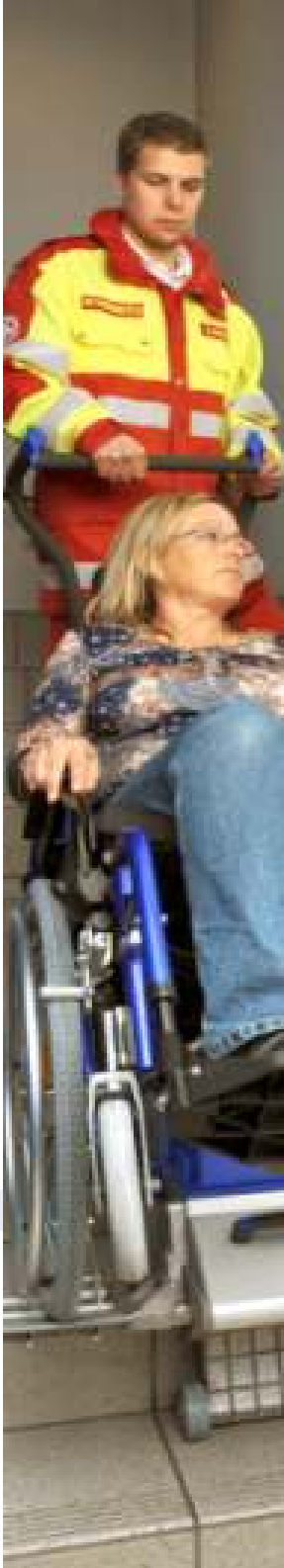




PERSONAL STAIRCLIMBERS

HERCULES
COMPLETE LIFTING SOLUTIONS



Hercules Complete Lifting Solutions
Unit 2, 18 Hotham Parade
ARTARMON NSW 2064
Toll Free: 1800 649 603
Ph: (02) 9966 5600 Fax: (02) 9966 5622
info@hercules.com.au
www.hercules.com.au



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Ingenuity – The Hercules Advantage



Unlike other stairclimbers, during descent, the body of the Personal Stairclimber does not move until the stopper wheels of the lifting unit have reached the next lower step. This gives both passenger and operator a much more confident feeling on the stairs.

Full range of powered stairclimbers to meet your needs

Personal Stairclimbers at your service

Need extra freedom of movement around the house and garden? The PS-Standard and the PS Outdoor Personal Stairclimbers give people with walking difficulties a new level of mobility. With the comfy upholstered seat you will experience your immediate surrounds in a different way. Now you can get out and about again too.

The professionals

Are you a transport provider looking for a robust, high-performance stairclimber for heavy-duty use? The PS-Universal Personal Stairclimber handles all kinds of wheelchairs and is designed for drivers and taxi services who transport disabled people in their own wheelchairs. The PS-Fold Personal Stairclimber offers the same degree of manoeuvrability as the PS-Standard, but with a lightweight, practical washable seat.

The add-on stairclimber

The PS-Plus Personal Stairclimber comes with a lightweight folding wheelchair.



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Two Up Down Switches



There are two UP DOWN switches; one at each end of the crossbar.

Ideal for both left-handed and right-handed operators.

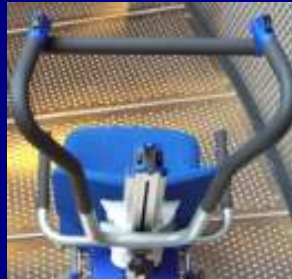
Level Indicator



The integrated level indicator helps you to optimise your balance during the climbing sequence.

Red = Stop (cannot be switched on)
Green = On

Ergonomic Handle Unit



The handle unit is designed for right and left-handed operators, and is easy to adjust. Use the robust crossbar to support and hold the unit. A non-slip rubber coating provides optimum hold.

Lightweight Modular Design



All Personal Stairclimbers can simply be dismantled into 3 parts. The whole unit is light to carry and easy to stow away. Take your Personal Stairclimber with you!

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Intuitive Control Layout



All functions within easy reach: ON/OFF, speed adjustment, switching from single-step mode to continuous mode can all be selected while using the Personal Stairclimber on the stairs.

Rugged Braking System



Robust automatic step brake wheels stop the Personal Stairclimber reliably on the edge of the step. The wear-free brake lining inside the main wheel provides a secure hold for immediate braking.



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PERSONAL STAIRCLIMBER PS Standard

Ideal around the house



The **PS Standard Personal Stairclimber** is ideal for personal use around the home. It provides people with walking difficulties a new level of mobility. You can now move freely inside and outside the home, up and down steps and stairs.

With the help of the **PS Standard** you will experience your immediate surrounds in a new and exciting way.

With two models available, catering to passenger weights of up to 130 kg (**PS Standard 130**) and 160 kg (**PS Standard 160**), it is the most adept model for negotiating very steep and winding stairs.

