



# LIFTKAR<sup>®</sup> SAL

The powered stairclimber for loads up to 170 kg



**SANO**   
makes life easier.

# LIFTKAR SAL Easy and straightforward

## YOUR INDISPENSABLE TRANSPORT HELPER FOR LOADS UP TO 170 KG.

Sounds familiar? Just carry the packs of tiles or crates of drinks one at a time up the stairs quickly, instead of doing a professional job from the beginning: with the LIFTKAR SAL. With the powered stairclimber from Sano the job is finished sooner and easier, and takes the strain off your back.

The **LIFTKAR SAL** is as easy to use as a hand truck. It's just that you can handle stairs quickly and safely as well, thanks to the battery-powered climbing mechanism.



Going up, the LIFTKAR climbs onto the next step efficiently and precisely, all by itself. Going down, the motor acts like an eddy current brake. The load glides down smoothly, softly and safely - no need to press any buttons. Your back is protected and the risk of accidents is minimised.

The **LIFTKAR SAL** is available in four versions. This choice makes it ideal for applications in industry, retail and business as well as in schools, hospitals, commercial kitchens, office blocks and many more. Whatever your transport needs, the LIFTKAR SAL is available with the right equipment options.

There are 3 different motor sizes available that offer the optimum climbing performance depending on the kinds of weight that you need to transport.

- 110 kg – 48 steps per minute
- 140 kg – 35 steps per minute
- 170 kg – 29 steps per minute



*I'm a real LIFTKAR SAL fan and use it all the time. Since I've been doing that, I no longer suffer from back pain after work.*

Franz K. (Professional tile layer)



*It's amazing how quickly the LIFTKAR SAL floats up and down stairs. A real flyer!*

Peter F. (Logistics operator)





LIFTKAR SAL Uni



LIFTKAR SAL Ergo

**Extremely fast:**  
up to 48 steps/min. Extremely  
easy to use at the press of a  
button: Fast – Slow.  
Up – Down.

Fast and cost-effective

# LIFTKAR SAL Uni and SAL Ergo

## SWIFT ON THE STAIRS. FAST ON THE FLAT.

## THE SPEEDY ALL-ROUNDER.

The Uni model resembles the classic hand truck and is designed especially for transporting water canisters, drinks crates, copier paper and folders. The Ergo model allows you to maintain an upright posture on the stairs and keep maximum control over the goods being transported. Ideal for beer kegs, stacks of tyres, etc.

The **LIFTKAR SAL** even assists you with a smoother ride outside, especially on bumpy construction sites.

The real strengths of the **LIFTKAR SAL** are in rapid and straightforward transport on the level

and on the stairs. That's cost-effectiveness. An investment that pays for itself quickly.

The **LIFTKAR SAL** from Sano is a true quality product. Different tyres can be fitted to match the unit to its operating conditions.



# LIFTKAR SAL Fold and LIFTKAR SAL Fold-L

Safe without straining your back

## FIRM GRIP ON THE GOODS. NO BACK PAIN. THAT'S THE WAY TO DO IT!

Whether its compact floor sanding machines, tall oxygen cylinders or bulky stacks of chairs - with the Fold and Fold-L models you can always keep the load balanced. This is the way to handle the most awkward transport jobs safely with an upright posture without straining your back.

The **LIFTKAR SAL Fold** is ideal for transporting white goods on the stairs. The patented folding mechanism enables the handles to be positioned ideally in relation to the load.

The Fold-L model is also designed to ensure perfect balance even with slightly heavier loads.

Despite its low weight, the **LIFTKAR SAL** can easily

manage really heavy loads. This is ensured by innovative design, patented technology as well as high quality materials and workmanship.

An extra level of safety is provided by an electronic overload protection system, which ensures load capacity is not exceeded.

*Transport a floor cleaning machine up stairs? On my own? What was previously unimaginable is now no problem with the LIFTKAR SAL. „Totally easy“, as our apprentice says.*

Andreas P. (Builder)





LIFTKAR SAL Fold



LIFTKAR SAL Fold-L

Fold away in no time for easy transport: plenty of space in the boot for the LIFTKAR SAL Fold.



Versatile

# Panel holder, loads of options and special toe plates

## ANY LOAD. ANY ROAD.

### LIFTKAR SAL SOLVES ANY TRANSPORT PROBLEM.

If you need to deliver heavy water bottles to the third floor, bring doors down to the basement, or transport white goods across the company premises, the LIFTKAR SAL can be modified quickly and easily to tackle a wide range of tasks.

