

**huka**



MANUAL

# Tricycle Cortes





## Congratulations on your new Cortes

Would you like to cycle carefree? With your Cortes, we want to make your world easier. Probably you would rather go for a ride than read the manual. Therefore, we have compiled a manual that covers the most important and necessary information on the safe use of the Cortes. Please read this manual thoroughly before using the Cortes and always follow the instructions given in the manual. To get the most out of your tricycle

I will sometimes give you a few advices to keep cycling safe and enjoyable.

We are curious about your experiences and where you like to cycle. Would you like to share it with us on Facebook? We love to hear from you!

**We wish you a lot of cycling fun!**

Kind regards

Richard Wiersema

Maker of the Cortes



# Contents

## General

Indication & application	6
Warranty	6
EU Declaration of conformity	8



## First bike ride on the Cortes

Safe on the road	10
Boarding and cycling	11
Brakes	12
Cycling with pedal assistance	12
Battery indication	13
Moving and carrying the bike	13



## Product description

Bicycle frame	14
Drive	14
Wheels and tyres	14
Spokes	15
Chainglider & chain	15
Brakes	15
Bottom bracket, crankset & pedals	16
Gears	16
Handlebar	16
Lighting	16
Seat system	17
Luggage adapter	17
Electric pedal assistance	17
Pass Vario pedal assistance	18
Accessories	19
Securing components	19





## Optimal use

Setting the seat depth	20
Setting the seat angle & height	20
Setting the steering angle	21
Setting the handlebar height	21
Multi-adjustable stem height setting	21
Handlebar stem	22
Angle adjustment	22
Setting the switch stem	22
Wheels	23
Tyre pressure	23



## Best maintenance Cortes

Cleaning	24
Tyre pressure & tread	24
Bonding	25
Spokes	26
Chain	26
Brakes	26
Lighting	27
Charging the battery	27
Replacing components	29

## Specifications 30



## Other

Contact details Huka	32
Modifications	32
Removal of product	32
Selling the Cortes	33

# General

## Indication & application

Your Cortes is specially designed for people who need extra support to cycle stably and safely. This may be because you would like to experience more stability or, for example, because of a neuromuscular disease that can affect coordination or natural movement possibilities.

- The Cortes is designed to be used on normal public roads and cycle paths.
- The Cortes complies with all laws and regulations applicable to the use of public roads.
- It is your responsibility to act according to the specific safety requirements of the country where you ride. This also applies to any insurance that may be required by the relevant legislation including correct equipment for yourself and your bike that the country in question requires.
- You must be independently mobile as a rider and may not have any disabilities that prevent you from safely participating in traffic, such as an (audio) visual impairment.

## Warranty

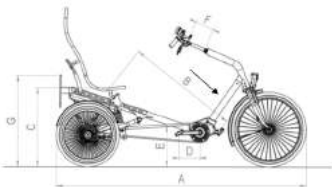
Huka offers a standard 5-year warranty on the frame and the fork of your Cortes. Besides that you have a 2 year guarantee on the battery and other parts. All warranties are executed by your Huka dealer.

- The warranty does not apply to damage or defects to the Cortes that have been caused by improper or injudicious use. The assessment of this lies with Huka B.V. or one of its representatives.
- Also, the warranty does not apply to parts that are subject to wear and tear, such as the chain, brakes and tires.
- Under no circumstances shall Huka be liable for any special or consequential damages due to the negligence of the user of the Cortes. Even if Huka has been notified of such damages.
- Applicable law may not allow the limitation or exclusion of liability or damages. Thus, the above limitation or exclusion may not apply to you.

- The warranty and product liability in general can be voided if instructions in this manual have not been followed. This will be the case if maintenance activities, technical changes, or additions to the bicycle have been carried out with non-original Huka parts without Huka's permission. It also means that the CE-marking has expired. The lack of a CE-declaration can lead to problems with the insurance of the bicycle and with possible damage or liability.

