

Product Guide

Special needs bicycles





Management Van Raam: Marjolein, Ronald, and Jan-Willem

Let's all cycle!

We believe that when people stay mobile and independent longer, they are happier. That is why we offer people with a disability, and people that cannot cycle on a traditional bicycle, a sustainable form of modern-day mobility. With a Van Raam bike you experience independence, and freedom. This is our vision, and the reason Van Raam exists.

We are a family-owned business with a history of more than 110 years. Since the eighties, we specialise in designing and producing unique adapted bikes.

We are proud of what we are achieving with each other, and of the sustainable impact we have on our customers. Currently we are doing this with around 300 colleagues. Let's all cycle!

Marjolein Boezel

Jan-Willem Boezel

Ronald Ruesink



4



34



58



60

Contents

Let's all cycle!	2
Cycling individually	4
Tricycles	4
Mobility scooter bike	28
Low step-through bike	30
Walking aid	32
Cycling together	34
Side-by-side tandem bikes	34
Tandem bikes	40
Wheelchair bikes	46
Transport bikes	52
Technical specifications	54
Options/accessories	56
Pedal assist (smart e-bike)	58
About Van Raam	60
GoCab	62
Production process	63
Purchasing	64
Service	66

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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 assistance 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 Small

Tricycle

The Easy Rider Small is a tricycle that is specially designed for children from about 4 years old, and smaller adults. The bike offers a lot of stability due to its low centre of gravity and has a low step-through.

The seat with an adjustable backrest, and the suspension in the frame provide ultimate comfort while cycling. The Easy Rider Small has a sporty and modern look.

Due to the unique frame, you make a forward pedalling motion while cycling which allows you to apply more force with your legs. A cool bike that is suitable for both long and short bike rides.



Benefits

- ✓ Comfortable adjustable seat with backrest
- ✓ Suspended frame for optimal comfort
- ✓ Small turning radius
- ✓ Fits through a regular door opening
- ✓ Low seating position with a low centre of gravity for increased stability

Popular options/accessories

- Pedal assist (smart e-bike)
- Pedal adjustment, such as foot fixation or a balanced pedal
- A mirror for extra safety
- 8-gear hub with freewheel or backpedal braking
- A basket to bring along your necessities

”

Our son with balance issues is incredibly happy and proud of this tricycle.

Fam. Meyer





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
- A variety of seats (XL seat or recumbent shell seat)
- 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 assistance, 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





Maxi Comfort

Tricycle with low step-through

Van Raam has an alternative version of the traditional tricycle. The Maxi Comfort tricycle has an extra low and wide step-through. This makes getting on and off the bike very easy.

On this tricycle, the seat is not placed directly above the bottom bracket, but slightly behind it. This allows for optimal movement of the knee while sitting slightly lower. Because the centre of gravity is also a bit lower, the tricycle is very comfortable.

Are you looking for a two-wheeled bike with a low step-through? The Balance might be a good option. You can find the Balance on page 30.



”

The Maxi Comfort tricycle gives me the security and confidence to go out.

Sandra

Benefits

- ✓ Easy to get on and off due to the low step-through
- ✓ Ergonomic and comfortable position
- ✓ More power due to forward pedalling motion
- ✓ Medium-high seating position for a good overview
- ✓ Lighter steering compared to a standard tricycle

Popular options/accessories

- Pedal assist (smart e-bike)
- A variety of frame sizes
- Backrest (with belt) or foot fixation for extra security
- Stick holder or basket for carrying essentials
- 8-gear hub with freewheel or backpedal braking



”

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.



Mini

Children's tricycle

The Mini tricycle is a cheerful bike for children from about 4 years old. The three wheels provide extra stability, and make getting on and off the bike easier.

The mini is a lightly running bike on which, using additional options if needed, children can easily cycle away. These options can for example be a push bar, a backrest, or foot fixation.

The Mini makes it possible for a child to ride their bike together with friends and family.



