

The market leader in hospital bed movers



Improving the lives of
healthcare professionals.


RIHA Industries

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With years of experience in the healthcare field, RIHA Industries was founded with two primary goals: To reduce healthcare workplace injuries caused by pushing heavy objects, and to find innovative ways to connect our battery powered machines to nearly any globally available bed, stretcher, or trolley.

Since then, we have focused exclusively on developing and improving bed and trolley movers – specifically, StaminaLift. Our goal is to create a system that is easy to use and proven to reduce hospital workplace injuries worldwide.

All our products and accessories are designed with people in mind. With StaminaLift, your medical facility will experience a dramatic reduction in injuries, leading to improved morale, increased safety and better outcomes for both your team and your patients.

Improving the lives of healthcare professionals

On any given workday, healthcare professionals move beds an average distance of 15km – reaching up to 75km during a typical week. With a patient, standard hospital beds can weigh up to 500kgs.

Hospital workers are constantly lifting, bending, pushing and pulling, which often results in sprains, musculoskeletal injury, fatigue, lost worktime, and inefficiencies if additional staff are needed to assist with patient transport.

The StaminaLift Transfer System reduces healthcare workplace injuries by making bed transport easier and safer for both caregivers and patients.

The Australian-made, technologically advanced TS5000 is unlike any other hospital bed mover. It's designed to attach seamlessly to nearly all beds, stretchers, or trolleys, is operated by a simple joystick control, and offers a 360° turning radius for increased manoeuvrability in confined spaces.



STAMINALIFT®

Why StaminaLift?

With a range of choices available on the market, why choose StaminaLift bed movers for your healthcare team?

Unmatched compatibility

Compatible with most global hospital beds and patient transfer devices, through fully patented attachment mechanisms.

Simple operation

Full user control and operation with a simple joystick, eliminating the need for heavy lifting and manual steering.

Personalised drive programs

Three different drive programs per bed mover that can be tailored to individual users' preferences.

Custom modifications

Tailor your bed mover to meet your unique requirements with options like a ride-on platform, lithium batteries, and an integrated battery charger.

Enhanced safety and transport

Purpose-built accessories specifically designed to accompany the StaminaLift movers, further enhancing transport and safety.

FDA-registered

The only bed mover that is FDA-registered in the US.

Australian-made quality

Made in Australia, giving you better quality control, convenient service, online and phone support, and all parts shipped within 24 hours.

Statistics from a large South Australian hospital indicate that, with the help of StaminaLift, injuries resulting from moving hospital beds reduced from 20% to zero in just two years.



StaminaLift Bed Movers



Transfer System 5000

The TS5000 is our most advanced and popular model, compatible with 95% of all hospital beds. The TS5000 is ideal for most hospitals and caregivers, and has optional accessories such as a ride-on platform, an integrated battery charger and an oxygen bottle holder.

Single-person operation

Reduces the need for extra transport staff.

Unmatched compatibility

Patented attachment mechanism ensures compatibility between the machine and hospital beds.

Ergonomic joystick

Fully programmable for easy control of direction and speed.

Bluetooth connectivity

Includes an advanced battery monitoring and diagnostic system.

Customisable drive programs

Three different drive programs so you can tailor to different users' needs.

Adjustable 'jaws'

Attaches to the wheel of the bed and fits most common wheel sizes.

Outstanding manoeuvrability

360° turning radius and adjustable handle – perfect for tight spaces and corners.

Sleek design

Fits underneath beds once connected, saving space and reducing tripping hazards.

Automatic braking

Engages upon joystick release for safety.

Emergency features

Includes jaw and brake release features.

Quiet operation

Operates at 65 dB.

Safety & security

Key-only operation access and lockout controls.

Key technical specifications

Max load capacity

300kg lift

600kg push or pull

Max operating gradient

7°



Bariatric Transfer System 6000

Our TS6000 model is designed for bariatric and acute care beds and can smoothly transport nearly a ton of weight up a 7° incline under full load, a capability unmatched in the healthcare industry.

The ingenious design of this model eliminates the need for bending or strapping, addressing health and safety concerns and reducing the need for additional staff.

The TS6000 offers all the latest features of our TS5000 model, including joystick control, Bluetooth connectivity, 360° turning radius, and safety and security features.