## Panel holder



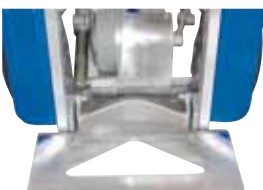
Use the panel holder to transport doors, panes of glass, plasterboard and much more easily and safely up and down any kind of stairs. No tools required - once fitted you just need to secure the load in place with the special strap supplied. Because the load is transported diagonally you can operate the stairclimber in an upright position and - more importantly - still have a clear view, even in narrow stairwells.



Panel holder  
article no. 930 153

## Options

Configure your LIFTKAR SAL to match your needs:



Fixed toe plate mounting  
(instead of hinged)  
article no. 930 103



Puncture-proof tyres  
grey, per pair, article no. 930 119

Grey pneumatic  
tyres, non-marking, per pair,  
article no. 930 109



Wheel axle extensions  
80mm wider, per pair,  
article no. 930 111



Battery pack retention  
Keeps the battery in  
place on bumpy ground.  
article no. 930 140



Centre bar, wide, flat support surface for Uni and Ergo, article no. 930 133



Centre bar with extra crossbar for Uni and Ergo, article no. 930 105



Extension wings for white goods, length 344mm, per pair, article no. 930 126



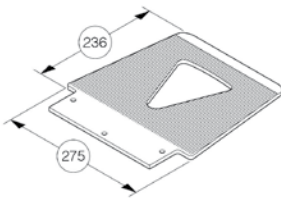
Extension wings land, length 860 mm, for Ergo, Uni and Fold-L, per pair, article no. 930 131



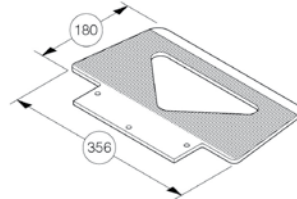
Water bottle carrier for 6 bottles, fixed toe plate for 2 bottles or cooler/stacked goods and 4 hinged bottle carriers, article no. 930 132

## Toe plates

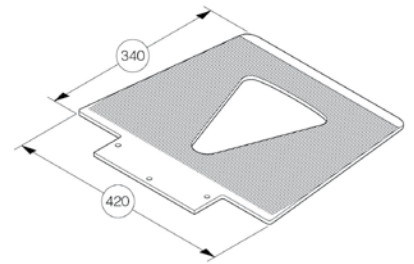
The **LIFTKAR SAL** is shipped without toe plate, but with a hinged toe plate mounting. You can choose which shapes of toe plate best suit your transport requirements.



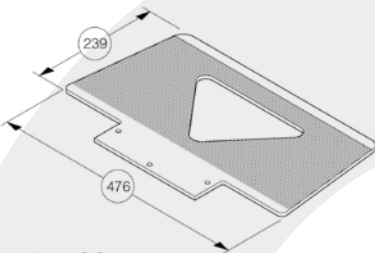
**Toe plate Standard**  
275 x 236 x 7 mm, with grooves to prevent load slipping sideways, article no. 030 025



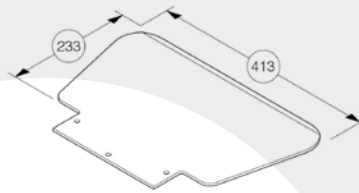
**Toe plate WL**  
356 x 180 x 7 mm, for white goods, refilling vending machines etc., article no. 930 018



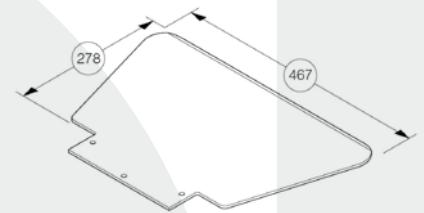
**Toe plate G**  
420 x 340 x 7 mm, for large packages, article no. 930 003



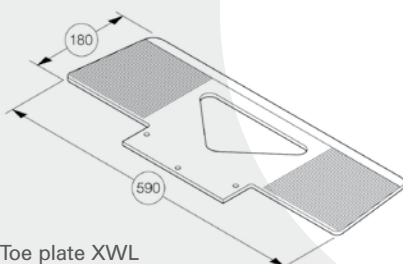
**Toe plate GS**  
476 x 239 x 7 mm, as used in the beverages industry; wide enough for safe transport of kegs and crates - no straps required, article no. 930 030



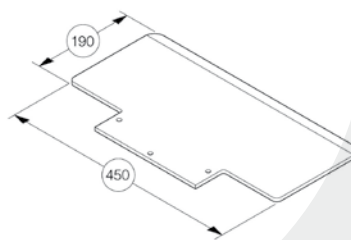
**Toe plate V**  
413 x 233 x 5 mm, toe plate for transporting oxygen cylinders, etc., article no. 930 001