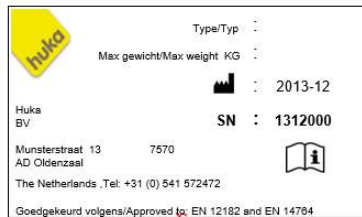
**ADVICE FROM RICHARD** Please write down the frame and key number of your Cortes below. The number is important for guarantees, repairs or in case your bike is stolen for reporting to your insurance company. You will find the number on the frame tube just above the bottom bracket, on the back of the seat post.

#### Framenumber



Location identification sticker

#### Keynumber



Example identification sticker

## EU Declaration of Conformity

Supplied under the sole responsibility of the manufacturer:

### Huka B.V.

Munsterstraat 13, 7575 ED Oldenzaal, Netherlands

Hereby declares that the following tool:

Registered trade name:	Cortes
Product type:	Electric two-wheeled tricycle
Risk class:	Class 1
SRN:	NL-MF-000003494

*to which this declaration relates, is in conformity with the following Regulations:*

Regulations (EU) 2017/745 of the European Parliament and of the Council of 5 April 2017 (MDR).

*And equipped with the CE mark that can be identified by the:*  
labels on the tricycle's main frame and illustrated in the Warranty section of this manual.

Signed on behalf of Huka,



R. Lotgerink,  
Managing Director

Date: 15 April 2021







# First bike ride on the Cortes

The time has come. Your first experience on your own Cortes! Whatever bike ride you do, your safety comes first! If it is your first time cycling on a Huka tricycle, you might have to get used to it. The most important tip we can give you is that you have to relax as much as possible while cycling. To make sure everything goes as smooth as possible, we give you some instructions.

**ADVICE FROM RICHARD** Make sure that the handlebars and saddle are properly adjusted before you start cycling. This way, you can assume the correct posture on the bike.

## Safe on the road

In addition to your skill on the Cortes, which will improve as you use it, it is important that your bike is in optimum condition when you hit the road. We recommend that you take the following aspects into account:

- Before each use, check the condition and function of the brakes, tyres, rims and steering system.
- Bear in mind that the braking characteristics change and the braking distance may increase if the road surface is slippery.
- Make sure that any luggage is securely fastened and cannot move.
- Ride on flat and firm surfaces and avoid deep potholes, high thresholds, puddles of water and inclines greater than 10%.
- Ride at an appropriate speed on wet or slippery surfaces, slopes or precipices. Avoid bumping into kerbs.  
Always lock your bicycle when parking it (with a cable lock if desired).  
Use the parking brake to avoid the possibility of driving off.
- The Cortes is largely made of steel, which is considered non-flammable. The other materials used, such as plastic, rubber, etc. are not fireproof.
- When starting off on a steep slope, lean forward if necessary to prevent the front wheel from lifting. If you are riding backwards on a slope, brake carefully until you come to a stop.

- Descend a slope at a moderate speed so that you can always come to a stop in time and in a safe manner.
- Wear an appropriate bicycle helmet.
- Wear reflective clothing to increase your visibility on the road.

## Boarding and cycling

Always use the parking brake when getting on or off the bike safely so that the bike remains stationary. Apply the parking brake by squeezing the right brake lever (of the rear wheels) and then press the locking pawl. If the hand brake is now released, the parking brake is on.

To release the bike from the parking brake release the parking brake, briefly squeeze the brake lever. Put it in first gear (if important) so you can pedal more lightly. As soon as you are seated and want to ride, remove the bike from the parking brake.



Parking brake activation

- When you get on, lift your foot to the other side so that your feet are on either side of the bike. Take a seat on the seat system.
- Stay seated upright at all times and keep your feet on the pedals. Even when you brake or stand still.

**ADVICE FROM RICHARD** When cycling, steer with your arms and not with your body. Cycling into corners takes some getting used to. In order to maintain stability, lean your body slightly towards the inside of the bend. Avoid sudden and violent steering movements. In this way you can avoid accidents and damage.



Adjust your speed before turning so that all wheels stay on the ground. Leaning in helps with this.

