

Product Guide

Special needs bicycles





Let's all cycle!

Cycling for everyone

Cycling represents freedom: the freedom to go wherever you want, to stay connected with the people and places that matter to you. It is a sustainable way of traveling that combines movement and convenience.

At Van Raam, we believe in inclusive cycling mobility: the idea that cycling should be accessible to everyone, regardless of physical limitations or personal circumstances. Our extensive knowledge and passion for cycling mobility enable us to develop bikes that perfectly meet individual needs. This gives everyone, regardless of their situation, the freedom to continue cycling, whether independently or together with others.

Let's all cycle!



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Cycling individually

Tricycles

Tricycles enable people with a disability to cycle individually for longer. The three wheels ensure stability and safety while cycling.

In its large assortment, Van Raam has different tricycle models for all age groups. There is almost always a bike that suits your needs.

Benefits

- ✓ Stop without getting off your bike
- ✓ Three wheels ensure stability while cycling
- ✓ A wide variety of models available
- ✓ The parking brake allows you to safely get on and off
- ✓ You do not have to keep balance yourself





Easy Rider

Tricycle

The Easy Rider is a tricycle for adults with optimal riding characteristics that make for a pleasant cycling experience. Due to the unique frame with a low step-through, the bike has a low centre of gravity. This provides a safe and stable feeling.

This tricycle has a comfortable and easy to adjust seat. The forward pedalling motion and the suspension in the frame give ultimate comfort while cycling. The Easy Rider is therefore suitable for both long, and short trips.

The modern and aerodynamic design with a hydroformed frame gives the Easy Rider its sporty appearance. With the optional pedal assist (smart e-bike), cycling becomes even easier!

”

With the Easy Rider I can go out by myself and enjoy cycling again. The seat is very comfortable.

David



Benefits

- ✓ Suspended frame for optimal comfort
- ✓ Very easily manoeuvrable due to its small turning radius
- ✓ Comfortable seat with tailbone relief and adjustable backrest
- ✓ Suitable for up to 140 kg (reinforced frame up to 180 kg)
- ✓ The seat and handlebars are easily adjustable

Popular options/accessories

- A variety of frame sizes (M and L)
- Different suspension strengths for optimal comfort
- Stick holder or basket for carrying essentials
- A seat belt, mirror, armrests, or foot fixation for extra security
- Extra battery pack or battery with a higher capacity for an increased range



Easy Rider Compact

Compact Tricycle

The Easy Rider Compact is a compact tricycle suitable for small adults and large children. Thanks to its unique frame design, it has a low step-through and a low centre of gravity, which makes the bike stable. This ensures a safe and secure feeling while riding the tricycle.

The forward pedalling motion and the suspension of the adjustable seat provide perfect riding comfort. A luggage frame is mounted on the backrest. The Easy Rider Compact is highly manoeuvrable and has a small turning radius.

The Easy Rider Compact can be optionally equipped with pedal assist for even more convenience during cycling.



”

The Easy Rider Compact is perfect for me; comfortable, safe and easy to use.

Helen



Benefits

- ✓ Very compact and highly manoeuvrable due to a small turning radius
- ✓ Stable, low seating position provides a safe feeling
- ✓ Low step-through and comfortable, sprung seat
- ✓ Easier to cycle than a traditional tricycle
- ✓ Less strain on the back, neck, shoulders and wrists

Popular options/accessories

- Pedal assist (smart e-bike)
- Single-sided pannier for luggage frame
- Belt, mirror, armrests or foot fixation for extra safety
- External charging point for easy charging of the battery
- Walking stick holder





Easy Rider Compact Small

Compact Tricycle

The Easy Rider Compact Small is a compact tricycle with a low step-through. Its low center of gravity provides great stability while cycling. The seat with back support ensures extra riding comfort. On this bike, you make a forward pedaling motion, allowing you to apply more power while pedaling.

The Easy Rider Compact Small can be easily converted into an Easy Rider Compact by a Van Raam dealer, allowing the bike to grow with the person riding it.



Benefits

- ✓ Easily convertible to an Easy Rider Compact version
- ✓ Very compact tricycle with a small turning circle
- ✓ Easier to ride than traditional tricycles
- ✓ Low step-through for easy mounting
- ✓ Less strain on back, neck, shoulders, and wrists

Popular options/accessories:

- Pedal assist (smart e-bike)
- Fixation vest for extra seating stability
- Pedal adjustments, such as footrests or balance pedals
- Single-sided pannier for luggage frame
- Foldable armrests

”

A major benefit is that the Easy Rider Compact Small is a growth bike and can be converted into the Easy Rider Compact.

