



TRiONiC

A new dawn for walking aids

There is a new dawn for the walking aid. The Trionic Walker rises and shines for an active and exciting day. Gone are the bumpy and harsh walks of yesterday. From now on the sky is the limit. Live your dream. Achieve the impossible. Carry on walking where the road ends.

Made for Walking

Regardless of your choice of activity, the Trionic Walker will be your faithful supporter when you go walking, exercising, shopping, hiking or golf playing. Through its unique design it promotes physical activity and quality of life.

The Trionic Walker has been developed at the Royal Technical Institute in Sweden. It offers you superior support and comfort when walking outdoors. Contrary to a conventional rollator it gives you fantastic access to any outdoor environment and enables you to be physically active at a very high degree.

The Walker is designed with a focus on walking outdoors. The patented climbing wheel, 3-wheel design and air-filled tires work in unison for a totally new walking experience. It climbs curbs and other obstacles with ease and turns cobbles, gravel, grass, snow and off-road trails into pure pleasure instead of a bumpy and unpleasant venture.

The height can of course be adjusted to suit users of different sizes. To make transport easy, the Walker can be folded together and also partly dismantled. A hub brake with motion and parking brake functions provides increased safety and causes minimal tire wear.

The Trionic Walker has an ergonomic grip bar that offers several grip positions, and while seated it acts as a back support. When the seat is slid forward it provides more walking space, and in combination with the shape of the grip bar the tendency to walk with a more upright posture increases.

And looking cool when out walking doesn't hurt. The Trionic Walker has been awarded as winner of the Swedish design award "Aluminium Design", founded by the Swedish aluminium industry.

A Sunday walk in Central Park, New York, USA.



Trionic Walking

Go Trionic Walking

– it's a great way to improve your fitness and burn more calories while enjoying the outdoors. If you are in need of walking support, it's the perfect choice for an active lifestyle.

We call it Trionic Walking - a fun and easy way to exercise that everyone can take part in, regardless of age or physical ability. With Trionic Walking you'll make quick progress on your way to a healthier and longer life.

Trionic Walking relies on the specially designed Trionic Walker. Exercising should always be fun and there are different versions of the Trionic Walker for your choice of activity; fitness walking, golfing, hiking, hunting, travelling and comfortable city living.

Trionic Walking offers you several advantages:

- Greatly reduced impact and stress on your ankles, knees, hips and back
- Excellent support, safety and comfort while you are exercising
- Increased heart rate and improved training effect by including your upper body
- Increased energy consumption compared to regular walking
- Lots of fresh air and our beautiful nature as your new playground

Positive health effects

Walking for a total of 30 minutes a day meets doctors' recommendations for physical activity. And daily physical activity is the single most important measure to stay healthy and live longer. Moderate exercise like walking helps protect the body from many illnesses and conditions, including heart disease and stroke, high blood pressure, osteoarthritis, osteoporosis, overweight, the most common type of diabetes and many cancers.

When setting the goal to reach the habit to walk 30 minutes daily, initially this doesn't have to be done in one walk. Starting out gently you can divide it into two or three walks. And always remember, every single step counts.

Getting started

To get going, ask for our free 12-Week Walking Plan! You can also download the walking plan, get extensive exercise information and learn more about Trionic Walking at: www.veloped.info



Vicki pushing it. Stockholm, Sweden.



Innovation

In order to increase the access to urban and outdoor environments, a vital part of the Trionic Walker is the Trionic Climbing Wheel (patent pending). The wheel technology provides several advantages; curb- and obstacle climbing, suspension and a dual-mode handling control. With its climbing wheel, a 3-wheel design and air-pressured tires the Trionic Walker offers excellent driving characteristics and unbeatable comfort.

Climbing wheel

The Trionic Climbing Wheel greatly increases the ability to overcome different kinds of obstacles when walking outdoors. By spreading the load over two wheels, slightly displaced lengthwise, the climbing sequence is divided into two steps. The climbing capacity is enhanced even more through an angled link arm that uses the pushing force provided by the user. This gives the Walker a unique feature, the capacity to climb a 13 cm high obstacle, for instance a high curb. When climbing a 3,2 cm high obstacle, the amount of force needed is only 1/8 of the force that a single wheel of an equal diameter requires.