**ADVICE FROM RICHARD** When changing gears, make sure you stop pedalling and select the desired gear. Do not continue pedalling when changing gears. This can damage the gear-shifting mechanism. Damage to the gear hub as a result of abuse is not covered by the warranty.

## Brakes

The Cortes is equipped with hand brakes. Braking is done by squeezing both brake levers on the handlebars. The left hand brake operates the front wheel brake. The right hand brake operates the brakes of both rear wheels. When cornering, it is best to use the right-hand brake. Practise braking on a large enclosed area before you hit the road. You will then become familiar with the system.



Be careful with the front brake when cornering. Using only the front brake in a corner can cause instability of the bike. This can lead to personal injury and/or property damage.



Always use the parking brake when getting on or off the bike. This prevents the bicycle from rolling away. This reduces the risk of falling.

## Cycling with pedal assistance

Your Cortes is equipped with pedal assistance. The electric motor is activated as soon as you start pedalling. Pedalling then becomes lighter. When you stop pedalling, the pedalling assistance stops as well.

- The pedal assistance is switched on by pressing the on and off button on the display for a few seconds. This also switches the pedal assistance off.
- The support can be set at different levels using the buttons on the handlebar.
- By pressing the 'mode' button, you can scroll through the menu on the display. The distance ridden, range, riding time and speed are shown.

The detailed explanation of the pedal assistance can be found in the manual of the manufacturer of this assistance. First check which brand of pedal assistance is fitted.

## Battery indication

The display shows how full the battery is. Check that the battery is full when you travel (longer) distances. The white block gets shorter as the battery gets emptier. When the white block is completely white, the battery is full. There is also a battery indicator on the battery itself.



Battery display Shimano Step5



Battery display Bafang



Exposure to bright sunlight can make various materials very hot.



The product contains moving parts. These include the steering wheel, wheels, etc. Be alert to the danger of crushing.



Vigilance is recommended when using electrical equipment such as a mobile phone when the electric drive is on

## Moving and carrying the bicycle

To move or carry the bike, you can grab it by the frame tube at the back and by the head tube at the front. We recommend that at least two people should be used to lift the bike. When lifting, also hold the handlebars to prevent the front wheel and handlebars from turning and possibly causing injury.



## Product description

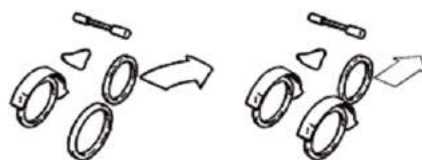
Your Cortes consists of several parts. The most important parts are described in this chapter.

### Bicycle frame

The frame of the Cortes consists of a tubular metal construction complemented by aluminium and stainless steel components. Most of the metal parts are phosphated and then provided with an impact-resistant powder coating. This construction and finish guarantee years of cycling pleasure.

### Drive

The tricycle has its own specially designed drive system on the rear wheels. This drive (by means of a differential) ensures that the bicycle does not twist and that bends can be taken easily. The differential means that both wheels are driven independently of each other. The bike goes straight ahead and turns more easily.



bicycle without differential

Huka bicycle with differential

### Wheels and tires

The wheels are equipped with quality hubs, stainless steel spokes and an aluminium rim. A-quality tyres are mounted on these rims. These provide good grip, low rolling resistance and less wear.

#### **ADVICE FROM RICHARD**

Regularly check tyre pressure and tyre wear to ensure safe cycling. Tyre pressure and tyre wear has a major influence on how your bicycle behaves.



## Spokes

A correct tension of the spokes ensures a stable tricycle. Because of the functioning of the new spokes, the wheels of your Cortes need to be checked after 200 kilometres or 2 months. Your Huka dealer can take care of that. Should a spoke break or become loose, consult your Huka dealer as well.

## Chainglider & chain

The chainglider is made of impact-resistant plastic. This chainglider protects the chain from dirt and water and also ensures that the chain cannot soil your legs or clothing.

With a good chain tension your Cortes will pedal lightly and you won't hear the chain. If you notice that the chain is too slack, have it adjusted by your Huka dealer.

