

# StaminaLift® 5000 Transfer System

## MULTI-PURPOSE INJURY PREVENTION

Designed and proven to prevent injuries related to equipment moving.

### Features:

- Universal compatibility
  - Designed for global hospital be compatibility
  - Accomodates many stretchers and speciality beds
- Adjustable Jaws suit:
  - Wheel base width: 550mm to 840mm
  - Castor sizes: Ø125mm to Ø200mm (single and double)
- Jaw bypass - releases bed in an emergency
- Brake bypass - allows free wheeling in an emergency
- Adjustable handle to suit operator height
- Unique patented technology
- 600kg Safe Working Load (SWL) Bed and patient combined weight
- Automatic braking
- Dual drive 360 degree movement
- One person operation
  - Hands free connect and lock
  - Fingertip control
  - No muscular strain
- Safe operation on inclines up to 7°
- Battery charger suits 120V and 240V AC supply
- Works on all indoor surfaces
- Keyless control with safety lockout
- Quiet Operation: 65dB



# StaminaLift® 5000 Transfer System

## What are the workplace safety concerns addressed by the StaminaLift® 5000?

- Hospital staff pushing beds, stretchers and equipment on average 15-20km per day
- Bed and patient weight totals are increasing
- Concern for staff availability and morale

## Will the StaminaLift® 5000 work with all beds and equipment?

The universal feature of the 5000 is designed to work with most standard beds in the global market. It will also work with most stretchers, trolleys and bariatric beds.

## How does the StaminaLift® 5000 attach to equipment?

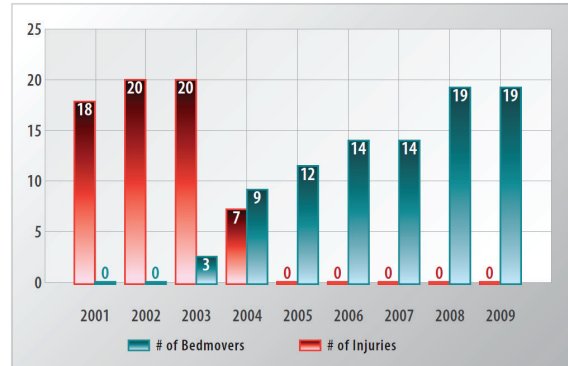
The patented StaminaLift “Connect & Lock” jaw assembly safely grabs and lifts the castor assembly at either the foot or the head end of the bed, adding only 180-200mm length to most standard hospital beds.

## References

1. Queen Elizabeth Hospital, Injury Prevention and Management Department, 2009. Data on file.
2. Gunther P, Daniell N, Gall P, Galindo H, Cottrell G. Project report: Operator strain study. September 2010. Flinders University Medical Device Partnering Program.

## How will StaminaLift® make a difference?

**Injury elimination** – following introduction of StaminaLift bed movers at the Queen Elizabeth Hospital (South Australia) bed moving injuries were reduced to zero.<sup>1</sup>



**Requires minimal muscle activation and improves posture** – according to results of a study undertaken by the Flinders University Medical Device Partnering Program.<sup>2</sup> The study compared the dual drive StaminaLift machine with a single drive machine and manual pushing. The StaminaLift mover was found to require significantly less muscular effort, particularly in the muscles of the lumbar spine.

## Technical Specifications

Max load capacity	300 kg lift and 600 kg push or pull 660 lbs lift and 1320 lbs push or pull
Max operating incline	7 degrees
Weight	160 kg/352 lbs
Dimensions (L x W x H)	In Use: 780mm x 925mm x 1220mm - (31in. x 35in. x 48in.) In Storage: 780mm x 935mm x 480mm - (31 in. x 37 in. x 19 in.) Shipped: 852mm x 1051mm x 605 - (34in. x 41in. x 24in.)
Batteries	Sealed maintenance free GEL batteries.
Recharge	Nightly recharge recommended using supplied automatic charger
Warning device	Horn (warning device) on control unit
Security	Electronic locking function available, refer to operators manual
Wheels	Non-marking, suitable for indoor use on a variety of surfaces
Controls	Programmable, ergonomic joystick for control of direction, speed and jaw movement
Safety features	Automatic brakes / Emergency shut-down button Emergency Jaw release – allows override of lowering mechanism Emergency Brake release – allows override of brake mechanism Safety features to prevent unauthorized use
Motor	Two variable drive DC electric motors
Servicing	Semi-Annual