Fam. Fischer





Easy Sport

Recumbent trike

The Easy Sport is the ideal tricycle for sports-minded people that also like comfort. This tricycle has an ergonomic and adjustable seat with a backrest. This allows for the perfect combination between sportive, and recreational use.

The under-seat steering decreases the stress on your back, neck, shoulders, and wrists. The length of the Easy Sport is adjustable. This gives you the ideal cycling position suitable to your length.

The suspension in the frame provides extra comfort while cycling.

With the optional pedal assist, cycling becomes even easier!



”

I can't lift my arm up very well. This bike with under-seat steering is the best solution for me. It's great!

Daniel

Benefits

- ✓ Comfortable seat with backrest
- ✓ Less stress on your back, shoulders, and wrists with the under-seat steering
- ✓ Suspension for added comfort
- ✓ Easy to get on and off
- ✓ Adjustable length

Popular options/accessories

- Pedal assist (smart e-bike)
- 8-gear hub with freewheel or backpedal braking
- Preferred controls on one side, or a one-hand-operated lock
- Comfort seat L possible
- Foot fixation on the pedals





Benefits

- ✓ Under-seat steering reduces joint strain
- ✓ Modern and contemporary recumbent tricycle
- ✓ Suitable for both sporty and recreational cycling trips
- ✓ Extra comfort thanks to suspension in the frame
- ✓ The recumbent tricycle fits through a regular door

Popular options/accessories

- Pedal assist (smart e-bike)
- 8 gears with freewheel
- Preferred controls on one side of the handlebars or one-handed lock
- Foot fixation for fixation on the pedal
- External charging point for easy charging of the battery



”

Thanks to this bike, I can cycle a lot again because it's super cool and easy to use!

Liam



Easy Sport Small

Recumbent tricycle

The Easy Sport Small is a recumbent tricycle with under-seat steering. The bike is designed for children and small adults who want to cycle sportively and is the smaller version of the Easy Sport recumbent tricycle for adults.

The bike offers excellent riding comfort thanks to the suspension in the frame, the seat with backrest, the forward pedalling position, and the recumbent cycling posture. The under-seat steering reduces strain on the back, neck, shoulders and wrists.

With the help of options such as pedal assist, pedal adaptations or a cane holder, you can customize the bike to your needs.



Maxi

Traditional tricycle

The Maxi is a traditional, yet trendy tricycle for adults. Due to its three wheels, you are stable on the bike, and you feel safe while cycling. In addition, the bike runs lightly and is easily manoeuvrable.

On the Maxi, you have a higher seating position. This gives you a good overview of the road and your surroundings while cycling. After a visit to the store, you can easily take your groceries with you in the optional basket.

Due to its accessible step-through, getting on and off the bike is very convenient. Like most other Van Raam bikes, the Maxi is also available with an electric motor for pedal assist.



”

***Because of an infarction, I was no longer able to cycle.
The Maxi was the solution for me to cycle again!***

Eva



Benefits

- ✓ Stable tricycle in 'classical' design
- ✓ High seating position for a good overview
- ✓ Runs lightly and easily manoeuvrable due to the differential
- ✓ Fits through a regular door opening
- ✓ Safely get on and off the bike by using the parking brake

Popular options/accessories

- Pedal assist (smart e-bike)
- 8-gear hub, or Ergogel seat for added comfort
- A mirror or foot fixation for added safety
- Anti-puncture tyres
- Stick holder or basket for carrying essentials



”

At first, I didn't want a tricycle, but with the Midi everything is easier. I can go wherever I want.

Peter

Benefits

- ✓ Stable tricycle in 'classical' design
- ✓ Runs lightly and is easily manoeuvrable due to the differential
- ✓ High seating position for a good overview
- ✓ Fits through a regular door opening
- ✓ Safely get on and off the bike by using the parking brake

Popular options/accessories

- Pedal assist (smart e-bike)
- 8-gear hub with freewheel or backpedal braking
- Backrest with belt for fixation and extra security
- One-hand operated lock
- Stick holder or basket for carrying essentials



Midi

Traditional tricycle

The traditional Midi tricycle is suitable for children from approximately 8 years old or smaller adults.

This trendy bike is easily manoeuvrable and runs lightly. The Midi is very stable due to its three wheels. The higher seating position gives you a good overview of the road and your surroundings.

