handicare
Making everyday life easier

AP-450 Ceiling Lift

Portable Lifting Solution for Any Room

The AP-450 Advantage

A good lift does two things: goes up and goes down, safely and reliably. Built on an industry-leading reputation for reliability proven over the past decade, Handicare's new AP-450 portable ceiling lift raises patient handling technology to the next level—wherever you need it. Reducing injuries for patients and caregivers alike, the AP-450 portable ceiling lift is quiet, smooth and features a lift capacity up to 450 lbs.

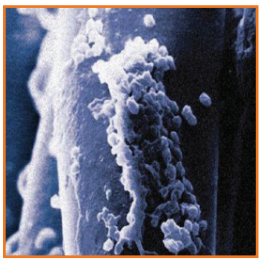
The AP-450 is the next step in portable ceiling lift technology—raised to the next level.

Antimicrobial Strap with Wear Indicator Marks
The advantage of reduced risk

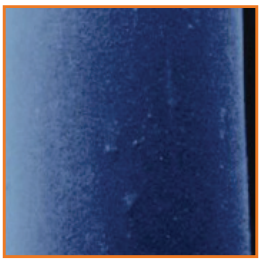
Active Shielding

In medical environments, microbes proliferate. Protecting patients from infection that can spread like wildfire is a challenge every healthcare facility faces. Handicare AP-450 ceiling lifts provide you one more shield against infection for your patients.

Microbe Growth:
Untreated Strap vs. AP-450 Strap



Microbe growth on untreated strap fibres



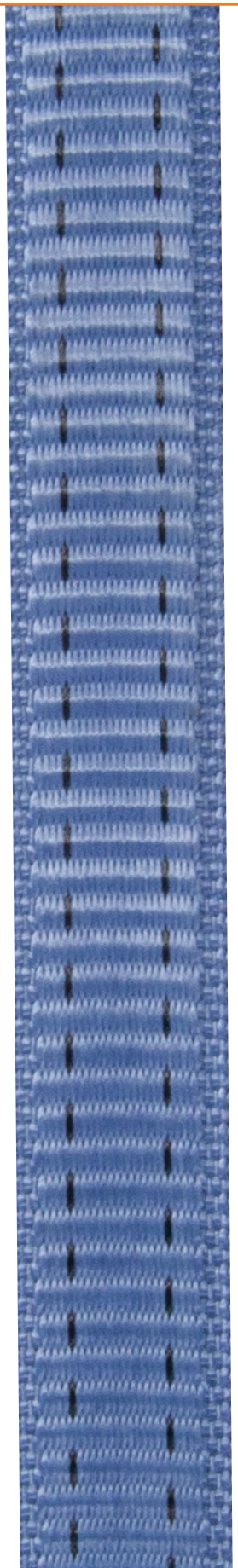
Growth on treated Handicare AP-450 Series strap fibres

Easy Maintenance

Easy to clean and disinfect, AP-450 lifts include a strap that has been treated with a specialized antimicrobial coating at the fibre level. The coating inhibits microorganisms' ability to grow on the surface of the material, thereby reducing the risk of infection while improving both safety and outcomes for patients.

Monitor Wear

Our lift strap also features wear indicator marks so you know when it needs to be replaced. And its reinforced edges protect against fraying and normal wear-and-tear to enhance the overall life of the strap.



Hand Control with Display
The advantage of real-time feedback

Intuitive Design

Featuring an integrated data screen — the AP-450 hand controller puts all lift data and diagnostic information right in the palm of your hand in an easy to use digital control pad.

The full colour backlit display makes the hand control easy to read while waterproof technology protects the unit from outside moisture.

1. Control
2. Data Collection

Accessible Controls

An integrated control panel is located on the front of the lift for easy accessibility. Here you can find buttons to raise and lower the patient, battery status indicators and the E-Down button for emergency lowering. An Emergency Shutoff Switch is also located on the back for additional safety.

Handset Charging Standard
The advantage of accessible charging

Charge your Lift Hassle Free

The AP-450 comes standard with handset charging making it easier to charge your lift everyday. Simply plug your charging adapter into the hand control to begin charging your lift. Wall recipticles that are far away are easier to get to now that you have the added length of the hand control.

Proven and Always Dependable
The advantage of ultimate portability

Go Anywhere With Ease

Lightweight and portable, the AP-450 portable lift can be removed from one track and installed in another, quickly and easily, giving you the freedom to share a single lift unit with fixed or portable ceiling track systems in multiple rooms.

Easy Service

The AP-450 is easy to maintain and service, the top cover of the lift can be easily removed and service can be done while the lift is still on the track.

Tilting Design with Easy Reach
The advantage of efficient positioning

Easy to Handle and Position

The Handicare AP-450 ceiling lift eliminates the time-consuming and tedious difficulties of positioning a lift exactly above a patient. Able to tilt up to 20° degrees, it saves time and frustration during a transfer for both patient and caregiver.

20° Degree Tilt

Easy Reach

Our Self Lock Reacher Arm accessory makes it easy to attach the AP-450 to the trolley. No more step stools or climbing onto a ladder to get your lift on the track.

AP-450
Specifications

Motors
Lift Motor: 24 VDC

Safe Working Load (SWL)
204 kg (450 lb)

Dimensions (L x W x H)
365 x 209 x 190 mm
(14 x 8.2 x 7.5 in)

Unit Weight
5.5 kg (12.2 lb)

Lift Case
Flame Retardant ABS

Safety
Emergency Stop
Emergency Lowering
Low Battery

Standards
IEC 60601-1:2005/A1:2012
IEC 60601-1-6:2010/A1:2013
IEC 60601-1-11:2015
IEC 62366:2007/A1:2014
ISO 10535:2006
IEC 60601-1-2:2014 (Ed 4.0)

Hand Control
Digital
IPx6 and IPx7 Rating

Service Life
10 Years or 22,500 Cycles

Rated Performance
50-60 lifts at Max Load

Maximum Sound Level
50 dB

Batteries
NiMH - Nickel Metal Hydride
24 VDC (20 x 1.2 VDC)
4.0 AH

Charger Model
Soneil, PS2403SRM26

Charger Input
100-240 VAC 0.5 Amps, 50-60 Hz

Charge Output
24 VDC, 1.33 Amps

Lifting Range
Up to 1960 mm (77 in)

Duty Cycle
1 Min “On”
9 Mins “Off”

Part Numbers

AP-450: Lift Up to 204 kg (450 lb)
303060: Portable Ceiling Lift

We’re Trusted.
Over **275,000** ceiling lift installations across North America

We’re Experts.
Handicare handles the installation and provides **FREE on-site training** for your staff. We also have a full service and support team to address ongoing maintenance.

Take your safe patient handling to the next level - or anywhere - with portable ceiling lift technology.

Call 1-888-637-8155 or
visit www.handicare.ca to get started!

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