”

***Tim is very happy with this bike. Before, he couldn't cycle.
Now he can cycle together with his friends.***

Fam. Smits



Benefits

- ✓ Stable tricycle
- ✓ Safely get on and off the bike by using the parking brake
- ✓ Very easily manoeuvrable
- ✓ Lightly running bike
- ✓ Fits through a regular door opening

Popular options/accessories

- Pedal assist (smart e-bike)
- Push bar
- Foot fixation, pedal extension, or balanced pedal with strap
- Adjustment of the frame height
- Backrest with belt for fixation and extra security



Husky

Children's tricycle

The cheerful and colourful Husky tricycle is suitable for young children from approximately 2 years old who have difficulty with stability.

Crank shorteners are integrated into the cranks by default. This way a child can always properly reach the pedals. The Husky is also fitted with a specially designed bottom bracket which allows for a straight downward pedalling motion.

With the optional backrest and belt, the child firmly sits on the bike. With the optional push bar, the child can be pushed forward when cycling independently is difficult.

An electric motor for pedal assist is not available on the Husky.

Benefits

- ✓ Runs lightly and easily manoeuvrable due to the differential
- ✓ Integrated crank shorteners
- ✓ Specially designed bottom bracket, for a straight down pedalling motion
- ✓ The seat height is easily adjustable with the quick release lever
- ✓ Colourful and cheerful

Popular options/accessories

- Backrest with belt for fixation and extra security
- Push bar
- Pedal adjustment, such as foot fixation or a balanced pedal
- Uninterrupted handlebars
- Lighter or heavier transmission gear

”

Because of this bike, our daughter can join the other kids when they are cycling.

Rian



Viktoria and Viktor

Tricycles with two front wheels

The Viktoria and Viktor are tricycles with two front wheels and one rear wheel. These bikes are specially designed for people that have difficulties with estimating the width of a tricycle.

The Viktoria is designed for teenagers and smaller adults, while the Viktor is designed for adults. Both bikes have a low and wide step-through that makes getting on and off the bike easier.

Because of the three wheels, it is not needed to get off the bike when you come to a standstill. With the optional pedal assist, cycling becomes even easier.



Benefits

- ✓ Easy to estimate the width of the bike
- ✓ Low and wide step-through
- ✓ High seating position for a good overview
- ✓ The three wheels give the bike its stability
- ✓ Safely get on and off the bike by using the parking brake

Popular options/accessories

- Pedal assist (smart e-bike)
- Stick holder or panniers for carrying your essentials
- A mirror, balanced pedal, or foot fixation for extra safety
- Ergogel seat
- 8-gear hub with freewheel or backpedal braking

”

Thanks to the Viktor I have the confidence that I can correctly estimate the space of a passage.