Despite its three wheels, the Midi fits through a regular door opening. This way you can easily store the bike in your garage for example.

With the available options such as pedal assist, the Midi can be configured to your needs and make cycling even easier for you.





”

Because of my illness, I often do not have the energy to cycle. With the Easy Go I can still go outside.

Wendy

Benefits

- ✓ Bike, electric bike (smart e-bike), and mobility scooter in one
- ✓ More compact than a mobility scooter
- ✓ Both forward and reverse cycling and driving
- ✓ Anti-tilt wheels and parking brake for increased safety
- ✓ No driving license or certificate needed

Popular options/accessories

- Extra battery pack or battery with a higher capacity for an increased range
- One-hand operated lock
- Foldable armrests
- Direction indicator lights
- XL comfort seat



Easy Go

Mobility scooter bike

The Easy Go is an unique bike: It is an (electric) bike and a mobility scooter in one. While riding, you can easily switch between the three modes. Cycling completely on your own, cycling with pedal assist, or riding in mobility scooter mode.

While cycling with electric pedal assist, you can use three support levels. For both forward, and reverse cycling. In the mobility scooter mode, you can let your feet rest on the retractable footrest. The Easy Go is stable, compact, and easily manoeuvrable. The bike is therefore very well suitable for doing groceries. You have an upright position due to the comfortable seat.





”

The Balance is a pleasant bicycle. I can always reach the ground with both feet. It feels very safe.

Lucas



Balance

Low step-through bike

The Balance is a low step-through bike. Due to the unique frame, you have a lower seating position to make sure you always can reach the ground with both feet. Because of this you do not have to step off the bike, and you can cycle with a straight leg.

The centre of gravity of this bike is slightly lower which makes cycling easier and more comfortable. The Balance has a unique ergonomic seating position that relieves the wrists, shoulders, and neck.

Benefits

- ✓ Extra wide and low step-through
- ✓ You can always reach the ground with both feet without getting off the bike
- ✓ You can apply more force due to the forward pedalling motion
- ✓ Ergonomic seating position
- ✓ Cycle comfortably due to the lower centre of gravity

Popular options/accessories

- Pedal assist (smart e-bike)
- Various frame sizes available
- One-hand operated lock
- Stick holder or panniers for carrying your essentials
- Mirror for extra safety





Cycling together

Side-by-side tandem bikes

When cycling independently becomes difficult or is not possible, the choice for a bike on which you can cycle together can be made.

On a side-by-side tandem, you sit next to each other. On the Fun2Go, one person drives the bike while the other rides as a passenger. The FunTrain is a trailer that can be connected to the back of the Fun2Go. This way the operator can bring along a total of three passengers.

Benefits

- ✓ Good visibility and communication by sitting next to each other
- ✓ One driver + passenger(s)
- ✓ Passenger can come along if they can sit
- ✓ Easy to use
- ✓ Enjoy bike rides together



Fun2Go

Side-by-side tandem bike

With the Fun2Go side-by-side tandem bike, you can cycle together. Thanks to sitting next to each other, you can communicate well with each other and enjoy the surroundings together.

The driver has full control over the side-by-side tandem bike and the passenger can optionally pedal along. This makes this bike very suitable for cycling together with people who can't participate in traffic independently (anymore).

The Fun2Go guarantees hours of cycling pleasure and is widely used, among others, in healthcare institutions. To be able to cycle comfortably without much effort, you can choose electric pedal assist.

”

*Thanks to the Fun2Go, we are visiting various places.
I have gotten back my freedom.*

William



Benefits

- ✓ Good visibility and communication with side-by-side seating
- ✓ If the passenger can sit, they can come along (pedalling is not mandatory)
- ✓ Easy to steer with a small turning radius
- ✓ One person steers, both can pedal
- ✓ Comfortable and ergonomic adjustable seats with backrest

Popular options/accessories

- Pedal assist (smart e-bike)
- Swivel seat for easy access
- Seatbelt, armrest or footrest for extra safety
- Foldable footplate for passenger
- Gear hub to determine whether or not the passenger is pedalling along

FunTrain

Side-by-side tandem trailer

Cycling together becomes even more special with the FunTrain. With this side-by-side tandem trailer, which you attach to a Fun2Go using a towbar, one main driver can cycle with three passengers.

The main driver sits on the side-by-side tandem bike and has full control over the FunTrain since they are the only one who can steer and brake. The trailer has an automatic overrun brake, which ensures safe and efficient braking. On the FunTrain, you sit next to each other, making it easy to communicate and enjoy the scenery.