## Brakes

The basic model of the Cortes is equipped with a V-brake as a front brake. Next to that the hydraulic disc brakes control the rear wheels. Your Huka is also provided with a parking brake that you use when getting on and off the bike.

**ADVICE FROM RICHARD** In time, brakes can wear out and are very important for safety while cycling. That is why you should have your brakes checked regularly and, if necessary, adjusted or replaced. Your Huka dealer can help you with this.



Always ensure that the parking brake is activated when getting on or off the bike. This prevents the bike from rolling away.

## Bottom bracket, crankset and pedals

- The bottom bracket bearings that Huka uses are completely maintenance-free and cannot be adjusted. If the bearing does get loose, go to your Huka dealer immediately. If there is play between the crank and the bottom bracket, take off the dust cap and tighten the underlying bolt with a socket spanner 14.
- Most pedals are maintenance-free. Is there too much play? Then consult your Huka dealer. When assembling the pedals yourself, pay attention to the indications L (left) and R (right) on the pedal axles. You turn the left pedal counter-clockwise. You tighten the right pedal clockwise. To do this, use a 15 mm spanner or a special (narrow) pedal spanner.
- Various (modified) pedals are available as an option.

## Gears

Your Cortes is equipped with gears, with the gear hub sitting between the pedals and the drive shaft. This is an 8-speed hub by Shimano type Nexus that is geared to the Cortes. Upon delivery, your Huka dealer checked the gears and adjusted them correctly. The explanation of the gear hub can be found in the Shimano manual.



Adjusting the gear hub is highly specialized work. This should only be done by a Huka dealer.

## Handlebar

The handlebars of the bicycle can be made of steel or aluminium. This depends on the model of bike or handlebar chosen. The handlebar is always adjustable in height. With some handlebar models, the angle and depth are also adjustable.



The seat system and handlebars must always be tightened securely. Check this regularly. A loose seating system and/or handlebar can create an unsafe situation.

## Lighting

The Cortes is equipped with lighting that is connected to the battery. Therefore, the Cortes is not equipped with batteries.

## Seat system

The seating system provides comfort and stability while cycling and is adjustable in depth and angle. It is very important to adjust the seating system correctly in order to cycle efficiently, comfortably and safely. A swivel seating system is optional and will make getting on and off the bike easier.

**ADVICE FROM RICHARD** Check regularly that the seating system is screwed in tightly. A loose seating system can create unsafe situations.

## Luggage adapter

Optionally, the bike can be fitted with a specially designed accessory adapter where various luggage systems can easily be mounted. Ask your Huka dealer about this, so the right materials can be used and the whole thing can be mounted safely.



If you use the accessory adapter, distribute the load as well as possible. The maximum load is 25 kg.



Alterations to the accessory adapter affect its safety and are not permitted. The accessory adapter is not suitable for a trailer or bicycle seat.



If the accessory adapter is loaded, this may affect the riding and braking characteristics of the bike. Always make sure that lamps and reflectors remain visible.

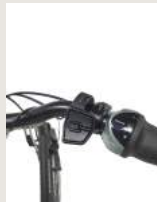


The luggage must be properly secured and distributed. Incorrectly secured luggage can be dangerous for the participating traffic. Straps or belts must be properly secured to prevent them from getting into the wheel.

## Electric pedal assistance

The Cortes is equipped with electric pedal assistance. The bike is equipped with a mid-motor which is mounted to the frame in a specially designed adaption. The battery pack and electronics box are mounted to the rear frame. There is also a clear display with controls mounted on the handlebar.

### Shimano Steps



steering wheel controls



display on handlebar



motor unit



battery pack

### Bafang



steering wheel controls



display on handlebar



motor unit



battery pack

## Pass Vario pedal assistance

With the Pas Vario support you pedal along and the pedaling is supported by the middle motor at the crankset. The degree of support can be adjusted with the control buttons on the handlebars and read on the display. The bicycle is equipped with a Li-ion battery that is mounted via a special adapter at the back of the basic frame.