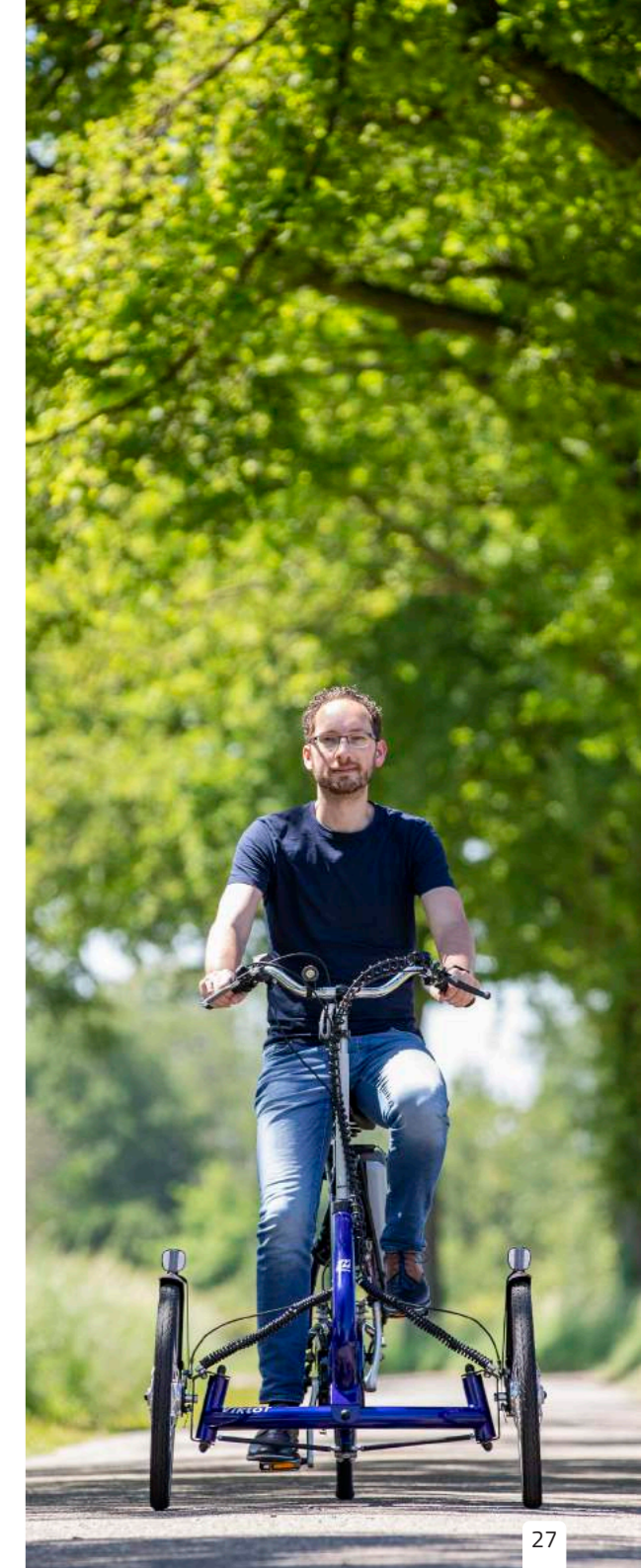
Bob



Viktoria



Viktor





”

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.

Do you want a low step-through bike with three wheels? The Maxi Comfort tricycle might be a good choice. You can find the Maxi Comfort on page 18.

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





Benefits

- ✓ Relieves the back, hips, knees, and ankles
- ✓ Walking takes less effort
- ✓ Foldable design for easy transportation
- ✓ Compact and lightweight
- ✓ Easily manoeuvrable due to the two wheels

Popular options/accessories

- Detachable basket on the handlebars
- Quick-release lever to easily adjust the handlebars
- Reinforced version (up to 150 kg)
- Ergogel seat
- Various frame sizes available

”

I can't go without my walking bike anymore. I even do my groceries with it, it's allowed in most shops.

—
Ingrid



City

Walking aid

With the City walking aid, also called a walking bike, standing and walking takes a lot less effort. Your body weight is being carried by the seat, which relieves stress on your back, hips, knees, and ankles.

Getting on the City is easy and safe due to the low step-through and the handbrake which keeps the bike in its position. When a wheelchair is not yet needed and a walker is not your preference, the City walking aid will enable you to walk longer distances. Furthermore, the walking aid is allowed in most shops.

The City is easily manoeuvrable due to its compact size and two small, yet robust wheels.





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 duo 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 duo 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 assistance.