The retractable nose wheel allows for easy transportation of the detached FunTrain.



”

It is nice to be able to go out with three residents. They always look forward to the rides we make.

Kim

Benefits

- ✓ One supervisor can cycle with three passengers
- ✓ Easy to connect to a Fun2Go side-by-side tandem bike
- ✓ Good visibility and easy communication with side-by-side seating
- ✓ Comfortable seats with backrest that are easy to adjust
- ✓ Disconnected FunTrain is easily movable with a retractable nose wheel

Popular options/accessories

- Retractable footrest for passengers
- Seatbelts and armrests for extra safety
- Pedal adjustment, such as foot fixation
- Bike cover for covering the FunTrain
- Walking stick holder





Tandems

The tandems from Van Raam are used to enjoy cycling together. Because of the low step-through and the many available options, the tandems are often used for people that cannot cycle independently.

Van Raam has two-wheel and three-wheel tandems for two adults and for an adult and a child.

Benefits

- ✓ Increase mobility
- ✓ A good overview due to the high seating position
- ✓ Low step-through
- ✓ Available in various models and with different options
- ✓ Easy to use





Twinny and Twinny Plus

Tandems for adults

The Twinny is a two-wheel tandem for adults. On this bike, you are seated right behind each other. The space between both seats is greater than on the average tandem. While cycling, one person steers and brakes, both can pedal. The driver can optionally control the way the passenger pedals along. A big advantage of this tandem is the low step-through. On the Twinny you have a high seating position, which gives both cyclists a good overview.

The Twinny Plus is a tandem with three wheels. This tandem is based on the Twinny but has two rear wheels. The advantage of this is that you have more stability, and you can more easily get on and off the bike while it is standing still.

The tandems have a solid and stable frame that gives the bike its unique riding characteristics.



Twinny



Twinny Plus

Benefits

- ✓ Extra space between both persons
- ✓ Low entry for both driver and passenger
- ✓ Standard with 8 gears
- ✓ On the Twinny Plus you can easily get on and off due to the three wheels
- ✓ A good overview due to the high seating position

Popular options/accessories

- Pedal assist (smart e-bike)
- Choice of front, or rear steering
- Different frame heights possible
- Backrest (with belt) or foot fixation for extra safety
- The driver can choose if the passenger is forced to pedal along

”

Paul is not able to cycle independently but has a good physical health. He enjoys cycling a lot.

Laura





Kivo and Kivo Plus

Tandems for child + adult

The Kivo is a two-wheel tandem for a parent or supervisor that wants to cycle with a child. The child is seated in the front on the tandem and has a good overview of the surroundings while cycling.

The adult is seated on the rear of the tandem and can easily keep an overview of both the child, and the road. The Kivo has 8 gears and a switchable freewheel hub. This way the supervisor can choose if the child is forced to pedal along or not.

The Kivo Plus is a three-wheel tandem that gives you more stability while cycling. Because of the two rear wheels, getting on and off the tandem bike is even easier.



Kivo



Kivo Plus



”

It is so nice to be able to cycle with my sister! We love going outside and to the playground together.

Zoë

Benefits

- ✓ Good overview of the road for both the child and the adult
- ✓ 8 gears and switchable freewheel hub
- ✓ Low step-through for both the adult and the child
- ✓ The supervisor can choose if the child is forced to pedal along or not
- ✓ Better riding characteristics than tandems from other manufacturers

Popular options/accessories

- Pedal assist (smart e-bike)
- Backrest (with belt) for extra safety
- Different frame heights possible
- Pedal adaptation, such as foot fixation or a crank shortener
- Transfer stand on the Kivo makes it easy to get on and off



Wheelchair bikes

The wheelchair bikes from Van Raam enable people to cycle together with someone that is not able to cycle themselves.

On the OPair, the passenger sits in the seat on the front of the bike. On the VeloPlus, the passenger can remain seated in their own wheelchair.

Benefits

- ✓ With a wheelchair bike, you can get closer to your destination
- ✓ A good overview for both the driver and the passenger
- ✓ Easy to use
- ✓ Increase mobility in an environmentally friendly way
- ✓ Both the passenger and the supervisor can enjoy a bike ride together





OPair

Wheelchair bike

The OPair is suitable for cycling together with someone that can not cycle themselves. A comfortable seat is positioned at the front of the bike. However, your own custom seat can also be fitted.

