aidacare™
HEALTHCARE EQUIPMENT



Clinical Assistance Guide

Aidacare A150 Aluminium Folding Lifter

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Aidacare A150F Aluminium Folding Lifter

The Aidacare A150F is a lightweight and portable folding patient lifter designed for home and community environments.



Extended Position



Lowered Position



Collapsed Position



ACCESSORY
Inline Weigh Scale
LSS390680

FEATURES

Folds for Transport and Storage	Folds quickly and conveniently for storage or transport in the boot of the car
Ergonomic Handset	The latest slimline technology from Linak fits neatly in the hand with an intuitive control panel. Battery and service indicator lights assist with service scheduling
Off Set Leg Design	Provides additional accessibility around chairs and furniture in the home
Quick Release Yoke Attachment	One touch release and attach mechanism, designed for the busy caregiver. Padded yoke for added patient safety
Build Quality	Strong powder coated aluminium frame with industry leading Linak electronics and warranty provision
Leg Function	Simple foot operation to open or close legs for lifting stability or accessibility
Safety	Critical features include emergency stop button, emergency lowering and anti-entrapment technology, with both patient and caregiver safety at heart
Intelligent Diagnostic	State of the art Linak Jumbo Care control system. Tracks usage and service requirements for safety and compliance
Tente Castors	2 x 75mm front castors for maximum under bed clearance and accessibility. 2 x 100mm rear locking castors for safety and manoeuvrability
Hoist Weight	32.9kg
Safe Working Load (SWL)	150kg

IDEAL USER CONDITIONS

- People who are unable to support themselves during standing to enable transfer between bed, chair or other equipment. They may be non-weight bearing; inconsistent with safe standing transfers due to physical and or cognitive conditions, or unable to use a slide board
- People requiring full hoist assistance for transfers to/from a lying position
- People who fall frequently within their home and require a hoist to assist with a lift from the floor
- Formal and informal carers who require a mechanical aid to assist with safe transfers
- Children and parents/carers who wish to enable floor play with a child who requires hoist assistance
- Hoist users who require a portable hoist for holiday or travel use

Considerations for Use

- Hoist users need to weigh less than the safe working load of 150kg
- The Lifter is not designed as a transportation device. **DO NOT** use the lifter as a means of transportation over distances in excess of 3 metres. If the hoist user needs to access facilities at a distance, wheelchairs, mobile shower commodes or ceiling hoists are recommended.
- Store properly – When not in use, it is important that mobile hoists are properly stored to prevent them from becoming an obstruction and falls risk. The hoist is best stored out of the way, in a place where it easy to access and with a power point nearby to enable the battery to charge.

CLIENT OUTCOMES

Improved Safety for Transfers

To/From Bed to Chair/Wheelchair/Mobile Shower Commode

- As this is one of the most common lifting needs for most hoist users, comfort, safety and security are essential.

To/From Floor

- Being able to safely lower and lift a client to/from the floor enables the client to engage in activities on the floor e.g. a child wanting to play with toys on the floor or engage in prone lying during an activity.
- For the client who has fallen within the house, a floor hoist with a sling supporting the entire head and body can enable safe lifting of the client (once assessed as safe to do so).

Carer Support

- Reduced manual handling risk to carers
- Improved sustainability of formal and/or informal supports.
- Formal supports may require use of a mechanical lifting aid and 2 people to assist with transfers to meet the provider's manual handling policy.

Travel Support

- The A150F Lifter folds quickly and conveniently for storage and transportation.

