and bed moving efficiency has improved by 40% (time required to move a bed reduced from an average of 22 minutes to 13 minutes). Noticing the increased efficiency and safety, staff soon wanted to use the bed movers for all patient moves and we purchased three more StaminaLifts. We have found training to be quick and simple and the movers reliable."

Dawn Molineux, Facility Services Manager, ISS Australia, Lyell McEwin Hospital, South Australia

How does it Work?

The StaminaLift Bed Mover is powered by two variable drive DC electric motors that provide smooth operation and ultimate manoeuvrability. A joystick control provides effortless one-handed operation. To attach to a bed, drive up to the bed foot-end, set the control to lift, push the joystick forward until the locking-jaw connects and grasps the bed chassis, and then switch back to drive mode. In just a few seconds, you have full control of the bed for manoeuvring and moving.

"Staff used to finish the working week exhausted and often injured. Now with the StaminaLift movers, there are no more injuries and the staff are happy."

Eric Hofmanis, Senior OHS Advisor,
The Queen Elizabeth Hospital,
South Australia



Ease & Control

Hands-free Attachment

Means no awkward bending and reduced cross contamination risk. The StaminaLift Bed Mover locks on to the strongest part of the bed, providing a secure connection to most commercially available hospital beds.



Ergonomic

The programmable ergonomic joy stick control provides intuitive 360 degree movement at the touch of a finger. For safety, input is required for movement. Controls include: direction, speed, attachment and emergency shut-off.



500 kg/1100 lbs in Control

The StaminaLift is designed and powered to move and most importantly - to stop heavy loads. Custom solutions are available for loads greater than 500 kg/1100 lbs.

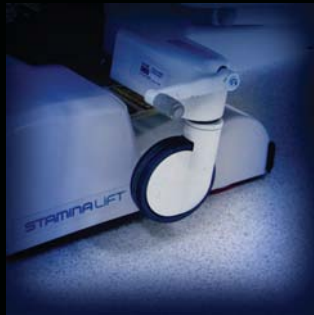


Smooth & Quiet Operation

Provides smooth movement and easy control for patient and operator comfort. Travel speed from slow to a brisk walking pace with minimal sound for unobtrusive use day or night.

Positive Braking

Once connected, bed wheels are slightly lifted to provide positive braking for control in any situation including: inclines, declines, carpet, padded flooring and flooring lips.



Powerful Rechargeable Batteries

Powerful, deep cycle, sealed, rechargeable batteries provide eight hours plus operating time to ensure that the movers never run out of power mid-shift. The automatic charger includes a safety pin feature to prevent accidental drive-off during charging.



360 Degree Movement

Dual drive motors provide precise control and effortless manoeuvrability in tight spaces such as lifts, corridors, single patient rooms and busy wards. The StaminaLift bed mover is capable of turning beds in their own length.



Compact

The StaminaLift Bed Mover's compact footprint makes it ideal for use in busy areas. The mover is streamlined for convenient storage and has no protruding parts that might injure a passer-by.



Traction

The powerful motors combined with the lifting action of the attachment mechanism provide traction on hard and soft floor surfaces including: carpet, linoleum and even concrete.



Easy cleaning

Smooth lines enable easy cleaning for use in sensitive areas such as theatre/OR.



Technical Specifications

Max load capacity	250 kg/550 lbs lift and 500 kg/1100 lbs push
Max incline capacity	7 degrees
Weight	90 kg/198 lbs
Dimensions	W 500 mm x L 800 mm x H 1100 mm/W 20 in. x L 31 in. x H 43 in.
Batteries	Sealed maintenance free batteries
Recharge	Nightly recharge recommended using supplied automatic charger
Warning device	Button on bar next to joystick
Security	Electronic locking function prevents unauthorised use
Wheels	Non-marking, suitable for indoor use on a variety of surfaces including linoleum and carpet with or without under padding
Controls	Programmable, ergonomic joystick (input required for movement) Direction, speed and attachment
Safety features	Input required for movement Emergency shut-off button Safety pin to prevent drive off during charging Horn (warning device)
Motor	Two variable drive DC electric motors
Servicing	Annually

Standards Compliance & Testing

The StaminaLift Bed Mover, 2100 series is compliant with the Medical Devices Directive 93/42/EEC, IEC 60601-1:2005(Ed 3) and tested to IEC60601-1:1988(Ed2) and AS/NZS 3200.1.0:1988. T&CA Certificate Reference No. 47879.4FX5.



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