The depth of the seat and the backrest can be adjusted to the passenger. The driver of the bike has a good overview of both the passenger and the road. The passenger can enjoy the unobstructed view.

The OPair is also available with a divisible frame. This way the front of the bike can be used as a wheelchair on location.



”

Unfortunately, I cannot cycle myself, but with this bike, we can still go out together.

Richard



Benefits

- ✓ Stable cycling due to the slightly angled front wheels
- ✓ Easy to drive due to the regular steering angle
- ✓ Suspension for extra comfort for both the passenger and driver
- ✓ Ergonomic cycling position for the driver
- ✓ Adjustable and foldable footrests for the passenger

Popular options/accessories

- Pedal assist (smart e-bike)
- Divisible frame: Front section can be used as a stand-alone wheelchair
- Adjustable seat width, which makes it suitable for children
- A variety of seatbelts and foot fixation for the passenger
- Extra battery pack for an increased range





VeloPlus

Wheelchair transport bike

The VeloPlus is a bike on which you can transport people that remain seated in their own wheelchair. The wheelchair with the passenger can easily be pushed onto the tilting platform. This doesn't require a lot of force or any additional equipment. The VeloPlus is suitable for a wheelchair & passenger with a total weight of max. 140 kg.

The wheelchair is safely secured on the bike with a wheelchair locking mechanism and a seat belt. The low centre of gravity and the wide wheelbase in the front give the bike its stability. This makes the bike an ideal solution for making bike rides with wheelchair users.

The optional pedal assist makes cycling on this modern wheelchair bike even more convenient.



Benefits

- ✓ The passenger can remain seated in their own wheelchair
- ✓ Tilting platform to easily load the wheelchair and passenger onto the bike
- ✓ Stable and easily manoeuvrable due to the steering front wheels
- ✓ Three fixing hooks and a seatbelt to secure the wheelchair
- ✓ Suitable for nearly all hand-driven wheelchairs (max. 72 cm wide)

Popular options/accessories

- Pedal assist (smart e-bike)
- Anti-puncture tyres
- Electric winch to load the passenger and wheelchair onto the bike
- Extra battery pack for an increased range
- Reinforced front section (passenger and wheelchair max. 200 kg)



”
On this bike, I can cycle together with my father. We can make all sorts of fun trips together.

—
 Jessica





Chat

Rickshaw transport bike

The Chat is a rickshaw on which one driver can transport one or two people in the front of the bike. The passengers are seated in an ergonomic and suspended tub that is fitted with seatbelts. The driver is seated behind them and therefore has a good overview of both the passengers and the road.

As the name suggests, people can comfortably have a chat while out on a cycling tour. The bike is suitable for people that want to go out, while they can be supervised by the driver. With the Chat, every ride becomes an event.



Benefits

- ✓ The bike has pedal assist (smart e-bike) by default
- ✓ A comfortable and safe seat on the front with seatbelts
- ✓ Easy to get on and off due to the retracting footrest
- ✓ Cheaper than transportation by bus or taxi
- ✓ Very easy to drive

Popular options/accessories

- A canopy that protects passengers from rain and sunshine
- Extra battery pack for an increased range
- Mirror for added safety
- Stick holder or panniers for carrying your essentials
- A leg cover so passengers can stay warm during colder days

”

Our residents enjoy cycling a lot. They especially enjoy visiting 'old' places.

Thomas



Technical specifications

	Easy Rider (M)	Easy Rider Compact	Easy Rider Compact Small	Easy Sport	Easy Sport Small	Maxi	Midi	Easy Go	Balance
Frame height (cm)	-	-	-	-	-	53 ¹	41 ¹	-	51 ¹
Entry height (cm)	35	32	32	52	41	28	25	29	22
Weight (± kg) <small>(Without electric pedal assist, except for the Chat and Easy Go)</small>	49	39	37,5	39	36	29	27	64	26
Max. weight luggage system (kg)	20	10	10	20	20	20	20	20	23
Length (cm)	225 ¹ max.	174 max.	173	225 max.	186	180	168	166	182
Width (cm)	78	73	73	80	77	75	75	72	66
Divisible frame available	✓	-	-	-	-	✓	✓	-	-
Max. user weight (kg) <small>(per person)</small>	140 ²	100	80	120	80	120	90	140	120
Inner leg length (cm)	65-88 ¹	63-81	52-72	65-105 ¹	47-73 ¹	80-95 ¹	66-80 ¹	78-90 ¹	76-91 ¹