## Accessories

Your Cortes can be expanded with various accessories. Think of a footrest, another handlebar, cable lock, etc. More information can be found on the price list on our website or contact your Huka dealer.



## Securing components

It is important that crucial parts of the bike are properly secured. These parts must be tightened to the correct torque. The table below shows the values for these tightening torques.

Section	Tightening torque (nm)
Stem / expander bolt	21-23
Bolt seating system	24
Rear wheel nuts	30
Wheel nuts for	40

## Optimal use

Upon delivery of your new Huka, the parts have been adjusted to your body and to your wishes. To make sure you are comfortable, there are adjustment possibilities for the seat system and handlebars.

### Setting the seat depth

1. Remove the protective caps.
2. Loosen the 3 M8 bolts on both sides of the bike slightly using an Allen key.
3. Place the seat in the correct position.
4. Tighten the 3 bolts on both sides of the bike.



The height of the seat changes automatically when the seat depth is adjusted, because the mounting tube runs diagonally upwards. When the seat depth is adjusted correctly, the seat height will automatically be right. With the seat in the right position, you will effortlessly pedal away the kilometres.

**ADVICE FROM RICHARD** A good rule of thumb for the adjustment of the seat is to sit on the bike without shoes with the crank in line with the seat frame. With your heel on the pedal, you should barely be able to extend your leg. From this position, you can adjust the depth of the seat to the most comfortable position for you.

### Setting the seat angle & height

The seat angle is individually adjustable and partly influences the creation of a good sitting position.

1. Using an Allen wrench and a size 13 socket wrench, disassemble the 2 bolts.
2. Tilt the seat to the correct position in terms of its setting and secure it again with the bolts on the adjustment strips with the fixing holes.
3. Refit the bolts and tighten firmly.







All fixing bolts must be tightened securely after setting the correct seat and steering positions. Failure to do so can be dangerous. It prevents the seat from moving suddenly.

## Setting the steering angle

A good posture also depends on the correct handlebar height. The handlebar height, handlebar angle and angle setting of the stem and handlebars can be adjusted for this.

1. Using a size 6 Allen wrench, loosen the handlebar bolt slightly to allow the handlebar to rotate.
2. Turn the handlebar to the desired position.
3. Tighten the handlebar bolt securely again according to the described tightening torque on page 19.

## Setting the handlebar height

1. Use a size 6 Allen key to loosen the stem bolt slightly so that the handlebars can move.
2. Pull or push the handlebar to the desired height. Make sure that the stem remains in the frame enough, so that the safety marking is not visible.
3. Tighten the stem bolt securely according to the specified torque on page 19.

## Multi adjustable stem, height setting

1. Use a size 6 Allen key to loosen the stem bolt slightly so that the handlebars can move.
2. Pull or push the handlebar to the desired height. Make sure that
3. Make sure that the stem remains in the frame enough, so that the safety
4. the safety marking "MIN" is not visible.
5. Tighten the stem bolt again securely according to the specified torque on page 19.



## Handlebar stem angle adjustment

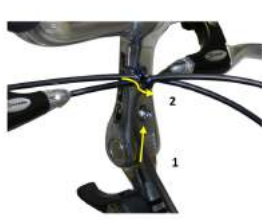
1. Use a size 6 Allen key to loosen the angle adjustment bolt slightly so that the handlebars can turn.
2. Turn the handlebar to the desired angle.
3. Tighten the angle adjustment bolt again securely according to the described tightening torque on page 17.



Adjusting handlebar height and angle



Adjusting height



Adjusting the angle setting

**ADVICE FROM RICHARD** Sometimes the stem is very tight and cannot be moved even when the stem bolt is unscrewed. Take a plastic hammer and hit the stem bolt once. This will shoot down slightly, after which the handlebar will be loose.

## Setting the switch stem

1. Slide the locking tab upwards.
2. Pull the lever upwards.
3. Place the handlebar in the desired position.
4. Press the locking tab closed again.



set switch handlebar stem

## Wheels

The wheels also contribute to the light running and high riding comfort. Properly inflated tyres, tightly tensioned spokes and a slight clearance are important for optimal cycling comfort.