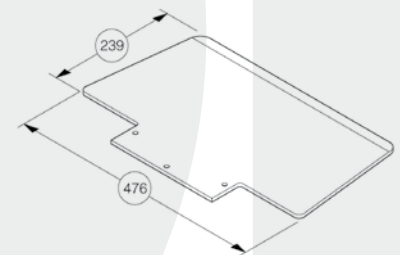
**Toe plate LH**  
467 x 278 x 5 mm, same as toe plate V but larger, article no. 930 002



**Toe plate XWL**  
590 x 180 x 7 mm, also for white goods: feet stand on the toe plate, article no. 930 074



**Toe plate DS-NG**  
450 x 190 x 7 mm, suitable for packages, article no. 930 085



**Toe plate GS-NG**  
476 x 239 x 7 mm, for packages (e.g. beverage cans), article no. 930 084

# Clever: extras and accessories

## FULL POWER AT ALL TIMES. EQUIPPED FOR EVERY SITUATION.

### Charging in transit:



In-transit battery charger  
BC 10-30 VDC-SAL,  
article no. 930 600



Battery holder with charger unit  
including in-transit battery  
charger BC 10-30 VDC-SAL,  
article no. 930 114

### Firm grip on the goods



SAL 110 ERGO Pistol grips  
article no. 030 720  
SAL 140 ERGO Pistol grips  
article no. 030 719  
SAL 170 ERGO Pistol grips  
article no. 030 725



SAL 110 UNI Pistol grips  
article no. 030 728  
SAL 140 UNI Pistol grips  
article no. 030 727  
SAL 170 UNI Pistol grips  
article no. 030 729

### Individual accessories



Quick-change battery unit  
BU-SAL  
24 VDC, 5 Ah  
article no. 004 110



Extra charger unit  
BC 100-230 VAC  
article no. 930 606



Safety strap SP-SAL – 1.40 m  
(25 mm wide) article no. 930 006  
Safety strap SP-SAL – 2.70 m  
(25 mm wide) article no. 930 007



Safety strap SP-SAL – 3,50 m  
(50 mm wide)  
article no. 930 123



Folding table  
Platform 600 x 590 mm, height 600 mm, incl. mounting pins,  
to be used with WL and XWL toe plates, hinged or fixed  
article no. 930 129



Twin cylinder holder  
article no. 930 107



Keg hook  
article no. 930 108

## LIFTKAR SAL Data and facts:

|  | SAL 110                                     | SAL 140                                     | SAL 170                                     |
|--|---|---|---|
| <b>ERGO</b><br><b>ERGO PISTOL GRIPS</b>                | 030 705<br>030 720                          | 030 704<br>030 719                          | 030 722<br>030 725                          |
| <b>FOLD</b><br><b>FOLD-L</b>                           | 030 708<br>030 717                          | 030 707<br>030 716                          | 030 723<br>030 724                          |
| <b>UNI</b><br><b>UNI PISTOL GRIPS</b>                  | 030 702<br>030 728                          | 030 701<br>030 727                          | 030 721<br>030 729                          |
| Load capacity  | 110 kg                                      | 140 kg                                      | 170 kg                                      |
| Weight with quick-change battery unit                  | 20 kg                                       | 20 kg                                       | 20 kg                                       |
| Weight without quick-change battery unit               | 16 kg                                       | 16 kg                                       | 16 kg                                       |
| Range approx. in steps (depends on weight transported) | 200 – 300 ascending<br>400 – 600 descending | 200 – 300 ascending<br>400 – 600 descending | 200 – 300 ascending<br>400 – 600 descending |
| Maximum climbing speed                                 | 48 steps/min                                | 35 steps/min                                | 29 steps/min                                |
| Maximum step height                                    | 210 mm                                      | 210 mm                                      | 210 mm                                      |

## LIFTKAR SAL fast, safe, flexible

### ALL THE ADVANTAGES AT A GLANCE

- extremely lightweight
- extremely fast - up to 48 steps/minute
- two speeds: slow / fast
- intelligent lifting unit starts automatically when going down stairs
- hinged toe plate mounting - fixed version also available
- features sliding clutch and electronic overload protection
- manoeuvrable like a hand truck
- very wide range of applications
- confident on all stairs, even spiral staircases and landings where space is restricted
- large pneumatic tyres puncture-proof also available
- second battery pack and in-transit charge for constant 24-hour use
- high-strength aluminium toe plate
- extended battery life

### SANO – makes life easier.

Try it out yourself and test the LIFTKAR SAL at your dealer.



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