¹ = Customisable ² = Reinforced version available

	Fun2Go	FunTrain	Twinnny	Twinnny Plus	Kivo	Kivo Plus	OPair	VeloPlus	Chat
Frame height (cm)	-	-	52 ¹	52 ¹	30 ¹ _F 52 ¹ _R	30 ¹ _F 52 ¹ _R	52	52	52
Entry height (cm)	-	-	37 _F 44 _R	37,5 _F 45 _R	36 _F 43 _R	36 _F 45 _R	45	28	45
Weight (± kg) <small>(Without electric pedal assist, except for the Chat and Easy Go)</small>	76	76	35	44	39	48	58	64	97
Max. weight luggage system (kg)	20	20	20	20	20	20	20	20	20
Length (cm)	199	193	259	261	244	246	214	253	232
Width (cm)	113	113	66	75	66	75	76	110	111
Divisible frame available	-	-	✓	✓	-	-	✓	✓	-
Max. user weight (kg) <small>(per person)</small>	120	120	120	120	120	120	120	110/140 ³	120/200 ³
Inner leg length (cm)	67-93 ¹	67-93 ¹	77-89 ¹	77-89 ¹	50-62 ¹ _F 77-89 ¹ _R	50-62 ¹ _F 77-89 ¹ _R	80-95	80-95	80-95

³ = VeloPlus: driver max. 110 kg. Passenger + wheelchair max. 140 kg* (* Reinforced front max 200 kg). Chat: driver max. 120 kg and total passenger weight max. 200 kg.

F = Front
R = Rear

Options/accessories

To adjust a Van Raam bike to your individual needs, it is possible to add options and accessories to your bike. With every bike, there are special options available that make cycling easier, more comfortable, and/or safer. Examples are foot fixation, crank adaptations, seatbelts, back rests, shifting levers, special handlebars, saddles, mirrors, and walking stick holders. It is also possible to have a Van Raam bike powder coated in almost every possible RAL-colour. You can find all options for each Van Raam bike on the website.

Are you having doubts about the different options? During an appointment, at Van Raam, the adviser will help you find out which options suit you best. During this appointment you also have the option to see and try a lot of different options. This way you can ensure that you choose the bike that fits you best. On page 52 you can read more about an appointment at Van Raam.

Besides the standard options, Van Raam also can provide tailor-made solutions. We can make frames to suit all sorts of specific needs. You can contact Van Raam about the possibilities.

On this page you can find the most popular options and accessories from Van Raam.



You can find all options and accessories on the website!

Pedal assist (smart e-bike)



Foot fixation



Seatbelt



Armrest



Basket



Crank adaptation



Backrest (with belt)



Footrest



Special handlebar



Pedal assist (smart e-bike)

All Van Raam electric bikes are equipped with the Silent system, which provides pedal assist while cycling. The motor housing, batteries, controller, software, and smart display are specially developed by us for our adapted bikes. The system is user-friendly and makes cycling easier.

Benefits Silent System

- ✓ Three different levels of support and starting assistance
- ✓ Easy to use
- ✓ Virtually silent but highly powerful electric motors
- ✓ High-quality and safe batteries
- ✓ Individually programmable pedal support
- ✓ Winner of the ExtraEnergy test for several years
- ✓ Smart e-bike
- ✓ Free Van Raam e-bike app
- ✓ Possibility to cycle forwards and backwards with pedal assist (excluding bicycles with two wheels and bikes with coaster brakes)

Starting aid

The Silent electric system comes standard with a starting aid: if desired, you can ride for a distance of about 10 meters at a speed of about 6 km/h without pedalling yourself.

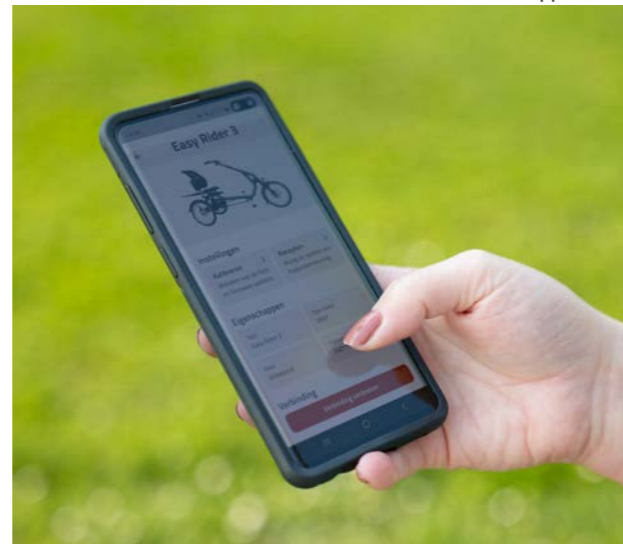
Smart e-bike with app

All electric bikes from Van Raam are smart e-bikes and feature the Van Raam pedal assist system. With the Van Raam app on your phone, you can change support modes on your bike and view information about the bike. You can download this app for free from your smartphone's app store.