**ADVICE FROM RICHARD** Before you start cycling, check that the wheels run smoothly and do not creak when you ride. Squeaking noises often indicate a loose spoke or a defective bearing. Contact your Huka dealer if this is the case.

## Tyre pressure

Always inflate the tyres properly. This will prevent wear and tear on the tyres of your Cortes. It is also a more pleasant ride and you will be able to react better to braking and steering movements. The right pressure is reached when you can press the tyre with your thumb. You will find more information about tyre pressure on page 24.



## Best maintenance Cortes

Optimum riding comfort is created by maintaining the bike properly. In this chapter we show you how to do this. Besides, we advise you to have your Huka dealer do the yearly maintenance. They will check the Cortes for functionality, safety and possible wear and tear.



After about 200 kilometres or after 2 months you need to have your Huka dealer do the first service. They will inspect the nuts, chain- and spoke tension, etc. If you have the maintenance done by a non-Huka dealer, this can influence the warranty.

### Cleaning

Clean the bike regularly. This can be done with lukewarm soapy water in combination with a mild cleaning agent. Clean the rims with lukewarm water and/or a soft brush. Do not use a wire brush. This will damage the rims. The use of a high-pressure cleaner is not recommended. The high pressure will blow the grease out of the bearings, among other things. Rinsing with a garden hose is fine, as long as the jet is not too powerful. Dry the bike with a cloth.

### Tyre pressure & tread

Regularly check the tyre pressure and tyre profile for optimum grip on the road. The Cortes can be inflated with a normal bicycle pump. The desired tyre pressure is 5 bar. After inflating check that the valve does not leak. To do this, smear some saliva on the valve tube. If a bubble appears, the valve is leaking and must be replaced. If the profile is less than 1 mm deep, the tyres need to be replaced. Your Huka dealer can help you with this. When changing the inner tube and/or outer tube, you should apply the following sizes:

- Front wheel inner and outer dimensions: 507
- Inner and outer dimensions rear wheel : 406

**ADVICE FROM RICHARD** Contact your Huka dealer immediately in the event of a defect. Do not use the bicycle or use it as little as possible until the malfunction has been solved.

## Bonding

Did you find out that a tyre of the Cortes is flat? Your Huka dealer can of course fix it. But if you want to do it yourself, here are the instructions:

Necessary: a repair kit (with tire levers, glue, stickers and sandpaper), a jack, scissors, a bicycle pump and a bucket of water.

- Deflate the tyre and unscrew the valve.
- Place the first tyre lever next to the valve (between the tyre and the rim) and hook it behind a spoke.
- Do the same with the second tyre lever (about two spokes further on).
- Using the third tyre lever, carefully rock the tyre off the rim.
- Remove the tyre from the rim. Check that there is nothing sharp (glass, nail, etc.) on the inside of the tyre. Remove the inner tube from the wheel. Inflate the tyre and search for the leak by holding the tyre under water. The leak is in the area where air bubbles appear.
- Drain the tyre and lightly sand the spot of the puncture. Put some glue on the tyre and leave it for two minutes.
  
- Use a ready-made sticker or cut a circle out of the piece of tape. Stick this onto the puncture and press firmly. Let it dry for 5 minutes.
- Replace the valve in the rim and put it back together. Wait to tighten the thin nut until the whole tyre is back on the bike.
- Inflate the inner tube slightly and place it in the outer tyre. Push the outer tyre all around the rim. Start at the valve and slowly work your way around.
- Inflate the tyre to the correct pressure. Check whether the tyre lies properly on the rim. Tighten the small nut on the valve. The tyre is now glued!

## Spokes

The spokes should be checked for tension once a month. A loose spoke usually gives creaking noises. A loose spoke can cause the rim to warp, which affects the cycling. The spoke check is easy to carry out by strumming your finger along the spokes as you would with a guitar. A spoke with a different tone will probably be loose. Your Huka dealer can do the repair for you.