SPECIFICATIONS

Product Code	LSS390600	Under Base Height	72mm
Safe Working Load (SWL)	150kg	Maximum Overall Height	1873mm
Base Length	1280mm	Front Castor Diameter	75mm
External Base Width	660 – 1040mm	Rear Locking Castor Diameter	100mm
Internal Base Width	580 – 950mm	Turning Diameter	1365mm
Base Width Adjustment	Manual	Weight of Heaviest Part (Base Assembly)	32.9kg
Base Height / Under Bed Clearance	133mm	Handle Height	1170mm
Minimum Height of Spreader Bar **	428mm	Sound Level	<40Db@ 1m
Maximum Height of Spreader Bar **	1640mm	Electrical Approval	EN 60601-1-2:2007 EN 61000-3-2:2006 EN 6100-3-3:2008
Product Weight	32.9kg		

WARRANTY

5 YEAR WARRANTY Frame

3 YEAR WARRANTY Electronics

1 YEAR WARRANTY Batttery & Handset

COMPLIANCE

AS/NZS ISO 10535:2011

CHARGING THE BATTERY

- The A150F Folding Lifter is supplied with a LINAK external wall mount charger and is compatible with standard Australian power outlets.
- Remove the battery pack from the lifter and charge whenever possible, to maximise battery life.
- Never allow the battery to fully discharge before recharging. Allowing batteries to fully discharge can reduce the useful life of the battery.

MAINTENANCE

To prolong the working life of the lifter and for trouble free operation it is recommended that periodic inspections should be performed routinely by a person who is suitably qualified and well acquainted with the design, use and care of patient lifters. If inspection reveals that the safety of the lifter is jeopardized in any way the lifter should be **IMMEDIATELY WITHDRAWN FROM SERVICE**, tagged as such and the owner notified.

Maintenance Guide and Check List

- Check castors are fastened securely to the frame
- Castors should run and swivel smoothly – if hair or other fibres have built up within the castor this should be removed
- Check that the brakes on the rear castors function normally
- Clean surfaces with a pH neutral detergent – chlorine and phenol based detergents should not be used as these may damage lifter components
- All moving parts and pivot points should be checked for fatigue and lubricated if necessary
- All electrical components should be checked for normal function including battery and battery charger.
- Inspect all cables particularly the mains power cable on the charger for any damage; replace if any signs of damage or wear are visible.
- The actuator shaft should only be wiped with a cloth. **DO NOT** lubricate.
- Clean the actuators, control box, charger, battery and handset at regular intervals to remove dust/dirt.

As a minimum a full service should be completed every 6 months and the load test every 12 months to maintain warranty. Electrical test & tag – where lifters are in use in a commercial environment then the testing regime applied should align with the risk assessment made by the owner for safety and other compliance requirements. To maintain Global Standards compliance under as ISO 10535-2011 a full swl test must be completed every 12 months.

SUPPORTING EVIDENCE

A handbook for workplaces – Transferring people safely. Handling patients, residents and clients in health, aged care, rehabilitation and disability services. Work Safe Victoria (2009)
(Handbook includes Risk Assessments for transferring people safely)

LINKS

- Manual Handling Tips for Carers
- SWEP Practitioner Manual for Transfer equipment, Hoists & Slings (2019)
- Government of South Australia, DHS, (21 February 2020) Accommodation Services Safe Work Instruction for Use of a Portable Hoist to Lift a Person from the Floor
- Government of South Australia, DHS, (21 February 2020) Safe Work Instruction for use of a Portable Hoist to Lift a Person from Bed to Wheelchair or Chair
- NDIS Quality and Safeguards Commission Practice Alert – Safe Use of Hoists April 2023

AIDACARE KNOWLEDGE HUB

Website Link
- Aidacare A150F Aluminium Folding Lifter

User Manual
- Aidacare A150F Folding Lifter – Aluminium

PDF Library
- Patient Lifters and Slings brochure
- Inline Weight Scale Flyer
- Inline Weight Scale User Manual

Video Library
- Aidacare Lifter & Sling Range (2:50mins)
- Aspire Slings (0:50mins)
- Aspire Hammock Sling (1:30mins)
- Choosing & Fitting the Right Sling (4:18 mins)
- Aidacare Training – Manual Handling – Lie to Sit (4:40mins)
- Aidacare Training – Manual Handling – Sit to Sit (4:30mins)
- Aidacare Training – Manual Handling – Floor Lift (4:30mins)

Aidacare Manual Handling Education – Youtube Video Collection
- Aidacare Manual Handling Education Video Playlist

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