”

***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 duo 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 duo 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





”

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

Thomas



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



Technical specifications

	Easy Rider (M)	Easy Rider Compact	Easy Rider Small	Easy Sport	Easy Sport Small	Maxi	Maxi Comfort	Midi	Mini	Husky
Frame height (cm)	-	-	-	-	-	53 ¹	51 ¹	41 ¹	30 ¹	23 ¹
Entry height (cm)	35	32	35	52	41	28	23	25	20	12
Weight (± kg) <small>(Without electric pedal assist, except for the Chat and Easy Go)</small>	49	39	36	39	36	29	32	27	21	11
Max. weight luggage system (kg)	20	10	20	20	20	20	20	20	20	20
Length (cm)	225 ¹ max.	174 max.	175	225 max.	186	180	194	168	136	98
Width (cm)	78	73	75	80	77	75	75	75	60	59
Divisible frame available	✓	-	✓	-	-	✓	-	✓	-	-
Max. user weight (kg) <small>(per person)</small>	140 ²	100	80	120	80	120	120	90	65	65
Inner leg length (cm)	65-88 ¹	63-81	47-73 ¹	65-105 ¹	47-73 ¹	80-95 ¹	76-91 ¹	66-80 ¹	47-59 ¹	35-47 ¹

¹ = Customisable ² = Reinforced version available

	Viktoria	Viktor	Easy Go	Balance	City	Fun2Go	FunTrain	Twinnny	Twinnny Plus	Kivo	Kivo Plus	OPair	VeloPlus	Chat
Frame height (cm)	41	50	-	51 ¹	47 ¹	-	-	52 ¹	52 ¹	30 ¹ _F 52 ¹ _R	30 ¹ _F 52 ¹ _R	52	52	52
Entry height (cm)	18	16	29	22	22	-	-	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>	30	30	64	26	9	76	76	35	44	39	48	58	64	97
Max. weight luggage system (kg)	15	15	20	23	-	20	20	20	20	20	20	20	20	20
Length (cm)	155	173	166	182	113	199	193	259	261	244	246	214	253	232
Width (cm)	80	89	72	66	55	113	113	66	75	66	75	76	110	111
Divisible frame available	-	-	-	-	-	-	-	✓	✓	-	-	✓	✓	-
Max. user weight (kg) <small>(per person)</small>	110	110	140	120	100 ²	120	120	120	120	120	120	120	110/140 ³	120/200 ³
Inner leg length (cm)	63-80	75-93	78-90 ¹	76-91 ¹	70-95 ¹	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 64 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 assistance 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 for your needs
- ✓ 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 assistance (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

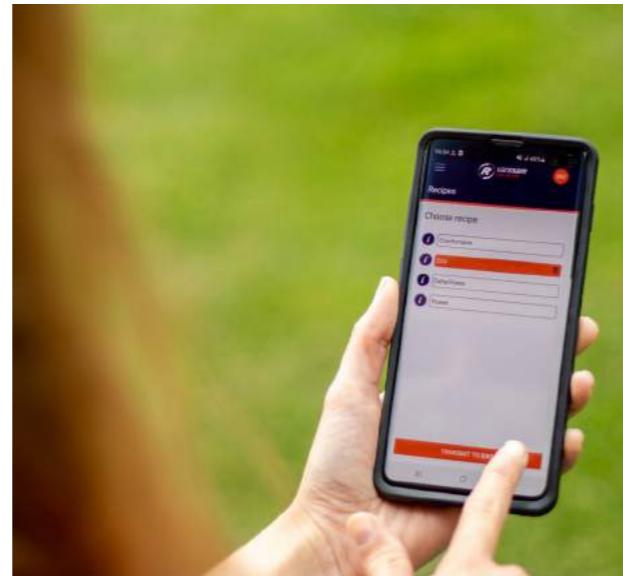
All Van Raam electric bikes are smart e-bikes, meaning that you can access information about your bike through the Van Raam app on your phone. You can download this app for free from the app store on your smartphone and use it as a luxury bike computer.

For example, you can send an SOS message with GPS location, adjust the assistance levels, and check your average speed and total distance after a ride.

VR1F motor Silent electric system



Van Raam e-bike app



Smart display

The Silent system can be operated with the smart display mounted on the bike's handlebars. The smart display has 5 buttons; the power button, 3 buttons for different assistance levels, and the starting aid button.

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 25 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.