## Chain

The chain should be cleaned and lubricated every quarter. Besides that, the chain tension should be checked regularly. We advise you to have this work done by a Huka dealer.

## Brakes

Regularly test the functionality of the brakes. A brake that is adjusted too loosely does not brake sufficiently. The brakes can easily be adjusted a little tighter with the adjusting nut on the brake handle.

To tighten the brake cable slightly, you can turn the adjusting nut on the brake handle outwards. You can then secure this position by turning the lock nut against the adjusting nut and tightening it.



Are the brakes not adjustable or does the Cortes still not brake well?  
Then have them checked and adjusted by your Huka dealer.

The rear wheels are braked with a hydraulic disc brake. This is a closed system filled with brake oil that does not require adjustment. A not well functioning rear brake indicates worn brake pads or air in the brake system. Always have your Huka dealer check a not properly functioning rear brake.



## Lighting

The headlight and rear light are connected to the battery for pedal assistance. When the battery is started, the lighting is switched on automatically. The lighting can be switched off by pressing the lighting button on the display.



## Charging the battery

The Cortes is always equipped with pedal assistance. Check before you start cycling that the battery is still sufficiently charged. Depending on the capacity, charging takes between 3 and 6 hours. Always use the supplied original battery charger. Charging is done according to the steps below.

## Unlocking the battery

1. Switch off the power supply and insert the key in the lock cylinder of the battery pack.
2. Turn the key until you feel some resistance so that it is in the unlocked position.
3. Carefully remove the battery or attach the adapter to the charging plug.

## Shimano Steps



## Bafang

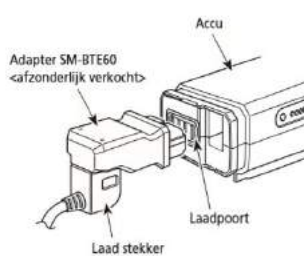


1. Attach the adapter to the charging plug.
2. Plug the charging plug into the mains socket.
3. Connect the adapter to the battery's charging port.

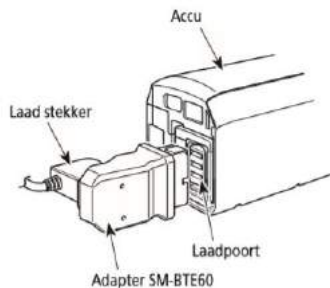
## Shimano Step5



Step 1



Step 2



Step 3

## Accu replace

1. Place the battery pack on the back of the rail on the battery holder. Slide the battery pack forward and then push it in firmly.
2. Turn the key back to the locked position and remove it.

If you would like more information about the Shimano pedal assistance, download the comprehensive instruction manual at [www.huka.nl/garantie](http://www.huka.nl/garantie).

**ADVICE FROM RICHARD** Low ambient temperatures have an adverse effect on charging. At temperatures below 10 degrees, it is best to take the battery indoors and charge it at room temperature.

## Replacement of parts

Is your Cortes broken or do parts need to be replaced?

We advise you to have this done by your Huka dealer. This way you prevent the factory warranty from expiring.



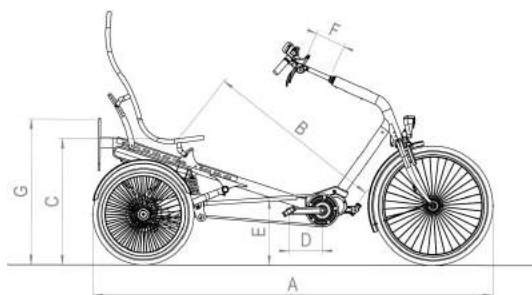
Always have original Huka parts mounted on your bicycle. Your Huka dealer can take care of that for you.