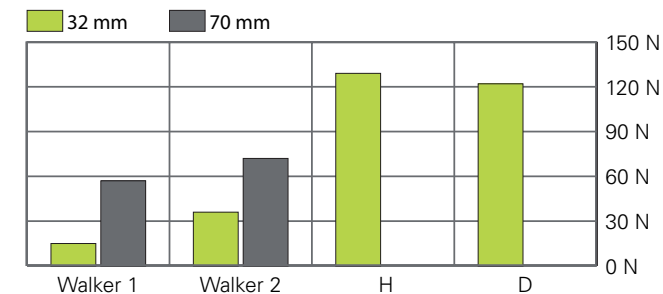
The moving link arm also provides suspension. On uneven ground it constantly pivots and suspends the ride. The suspension turns any outdoor walk with a Trionic Walker into pure pleasure.

Terrain or city use

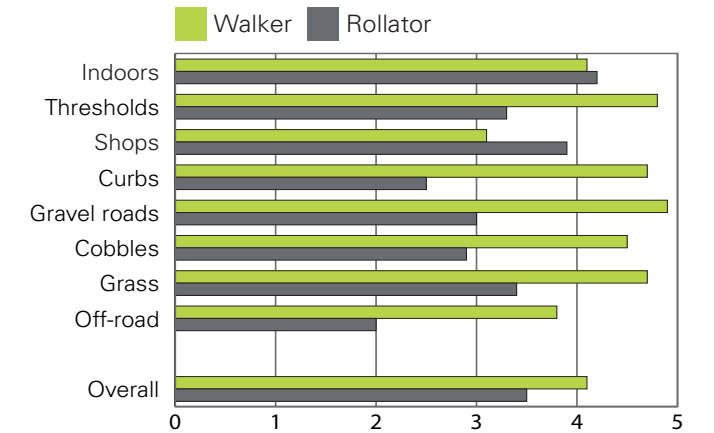
The climbing wheel can be dually adjusted according to environment and terrain. For easy turning and manoeuvring use the city-mode, whereby the front wheel is lifted with retained climbing capacity. In the terrain-mode the wheel provides suspension, climbing ability and increased direction stability which is perfect for the hike, golf course or workout.

3-wheel design

The 3-wheel design of the Walker results in permanent ground contact on all uneven surfaces. The “shopping cart-syndrome”, with rising and spinning wheels, is effectively avoided. The Walker will roll in the direction you want it to, and it will not turn a nightmare to manoeuvre like any 4-wheeler. The advantages are apparent on cobbles, gravel, grass, snow and in any off-road environment.



Force needed (N) to pass two curbs of different height in comparison with two conventional outdoor rollators, H and D. At curb height 70 mm the two conventional rollators have to be lifted over the obstacle.



The result of a user test with 10 rollator users. The diagram shows the ratings by the participants after 5 weeks of testing the Trionic Walker in comparison with their traditional rollator



The Trionic Climbing Wheel in action overcoming a 13 cm high curb.

TRIONIC

Nordic Walker • City Walker • Golf Walker • Mountain Walker



Hub Brake

Each Walker is equipped with hub brakes working the rear wheels. In addition to a motion brake, it also has a parking function, which is easily locked if you would like to sit down and rest for a while. The design of the brake protects it from gravel and water, and at the same time it does not cause any tire wear.



Folding

Through a quick push of the button on the telescopic folding stay, you can fold your Trionic Walker to pass narrow passages. To fully fold it for transport or storage, press the second button on the telescopic stay and fold the frame all the way. You can also push the gripbar to the bottom and detach the wheels by pressing the button on the wheel quick release axles.



Wheel Adjuster

The climbing wheel is adjustable for different conditions and terrain. For superior manoeuvrability and easy turning, with retained climbing capacity, the front wheel is raised with a simple adjustment handle. In its altered position, the terrain mode, the wheel has a suspension/climbing function with increased direction steadiness, perfect for the longer walk.

General features

Every version of the Trionic Walker has an oversized frame welded from 6000-T6 aluminium, which reduces the weight and at the same time offers great rigidity. The 31 cm diameter wheels, with air-pressured tires, offer optimal driving qualities.

Each Walker model comes with the following features:

- Trionic Climbing Wheel – with climbing/suspension function
- Dual-Mode adjustability of the Climbing Wheel
- 2-step folding mechanism
- Motion and parking brake
- Demountable wheels with quick-release
- All textiles are detachable by the use of push buttons, velcro and/or buckles

More product specific information with video clips is available at www.trionic.se.