Let your Personal Stairclimber take the strain

The operator always has a relaxed posture and a straight back while using the **Personal Stairclimber**.

There is no strain on the back or arms because the stairclimber is balanced during operation. The operator has one hand on the crossbar and one hand on the UP – DOWN switch.

Take your Personal Stairclimber with you!

The handle, battery and lifting unit are all detached using a single lever. You can dismantle your **PS Standard** quickly and stow it away in the boot of your car to accompany you wherever you go.

Now you can get around town and visit friends and relatives after all.

Or just enjoy the improved lifestyle your **PS Standard Personal Stairclimber** offers you in the privacy of your own home.

Now you can!

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PERSONAL STAIRCLIMBER PS Outdoor

The fully integrated mobility solution

The **PS Outdoor Personal Stairclimber** offers all the functionality and versatility of the PS Standard model, with one significant additional benefit.

The **PS Outdoor** provides you with more stability **outside**, even on the lawn.

Trains, planes and automobiles

Ideal for both professional and personal use, the **PS Outdoor** is narrow enough to edge its way down the corridor on trains and down gangways on planes.



Just raise the armrest, and with one quick lift across to your seat, you are ready for take off!

Your **PS Outdoor** can then be dismantled using a single lever and stored for arrival at your destination.

Rugged design for extra stability

The battery powered **PS Outdoor** has large, non-marking wheels and a wider wheelbase, making movement around the garden and outdoor areas effortless, safe and secure. Steps and slopes are negotiated with ease.

Fitted with a comfortable, upholstered seat and armrests, the **PS Outdoor** is highly manoeuvrable.

There are two models available. The **PS Outdoor 120** (designed to transport persons weighing up to 120 kg) and the **PS Outdoor 150** (designed to transport persons weighing up to 150 kg).

The **PS Outdoor** can be dismantled quickly and easily into 3 lightweight units by undoing a single lever. Pop it in your car, and now you can get out and about again too.

Get carried away!

The **Personal Stairclimber** brake wheels activate the powerful braking system inside the rims of the main wheels. Tilting the stairclimber back slightly gradually applies the brakes, so there is no risk of it running away when on slopes and ramps.



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PERSONAL STAIRCLIMBER PS Universal

Stairclimbers for busy professionals.



PS Universal Personal Stairclimbers the versatile professional.

The battery powered **PS Universal** is a roll-on/roll-off ferry for any make and model of self-propelled wheelchair or transport wheelchair.

Reverse with ease onto the platform, secure the backrest in place, and take off up the stairs.

The **PS Universal** is ready to take on all the stair climbing jobs in your busy working day. Ideal for drivers and taxi services who transport disabled persons in their own wheelchairs.

Choice of models:

The **PS Universal** is available in two models: PS130 and PS160, denoting their load capacities in kilograms for the wheelchair plus passenger.



That's versatility!

Handle every kind of manual wheelchair with the **PS Universal Personal Stairclimber**, regardless of make. The headrest slides up and down easily to adjust to each passenger.

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PERSONAL STAIRCLIMBER PS Universal



Save Time On The Stairs

No need to remove the wheels on the wheelchair.
Just reverse the wheelchair onto the platforms.



Safe And Sound

The integral backrest restraint holds the wheelchair
securely in place while you are in transit.



Folds Away To Save Space.

The platforms on the **Hercules PS Universal** Personal Stairclimber **hinge upwards to save space**. Just stow the lightweight stairclimber in your vehicle between jobs – nothing needs to be dismantled.



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PERSONAL STAIRCLIMBER PS Fold

Professional stairclimbers for patient transport

This is the rapid-response unit for transporting patients.

The battery powered **PS Fold Personal Stairclimber** offers the same degree of manoeuvrability as the Hercules PS Standard, but with a lightweight, practical, washable seat. The seat covering can be wiped clean or removed altogether by simply undoing a zip.

Always on the move

This is the rapid-response unit for transporting patients. With 200mm diameter wheels and a wheelbase of just 297mm the **PS-Fold** is also ideal for very steep, narrow winding stairs.



Easy to use

The intuitive controls on the **Personal Stairclimbers** are easy to learn. It is important to get a feel for balance during operation and the built-in angle indicator helps you do this. New personnel will have this system quickly mastered.

Washable seat

The washable seat covering can be wiped clean, and can be removed altogether by simply undoing a zip.



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PERSONAL STAIRCLIMBER PS Fold



Compact

When not in use the **PS Fold** can literally be folded away!

No dismantling.

Save space in the workplace and on the move.



Your optimum partner on the road.

The **PS Fold** is lightweight and can easily be stowed away in any vehicle.

With the mobile charger you can top up the battery between jobs so your stairclimber is always ready for action when you are.