# Specifications

	Standard version
Material frame	anti-corrosion treated steel
Coating	outdoor quality epoxy powder coating
Color	matt black (RAL9005) or matt grey (RAL7040)
Wheels	double-butted rim and hub with stainless steel spokes
Tyres	Schwalbe Big Ben Plus (anti-puncture)
Drive	freewheel with differential in rear axle
Speed hub	8-speed Shimano Nexus hub (optional)
E-drive	Shimano Steps E6100, mid motor 250W - 60 Nm alternative: Bafang M400 mid motor 250W - 80 Nm
Lighting	LED lighting front and rear, display on the handlebar
Call	sporty and easy-to-use bell, type Decibel
Mudguards	impact and form-retaining, plastic covered
Chain protection	Hebie Chainglider
Handlebar	sportly bent designed
Handles	rubber
Seating system	low back, not rotatable. Seat angle and depth adjustm.
Pedals	metal with anti-slip
Front brakes	Shimano v-brake
Rear brakes	hydraulic disc brakes incl. parking brake
Suspension	adjustable suspension
Options	see price list for various options

	Standard version
Total length in mm (A)	2065
Total width in mm	785
Weight in kg	48
Crank length in mm (D)	170
Inner leg length in mm (B)	670-950
Seat height to ground in mm (C)	600-670
Height of rear frame in mm (G)	600
Entry height in mm (E)	360
Height adjustment seating system in mm (F)	250
Seating system width in mm	650
Maximum load in kg	150
Front tyre size in ETRTO	55-507
Front tyre size in inches	24 x 1,75
Tyre size rear in ETRTO	55-406
Tyre size rear in inches	20 x 1,75



**ADVICE FROM RICHARD** Do you have questions about the maintenance of your Cortes? Your Huka dealer will be happy to support you. In this manual we also give you tips on how to maintain your bicycle.

## Contact details Huka

Do you have questions about our product development? Or do you have suggestions to improve our Huka-bikes? Then please contact us.

Münsterstraat 13  
7575 ED Oldenzaal  
+31 (0)541-572472  
info@huka.nl  
www.huka.nl  
The Netherlands

For questions about the maintenance of your Cortes, we refer you to your Huka dealer.

## Modifications

Huka uses the philosophy of continuous product development and improvement. That is why the product delivered can deviate from the illustrations shown. Huka B.V. reserves the right to make changes to the product as described in this manual. No liability is owed for this. Printing errors reserved.

For the most recent version of the manual go to [www.huka.nl/en/manual](http://www.huka.nl/en/manual)

## Removal of product

Do you no longer use the Cortes? Please contact your Huka dealer. They can guide you with a possible sale or trade-in. If you want to dispose of your tricycle, you can also contact your local waste disposal company. They will dispose of the tricycle according to the regulations and laws of your place of residence.



If you want to replace the batteries of your bicycle, please note that this is chemical waste. Therefore, make sure that it is disposed of properly.

## **Selling the Cortes**

If you want to sell your Cortes to another user, it is important that you provide all the necessary technical documentation so that the new owner can use the bike safely.

We advise you to have the bicycle checked by your Huka dealer before selling it, so you can be sure that the Cortes is sold in good condition. Do you want to buy a used Huka-bike? Then we advise you to have it checked by your Huka dealer. They can check if the bicycle is subject to wear and tear, and/or if there are any hidden defects.







# Huka makes your world easier

Based in Oldenzaal, we have been developing and producing bicycles that make a difference in the world of riders for more than 40 years.

## Innovative bikes

Your mobility, independence and freedom is our passion. With a committed team, we supply a broad collection of innovative bicycles and other means of transport based on Dutch design. In our own country and far beyond. We are represented in America, Sweden, Norway, Belgium and Germany, among other countries. Our focus is not on providing products for people with disabilities, but on providing solutions that keep you mobile.

## Always looking for the best solution

Our bikes can be used by anyone. Unlimited. If you like it and it offers you the functionality you're looking for, then a Huka will suit you. Our team works together with visible pleasure on (new) solutions. That is what we go for every day. Unlimited. Always looking for the best solution.

The Huka logo consists of the word "huka" in a bold, lowercase, sans-serif font, colored in a dark blue. The text is positioned on a white, diamond-shaped background that is tilted at an angle.

Your Huka dealer