Silent smart display

Some of 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 on which you can see, among other things, the distance travelled and remaining battery capacity.

Silent smart display



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.

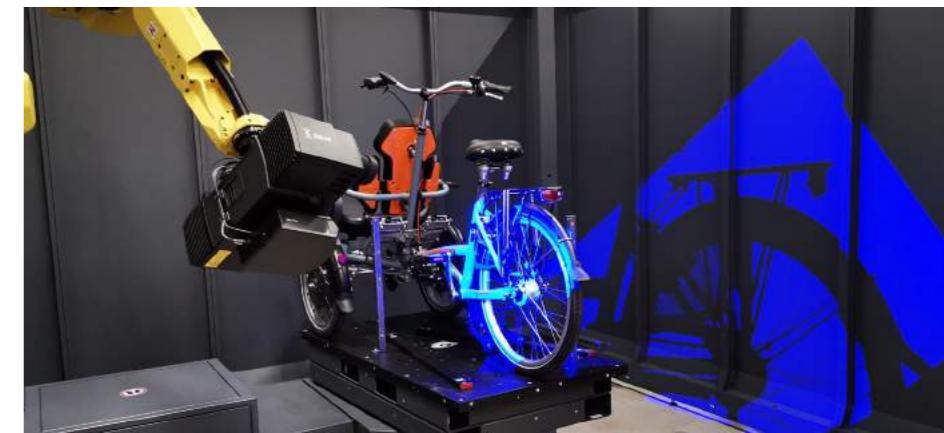
The following innovative developments are applicable to Van Raam:

- ✓ 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



GoCab is a subsidiary of Van Raam. The GoCab is an electric bike taxi that can safely transport 8 children.

The GoCab is a sustainable and safe alternative to other means of transportation such as taxis, and is ideal for after-school care facilities and childcare centres.

For more information about the GoCab, please visit www.gocabbike.com



Benefits of the GoCab

- ✓ Equipped with pedal assist (smart e-bike)
- ✓ Reverse cycling is possible
- ✓ Optimal supervision of the children
- ✓ Environmentally friendly transportation
- ✓ Cycles easily and is easy to steer



Production process

The production process of a Van Raam bike goes as follows:

1. Our Research and Development department (R&D) designs a new bike.
2. The frame is being produced. All our bicycle frames consist of steel tubes that are processed by various machines.
3. The frame is blasted in the blasting chamber and then powder-coated in our in-house powder coating street. A Van Raam bike can be powder-coated in almost any possible RAL color.
4. In our wheel assembly line, we assemble all wheels ourselves. From lacing the spokes and installing the rim tape to fitting the inner and outer tires.
5. In the automated warehouse, all parts are gathered that the mechanics assemble on the bicycle frame of the Van Raam bike.
6. Our mechanics assemble all parts on the bike. Options such as the electric motor, foot fixation, backrest, and walking stick holder are also installed on the bike.
7. When the bike is fully assembled, our mechanics perform a final check and thorough tests in the final inspection.
8. Afterwards, the bike is prepared for transport and shipped to the dealer that has ordered the bike. The dealer takes care of delivering the bike to the customer.



Scan the QR-code with your smartphone or tablet to explore more about the production of an adapted bike on our website.





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 on www.vanraam.com/dealers

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 bikes, walking aid, transport bike, and the mobility scooter bike, a wide variety of options and accessories are also available in the showroom. On page 56 you can find the most popular options and accessories.

Van Raam also has a showroom, or experience centre, in 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!



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. User manuals can be found on the bike's product page on www.vanraam.com

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, Twitter, Pinterest, and LinkedIn, and miss nothing. Subscribe to our YouTube channel and discover new product-, instruction-, and informative videos every week.



Colophon

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Van Raam

Manufacturer of special needs bicycles

Guldenweg 23, 7051 HT Varsseveld, the Netherlands

☎ +31 (0)315 - 25 73 70 ✉ info@vanraam.com 🌐 www.vanraam.com