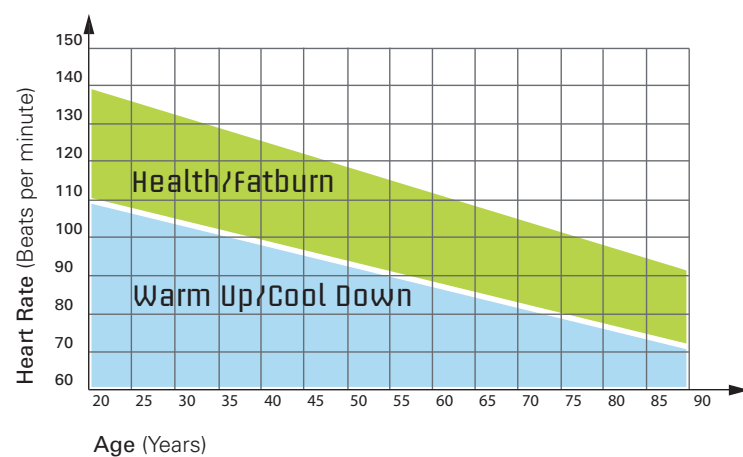


Nordic Walker

The Nordic Walker will be your faithful supporter when practising the world's most underrated physical exercise – walking. Walking is probably the closest thing to perfect exercise, and it's a great way to stay in shape and to lose weight.

With most exercises you run a great risk of overexerting yourself, but walking keeps you going at the right intensity. By pushing the Nordic Walker you will increase the training effect and also use a little more energy, when compared with normal walking. For health & fat burn, the ideal pulse rate is 55–70 % of your maximum heart rate, please see diagram to the right. The intensity level of walking is optimal for improving your health while at the same time achieving a high fat burning effect. Increasing the pulse rate, for instance by running, will on the one hand improve the cardiovascular effect, but at the same time the intensity will force your system to switch to mainly glycogen for fuel, instead of fat. If your aim is to lose weight and improve your fitness at a steady rate, fitness walking is an excellent choice. You can exercise a little longer each time, and instead of wearing yourself down you will enjoy faster progress when working towards your personal goal.

What makes the Nordic Walker unique? With age our body is not as forgiving as when we were kids. Our wish to exercise might be prevented by knee problems, back pain, weak ankles or overweight, or simply just by getting a bit older.



Heart Rate/Age diagram showing health/fat burn exercise intensity.



Vicki with personal trainer Stefan. Stockholm, Sweden.



The Nordic Walker is all about comfort, support and feeling safe while exercising. It greatly reduces the impact and stress caused by fitness walking. It has the same advantages as a mountain bike and you can head for green areas, walking paths, exercise trails and the forest. So now you can fully enjoy fitness walking – feeling safe and free to go wherever you want.

Nordic Walker

Sizes: M (75–94 cm) • L (90–104 cm)

Equipment: Basic seat for maximum walking space • Basket w. zip-pocket

Colours: blue/red/white • black/orange/white • black/red/yellow • black/white/white



City Walker

With the City Walker you will enjoy daily comfort and practicality. It is very well suited for going shopping and taking daily strolls in the city.

The roomy basket loads your groceries at the supermarket, and bringing them home is a joy with all the benefits of the climbing wheel and air-filled tires.

To provide optimal seating comfort, the seat depth has been increased to 30 cm. The longer seat, in combination with rigid plastic inserts, offers plenty of support along the legs.

The colour design is sombre and elegant, with silver stripes and matching red lining. The stripes are made from 3M Scotchlite fabric, and when walking at night the reflective stripes offer increased safety in traffic.

The City Walker is also equipped with a rain cover that fits over the basket and seat. The cover has a 2-colour design, and you can choose between silver and black depending on what side you turn outwards.



2-colour reversible rain cover protecting the seat and basket.



"JP" crossing 42nd street. New York, USA.



City Walker

Sizes: M (75–94 cm) • L (90–104 cm)

Equipment: Comfort seat • Reflective stripes
• Basket w. zip-pocket • Basket/seat rain cover

Colour: black/silver/red



Golf Walker

Stay in the game and do yourself a favour by walking the golf course instead of riding an electric golf cart. With the Golf Walker you'll last the distance playing 18 holes while getting plenty of healthy exercise at the same time.

It's simple, start playing golf and you will live longer. This has now been proven by Swedish research. Golf players enjoy a 5 year longer life expectancy when compared with people who haven't yet discovered the game. Apart from a longer life expectancy, golf players also enjoy a better health than the average person.

With all the benefits of the climbing wheel, the suspension, the 3-wheel design and its air-filled tires, the Golf Walker finds itself very much at home on any golf course.