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PERSONAL STAIRCLIMBER PS Plus

Experience freedom of movement – the PS add-on stairclimber

You are "ready to roll" with this lightweight, self-propelled wheelchair already fitted with the adapters necessary for engagement with the battery powered **PS Plus Personal Stairclimber**.

Hit the road

With the PS Plus wheelchair folded away and the unit dismantled, the whole system fits into the boot of a small sedan.



Now you're moving!

With The **PS Plus** there is no need to detach the stairclimber. Simply raise the PS unit so that the wheelchair can be used normally with the stair climber still attached.

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PERSONAL STAIRCLIMBER PS PLUS

It's this easy...



Step 1

Step 2

Raise the wheelchair by lifting the **PS Plus**



Step 3

Remove the wheels from the wheelchair.



Step 4

Push the wheels onto the wheel holders provided.



...and away you go!

Now you can negotiate narrow and winding stairs with ease. Then, simply reattach the wheels to your wheelchair to move freely within your environment. There is no need to detach the stairclimber. Just raise the lifting unit so the wheelchair can be used normally with the **Personal Stairclimber** still attached.

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PERSONAL STAIRCLIMBERS ACCESSORIES

Charger



Extra charger unit BC-PS

Having two charging units can be useful if you need to top up the charge on your PS battery regularly at different locations.

Article no. **045 141**

Mobile charger



Mobile charger BC 10-30 VDC-PS

Recharge a PS battery unit on the move - plugs into the cigarette lighter socket on any vehicle.

Article no. **945 120**

Battery unit



Extra battery unit

Charge a second battery unit if your PS stairclimber is in constant use.

weight: 4.3 kg, capacity: 5.2 Ah, voltage: 24 VDC
maintenance-free, leak-proof lead gel cell (approved by DOT and IATA for transport by air)

Article no. **004 150**

Headrest



Headrest – slots into PS handle units on all models of PS

Article no. **945 191**

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PERSONAL STAIRCLIMBERS TECHNICAL DATA



Capacity	PS-S 130: 130kg PS -S 160: 160kg (Passenger Weight)	PS Outdoor 120: 120kg PS Outdoor 150: 150kg (Passenger Weight)	PS Uni 130: 130kg PS Uni 160: 160kg (Passenger Weight + Wheelchair)	PS Fold 130: 130kg PS Fold 160: 160kg (Passenger Weight)	PS Plus 115: 120kg (Passenger weight)
Total Weight	30.5kg	34.3kg	27.6kg	28kg	23.5kg
Weight of Biggest part	18.5kg (climbing unit with seat)	22.3kg (climbing unit with seat)	16.7kg (climbing unit)	N/A	14kg (climbing unit) 18kg (wheelchair)
Overall Height	1130mm	1130mm	1130mm	1130mm	1130mm
Overall Width	505mm (incl. Armrest)	505mm (incl. Armrest)	760mm (platforms down)	430mm (seat) 482mm (handle unit)	432mm (without wheelchair)
Overall Depth	675mm (600mm with seat & armrest folded)	675mm (600mm with seat & armrest folded)	395mm (platforms up) 385mm	660mm (405mm with seat folded)	385mm (without wheelchair)
Space required on landing	0.8 x 0.9m	0.8 x 0.9 m	0.8 x 0.9 m	0.8 x 0.9m	0.8 x 0.9m

•Technical Date Applying to All Models

Climbing speed: three speeds can be selected on the control cluster

I = 10 steps per minute

II = 14 steps per minute

III = 18 steps per minute

•**Max Step Height:** 205 to 230mm (the maximum is achieved by tilting the stairclimber at a steeper angle)

•**Battery Pack Voltage and Capacity:** 24 VDC
5.2 Ah

•Protected Against Overlanding:

- Mechanical overload protection (sliding hub),
- Electric overload protection.

•**Range per Recharge:** Depends a lot on weight of passengers and whether they are travelling up or down. However, between 300 & 500 steps can be specified as a rough guide. If the stairclimber is in constant use, (eg professional mobility services) then a replacement battery pack can be fitted at any time. A mobile charger is also available to rapidly charge the battery pack during the car journey.

•**Main Wheels:** Non-marking grey tyres for extremely smooth operation. PS Outdoor wheels have a diameter of 260mm. All other models have a diameter of 200mm (outer track with 297mm)

•**Support Wheels:** Also feature non-marking grey tyres & are permanently braked. Diameter 80mm.

• **Inside frame width of wheelchair:** Minimum 320mm (PS Uni)

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PERSONAL STAIRCLIMBERS

The Hercules Advantage

Nobody else offers PS reliability, versatility and ingenuity.

More from Hercules...

We also manufacture:
stairclimbers and Handtrucks for industrial and
business applications.

Visit our Web Site

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