VR1F motor Silent electric system



Van Raam e-bike app



Silent smart display

All our electric bikes are equipped with the Silent smart display. This display consists of a button unit that allows you to easily switch between support modes and an information screen.



Silent smart display

Batteries

Van Raam uses two different Li-ion batteries from the Netherlands that last for many charging cycles. The batteries come with a silent and powerful charger (6 amps) with a magnetic connector, making it easy to connect to the battery with just one hand.

Electric tricycles, side-by-side tandems and tricycle tandems have a Cube Li-ion battery pack (11 or 23 Ah) and the other electric bicycles have a Slim Li-ion pack (13 Ah). The batteries have a high capacity and on some bikes it is possible to use 2 batteries together, which have a maximum capacity of 1760 Wh.

The Silent electric system has 3 motors, the VR1F Silent, VR2F Silent HT and VR2R Silent HT. These motors deliver a maximum nominal continuous power of 250 watts.

Battery indication

On the display, you can also check the status of your battery. The battery indication shows how full the battery still is. This indication is also visible on the battery itself using LED lights. This battery indication consists of five green LEDs, with the leftmost LED also capable of turning red.



Cube Li-ion battery





About Van Raam

Van Raam has over 110 years of experience, and has been making bicycles for almost 100 years. Since 1986, the focus has been on adapted bicycles. We have a history as a frame builder and are a specialist and world leader in custom bicycles.

A Van Raam bike gives people a form of mobility, freedom, and independence. It is for this reason that we have a wide variety of bikes for people with a disability. The unique riding characteristics of each Van Raam bike make for a special cycling experience.

Our high-quality Dutch bikes are designed by our in-house Research and Development department. Almost the entire production process takes place in our own factory using the most modern and innovative production techniques. By adding options, accessories, and frame adaptations, we can make a bike to suit almost everyone's individual needs.



Read more about Van Raam

Van Raam

- ✓ Over 110 years of experience
- ✓ Proud family business
- ✓ Offers people mobility
- ✓ Custom-made bikes
- ✓ World market leader
- ✓ Dutch quality
- ✓ Innovative and modern production techniques

Innovation

At Van Raam we are always working on improving and developing our products and processes. Van Raam aims for a high level of innovation within every department. We are proud of the bikes that we have developed using the most modern production techniques. Since December 2018 we are doing this in our sustainable and modern bicycle factory.

We have won various innovation awards and are leading within the Smart Industry and Smart Working principles. Van Raam has, with the development of Smart Industry, digitised, automated, and robotised a lot of processes.

The following innovative developments are applicable to Van Raam:

- ✓ Focus on sustainability and environment
- ✓ Modern techniques and machinery
- ✓ Corporate Social Responsibility
- ✓ Cooperation with Students and Universities (Innovation Hub Innovar)

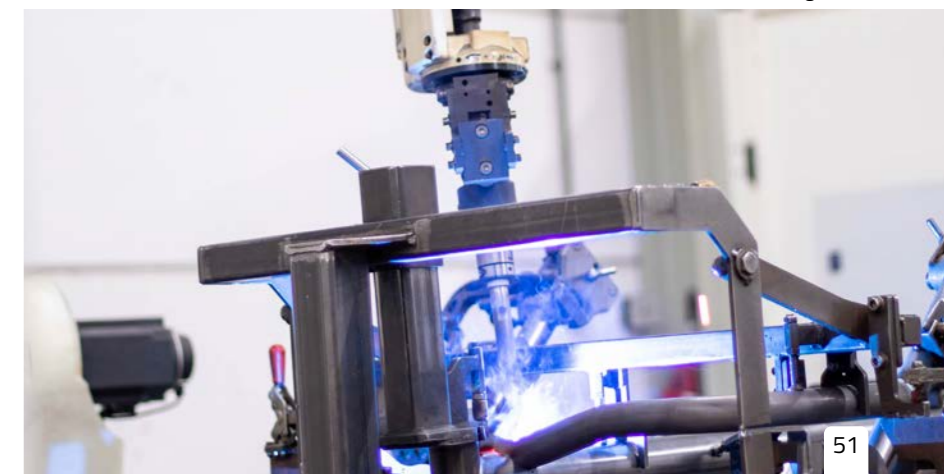
The employees at Van Raam



3D scanner



Welding robot





Configurator

Van Raam also offers the possibility to configure your bike online. In the online configurator, all options and accessories can be added to create your ideal bike.