The Golf Walker has two pencil golf bags that are attached to the main frame. It loads a full set of 14 golf clubs, and the bags can either be closed or left open at the front end depending on your preferred way of carrying your clubs.

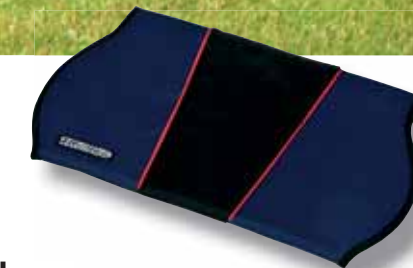
The basket loads your water bottle, some extra clothing and whatever you might need along the fairway. In unfavourable weather conditions, the rain cover in the zip-pocket will protect your gear from getting wet.



Folds to a real space saver and you can keep the clubs in the bags when going to and from the golf course.



Ingrid, Johan, Björn and Thomas putting on green at Sigtunabygdens GC, Sweden



Golf Walker

Sizes: M (75–94 cm) • L (90–104 cm)

Equipment: Basic seat • Basket w. zip-pocket • Basket rain cover • Two detachable golf bags

Colour: navy/black/red



Mountain Walker

Load up your Mountain Walker and head for exciting adventures. It has a multitude of storage options for your gear.

With its versatile seat bag and backpack, the Mountain Walker is your perfect companion for:

- Backcountry hiking
- Summer camping
- Travelling
- Hunting

The seat bag snaps onto the seat, and is easily folded forward when you want to sit down for a break. It has 3 separate inner compartments, with plenty of room for your camera, maps, your valuables and a water bottle or thermos. The seat bag can also be carried as a shoulder bag, and it has a padded detachable strap.

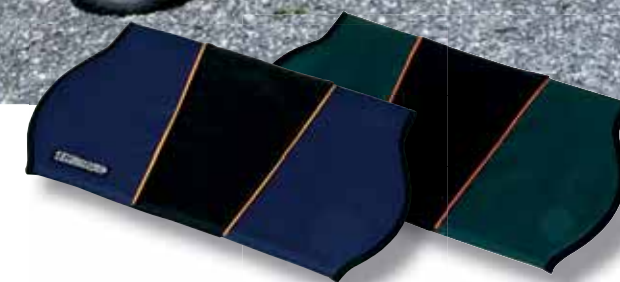
One zippered outer compartment and two mesh pockets swallow your smaller items. A top elastic cord holds any extras. The backpack fits nicely into the basket, and with a full-length zip you have easy access to the main compartment. The shoulder straps can be hidden in a stove-away pocket. Your MP3-player fits into the small top zippered pocket, and there is a sleeve for your head phones. In addition there is a zippered outer compartment and two mesh side pockets that fit two water bottles. Both seat bag and backpack are made from sturdy 600D polyester, with reflective lining for safety when walking in traffic at night.



The Seat Bag is easy to fold forward when you want to sit down for a short break.



Hilary hiking in the Swiss Alps.



Mountain Walker

Sizes: M (75–94 cm) • L (90–104 cm)

Equipment: Basic seat • Basket w. zip-pocket

• Basket rain cover • Seat bag • Back pack

Colours: navy/black/yellow • green/black/orange

Accessories



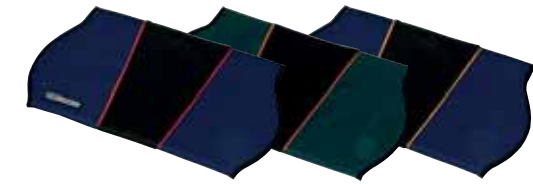
Stick Holder

2-piece stick holder, that also works as a safety lock when the Walker is folded for transport. The stick holder is easily attached to the frame with velcro straps.



Storage Rain Cover

Water-proof cover for storing your Walker outdoors. Three hooks and an elastic band secure the cover so that it stays in place.



Hiking/Golf – Seat Cover & Basket

Seat cover and basket that matches the colours of the backpacks, seat bags and golf bag. Seat cover with 4 push buttons for snapping on the seat bag. Seat depth: 25 cm. The basket has a black rain cover integrated with the zip-pocket. Both made from durable 600D polyester.

Seat colours: green/black/orange • navy/black/yellow • navy/black/red
Basket colours: green/black/orange • navy/black/yellow • navy/black/red



Nordic – Seat Cover & Basket

Seat cover that ensures full leg movement when fitness walking. Matching basket with zip-pocket. Seat depth: 25 cm. Perfect for some extra clothing when you are out exercising. Both made from durable 600D polyester with matching stripes.