Key technical specifications

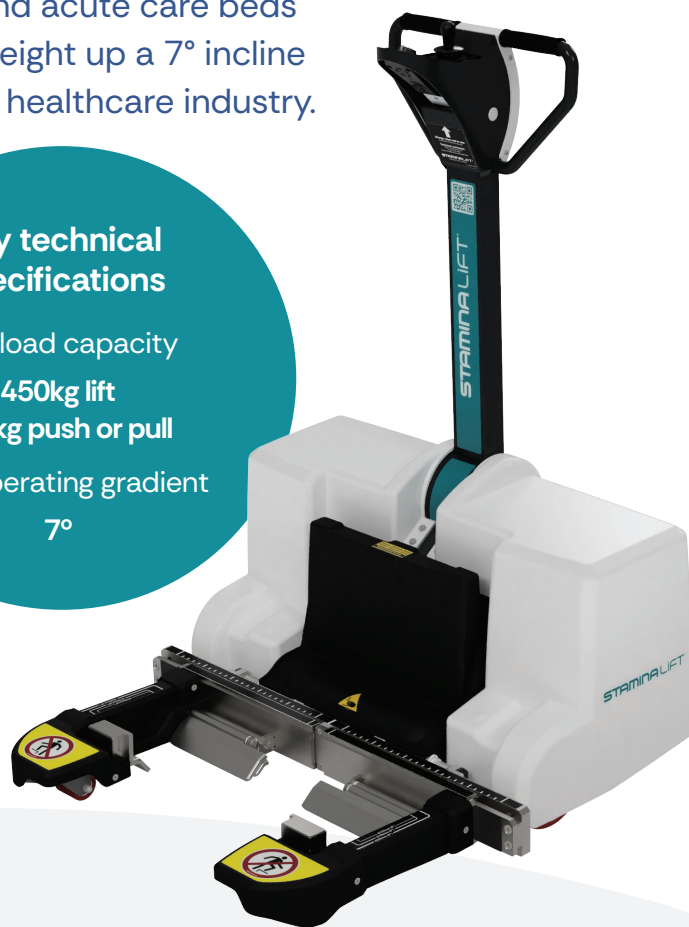
Max load capacity

450kg lift

900kg push or pull

Max operating gradient

7°



StaminaLift 2100

Like the newer StaminaLift TS5000, our original StaminaLift 2100 bed mover provides outstanding manoeuvrability and hands-free bed connection.

Simple connection and very easy to use

Offers all the latest features of our TS5000 model, including joystick control, Bluetooth connectivity, 360° turning radius, and 3 drive programs to choose from

Ideal for Australian manufactured beds found throughout Australian and Hong Kong hospitals



StaminaLift Accessories

Ride-on Platform

The Ride-on Platform enables staff to stand on the platform whilst operating the TS5000 or TS6000 – with or without a bed attached – reducing the distances staff need to walk during the movement of patient beds in a day.

Folds up when not in use to save space

Ideal for larger facilities



Integrated Battery Charger

Our StaminaLift fully integrated battery charger allows you to recharge the TS5000 at any power socket, helping you avoid dangling cables that can get in the way and create tripping hazards.

Includes a retractable charging cable

Compact, safe charging solution

Downloadable app allows users to recharge the battery, as well as check the charging cycles and battery gauge

Oxygen Bracket

Our oxygen bottle bracket can be attached directly to our StaminaLift bed movers.

Different size holders available to suit all oxygen bottle sizes

Attach to the foot or the head of the bed

Aluminium attachment blocks allow operator to easily attach and remove

Adjustable angle as needed

Lithium Battery

A popular upgrade option, lithium batteries can boost your StaminaLift performance by up to 20% over conventional batteries. Lithium batteries require less frequent charging and have shorter charging cycles, making them a convenient choice for busy teams.

Upgrade to improve performance and charging

Reduces maintenance cost and lasts longer than other batteries

Available for the StaminaLift 2100 as well as the TS5000

Extended Rack

Designed for the StaminaLift TS5000, the extended rack increases the mover's jaw opening width, making it possible to attach to beds with a wider wheelbase (such as bariatric beds).

Easi Rider & Easi Mover

With the ability to move up to 1500kg of equipment such as linen and meal trolleys, as well as other large medical equipment, the Easi Rider and Easi Mover tugs offer exceptional manoeuvrability and towing capacity.

Designed to be used in a wide variety of settings, they help eliminate the risk of straining muscles when moving heavy equipment. Additionally, the Easi Rider includes a built-in, ride-on platform, to further reduce the physical burden on healthcare staff.



Compact design with 360° turning radius

Same joystick-style operating system as our StaminaLift TS5000 bed movers

Adjustable hitch attachment helps navigate floor imperfections and elevations with ease

High-quality heavy gauge steel with four wheels giving stability thanks to robust construction

Bluetooth connectivity

Safety features including auto braking and emergency stop

Keyless control and safety lockout to prevent unauthorised use

Fast service and replacement parts if needed

Hitches

Our patented, adjustable hitches for the Easi Rider and Easi Mover offer unmatched compatibility and configurations. We are also able to make modifications when desired, giving you maximum options for manoeuvring your equipment. Options include:

Pin Hitch

Ideal for linen and meal trolleys, hinged tow bar trolleys, wheelie bins, store trolleys and other trolleys with a round or square tube frame.

Adjustable Hitches

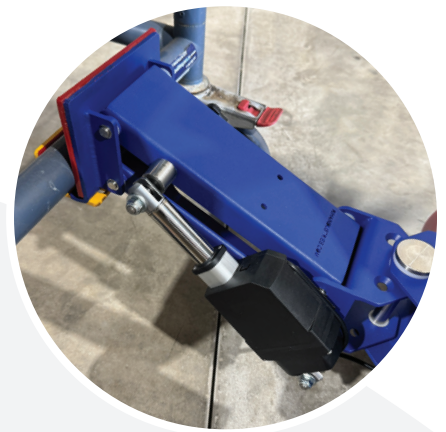
Fully patented, our adjustable hitches are foot-operated, fit a large volume of different trolleys and can be customised very simply.

Electric Adjustable Hitch

Offers adjustable heights for the Easi Mover with the push of a button, eliminating manual handling. Enables both vertical and horizontal movement.

Coupling System

Permits the exchange of different hitches by the operator without the use of tools.



Service & Support

RIHA Industries offers national service coverage in Australia. All products are fully supported and parts can be shipped worldwide within 24 hours.

Spare and replacement parts are available on our website – and you can even use our 3D viewer online to assist with basic, in-house servicing and part replacement in the event you need urgent assistance.

Contact Us

Contact RIHA Industries today to learn more about our StaminaLift solutions and find out how we can help you reduce injuries and improve outcomes for both staff and patients.

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