Once you have put together your bike, you can see exactly what the costs of your unique Van Raam bike would be.



Scan this QR-code and configure your bike in the online configurator

Dealers

The sale of Van Raam bikes exclusively takes place at Van Raam dealers. Van Raam bikes are internationally available at the dealers that are listed on our website. There are different types of dealers; for example, Premium Dealers, rehabilitation specialists/medical device suppliers, service partners, or rental locations.

At some dealers, it is also possible to make a test ride. Premium Dealers have various Van Raam bikes available in their showroom. Premium Dealers also have specialists available to advise you on the purchase of a Van Raam bike. These dealers also have a workshop and possess the skills required to carry out maintenance.

Find a dealer near you.



Purchasing

Showroom

In our large showroom in Varsseveld (The Netherlands), all Van Raam bikes are available. Besides the tricycles, wheelchair bikes, tandem bikes, side-by-side tandems, low step-through bike, transport bike, and the mobility scooter bike, a wide variety of options and accessories are also available in the showroom. On page 46 you can find the most popular options and accessories.

Van Raam also has a showroom located in southern Germany. Just like in The Netherlands, you can try all bikes here. Contact Van Raam to make an appointment to visit one of our showrooms.

Test ride at Van Raam

An extensive test ride with a Van Raam bike is very important. An adapted bike is often very different from a regular bicycle and requires some getting used to.

Are you interested in a Van Raam bike, and do you want to take a test ride on one or more bikes? On appointment, you can make an obligation-free test-ride on various bikes at one of our showrooms. You can contact Van Raam to discuss the possibilities or make an appointment.

During the appointment, our technical advisors will answer all your questions and help you find the perfect bike for you. In Varsseveld, you can even try your bike on the test track.



Schedule a test ride!



Customer Care

Our Customer Care team is here for you!

At Van Raam, our Customer Care department is ready to assist our end users. Do you have questions about our products or would you like to schedule an appointment to visit our showroom? We are happy to help. We provide answers, solutions, and during a visit to our showroom, we are pleased to think along with you about which bike and any possible adjustments are most suitable for you.

Feel free to contact us. Together, we ensure that you can fully enjoy your Van Raam bike. If you already have a Van Raam bike and have questions about service, warranty, or parts, please contact your dealer.



Service

Warranty

Van Raam stands for quality. With the purchase of a Van Raam bike, you also receive an extensive manufacturer's warranty. All over the world, we have expert dealers that sell our adapted bikes. The Van Raam dealers order the bikes and deliver them to the customer. They also provide you with the service that your bike needs and take care of any warranty procedures. It is important that your Van Raam bike is inspected by a dealer annually to ensure the applicability of the warranty. This also ensures that your bike is in optimal condition, and you have the best cycling experience.

Maintenance of Van Raam bikes

A well-maintained bike ensures a better cycling experience. To keep your bike in the best condition possible, regular light maintenance (such as cleaning and greasing bike parts) and fine adjustments are advised. This differs for each Van Raam bike. It is important to know what you can do yourself, and what the Van Raam dealer can provide for you.

More information about maintenance can be found in the user manual of the relevant bike. You can visit www.vanraam.com to find the user manuals on the bike's product page.



Repairs via the Van Raam dealer

Despite the good maintenance efforts, a defect or malfunction can occur. In this case, the Van Raam dealer can be contacted for repairs. Repairs, maintenance, or modifications are always carried out using original Van Raam spare parts. In case a dealer has questions about anything, they can contact the Van Raam aftersales department for support.

Follow Van Raam online

All news and information about Van Raam can be found on www.vanraam.com. Follow us on our social media pages YouTube, Facebook, Instagram, X, Pinterest, and LinkedIn, and miss nothing. Subscribe to our YouTube channel and discover new product-, instruction-, and informative videos.



Colophon

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Van Raam

Manufacturer of special needs bicycles

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