Seat colours: blue/red/white • black/orange/white • black/red/yellow
 • black/white/white
Basket colours: blue/red/white • black/orange/white • black/red/yellow
 • black/white/white



Safety Lights

Two red LED-lights with fixed or pulsing light keep you safe when walking after dark. The lights are mounted at the ends of the gripbar. Batteries are included.



Seat/Shoulder Bag

15-litre hiking bag that snaps onto the Walker seat with push buttons. It has a padded shoulder strap and can favourably be used as a shoulder bag. The inner of the bag can be divided into 3 separate compartments to fit your camera, valuables, a water bottle or thermos. Outer zip-pocket and two mesh pockets allow quick access to smaller items.

Colours:
 green/black/orange • navy/black/yellow



City – Comfort Seat Cover & Basket

Comfort seat with rigid inserts for extra support. 3M Scotchlite reflective stripes. 30 cm seat depth. Roomy basket with a separate zip-pocket for your valuables. Both made from 600D polyester.

Seat colour: black/silver/red
Basket colour: black/red



Mini Pump

Keep the tire pressure correct. The pump has a user-friendly handle and an aluminium barrel. It comes with a smart bracket to be mounted on the frame of your Walker.



Water Bottle

High quality aluminium water bottle with safety cap and pop-up straw. Odour-free treatment. Volume: 0,5 litre.



Bottle Cage

Plastic bottle cage that mounts to the frame of the Walker with a clamp and wing-nut. **Colour:** black.



Seat/Basket Rain Cover

A versatile cover that protects the seat and basket from rain and wind. Three ways of attaching the rear end. 2-colour design silver/black.



Single-hand brake

A single brake lever with dual cables operating both brakes. Can either be mounted in the centre of the gripbar or on the right/left side. With the brake lever in the centre, the Walker is very easy to steer when only using one hand.

Bag/Backpack

25-litre backpack that fits nicely into the Walker basket. The padded shoulder straps and waist belt can be hidden in a rear side pocket. The bag has a large outer zip-pocket and two side mesh pockets for water bottles. The top zip-pocket with sleeve fits your MP3-player and head phones.

Colours:
 green/black/orange • navy/black/yellow



Golf Bag

A golf bag set with two pencil bags, each with two compartments. The two bags can carry a full set of 14 golf clubs. The front of the bag can be opened, and the clubs can be pushed further forward. This way you enjoy more space when walking. To protect your club handles from rain, simply close the front cover and you keep the handles dry. The bags are made from 600D polyester, with rigid frames at the rear end for quick club entry/removal. Additional peg-holders, golf ball pouches and umbrella holders. **Colour:** navy/black/red

Technical facts

Measurements:

Length:	102 cm
Width:	76 cm
Height:	76–94 cm
Weight:	12,5 kg (Nordic Walker)
Seat height:	62 cm
Wheel size:	31 cm
Max user weight:	150 kg

Measurements, folded:

Length:	106 cm
Width:	42 cm
Height:	76 cm

Measurements, folded with detached wheels:

Length:	84 cm
Width:	42 cm
Height:	59 cm
Weight:	7,7 kg (Nordic Walker)

Product material

Frame:	Aluminium
Grip bar:	Aluminium
Front suspension:	Aluminium
Telescopic stay:	Aluminium
Wheel:	Plastic rim with rubber tire
Basket:	Polyester fabric
Seat:	Polyester fabric

Trionic Walker is tested and approved according to rollator standard ISO 11199-2:2005.

Trionic product overview

	Nordic Walker	City Walker	Golf Walker	Mountain Walker
Key Features				
Hub Brake System	•	•	•	•
2-step Folding Mechanism	•	•	•	•
Climbing Wheel Technology	•	•	•	•
Full Ground Contact Design	•	•	•	•
City/Offroad Dual Mode	•	•	•	•
Quick-Release Wheels	•	•	•	•
Basic Seat, 25 cm depth	•		•	•
Comfort Seat, 30 cm depth		•		
Ergonomic Gripbar	•	•	•	•
Basket Rain Cover		•		
Seat/Basket Rain Cover			•	•
Reflective Front Badge	•	•	•	•
Reflective 3M Scotchlite Stripes		•		
Basket with Zip-Pocket	•	•	•	•
Golf Bag			•	
Seat/Shoulder Bag				•
Backpack/Basket Bag				•
Parking Brake	•	•	•	•
Motion Brake	•	•	•	•
Air-Pressured Tires	•	•	•	•



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