

*Velocity*

ELECTRIC



LIFE-SAVING  
PRACTICAL  
INTUITIVE  
BEAUTIFUL

LUMOS®

 **AHOOGA**  
hyperlight electric bikes

 **LOGO**  
e-BIKES

*schindelhauer*

**HAIBIKE**

**tern** 

**ARCC**  
INNOVATIONS

  
ROYAL DUTCH  
**Gazelle**

**ORBEA**

**BROMPTON**

**gocycle**®

**mulix**

**FRALEIGH**

**KALKHOFF**  
MY BIKE

# A few facts about e-bikes...

01.

## What to look for in an e-bike



### Urban commuting

- Folding bikes are most useful to take on public transport or in your car, helping you to get to your meetings on time and looking fresh.
- Look for a comfortable saddle and a chain guard or a belt driven option for easy maintenance.
- Less gears will keep your journey simple on those flat roads.



### Urban leisure

- Look for step-through frames for easy hop-on and hop-off whilst running errands.
- Comfortable saddles will make your trips enjoyable as well as mud and chain guards to protect you from the wet weather.
- Keep an eye out for impulse motors for instant power uphill.



### Road

- Choose a lighter frame or a diamond shape for higher speeds.
- Drop bars are available for a lower racing position.



### Trekking, trail and mountain-biking

- Broad gear ranges will give you extra uphill power.
- Look for tougher, well-engineered designs.



### Cargo transport

- Our cargo bikes are designed to carry large packages as well as little people so look for children carriers and seat accessories.
- If minimal space storage is needed then opt for folding features with the Tern GSD.
- Longer journeys mean you might need extra batteries so always be prepared.

02.

## Things you might not know about e-bikes

All our bikes meet the EAPC (Electrically Assisted Pedal Cycles) requirements which means they are classed as normal pedal bikes, so you can ride them on cycle paths and anywhere else pedal bikes are allowed.

**15.5mph**  
(25km/h)

is the current speed limit for e-bikes, after which the pedal assist will stop.

**14 yrs**

is the age from which you can ride an electric bike in England, Scotland and Wales.

03.

## What is the range and what does it depend on?

The range is how many kilometres the battery can last for. It is dependent on many conditions:

### On the battery

- Battery capacity
- Age and condition of the battery

### On the user

- Weight of the rider and load
- Selected assist level
- Gear-shifting action
- Sitting position

### On the e-bike

- Maintenance condition, tread profile and tyre pressure
- Efficiency of the drive

### On the environmental conditions

- Terrain
- Surface
- Wind conditions
- Temperature
- Number of start-ups



04.

## E-bike battery golden rules

The life of a battery is particularly influenced by the nature and duration of the use. All lithium-ion batteries age naturally, even when not being used.

### Factors that shorten battery life

- intensive use
- storage at temperatures at more than 30°C
- lengthy storage in a completely charged or discharged state
- parking the electric bike in direct sunlight for long periods

### Factors that increase battery life

- limited load
- storage at ambient temperatures between 5 and 30°C
- storage at a charge status between 30 and 60%

05.

## Folding, non-folding?

- Folding e-bikes are great for small spaces especially in the city, they can fit in the entrance of your apartment, but also under your desk at work or in a restaurant, cafe or bar.
- If you tend to travel a lot, folding e-bikes are perfect to take on trains, underground, buses as well as in your car for a weekend break.

# Get the e-bike smile.

Making the leap into cycling can be daunting. For anyone who has watched from the pavements as cyclists effortlessly glide by, crunching the mileage en route to work or simply getting a lung-full of fresh air on a spring morning, the barriers to entry are constantly shrinking away. It can very often be that final hurdle; "what about the hills"; "What about my dishevelled look on entry to the office", that can so often be the stumbling block. Step in Velorution Electric bikes with motors to put the wind in your sails and take the burn from your thighs. Research over in North America found that of the 1,800 electric bike owners asked, 76% would otherwise have undertaken their longer trips by car had they not bought into a little motorised help. When it comes to the hills, many in the electric category will give back what the rider puts in and thanks to torque sensors, understand when that input needs to kick up a gear. Hitting a gradient that feels daunting? Take a few strides and feel the motor take on the strain leaving you to sit comfortably on those previously insurmountable inclines.

Does the price tag put you off? Consider the cost against the alternatives. The average petrol car is said to cost around 14.19 pence per mile in fuel costs alone. Then there's tax, insurance, maintenance, parking and MOT, to name just a few extra weighty costs. You may be surprised to learn that modern electric bikes can run at just a fraction of this cost, generally costing around 0.13 of a penny per mile in associated electricity costs, or between 5 to 10 pence per charge. Above and beyond charging costs, the electric bike shouldn't set you back much more than your typical bicycle, barring a battery replacement at intervals ranging between 3 to 8 years, depending on your spec choice.

A typical electric bike motor will take the sting out of acceleration, helping riders quickly get up to speed (15.5mph at top speed if in the UK). This nudge off the lights will enable the city cyclists to get ahead as the amber turns to green and thus quickly move

clear of left hook dangers at junctions and into a comfortable and controlled stride alongside others on the road. In cities getting ahead of those exhaust fumes is, needless to say, a breath of fresh air. Of course it's not all about putting the power down and hitting new peaks, the bicycle is after all a form of transport and such things need to blend seamlessly with our routines. Many of us will seek to go about daily errands by bike, but can struggle hauling larger loads. At Velorution Electric we have a range of e-Bikes that will take the sting out here too, strongly consider the potential to replace car journeys and cater for carrying luggage on front and rear racks. There are also good health benefits, research shows that, despite the assistance, electric bike users very often do see notable improvements in aerobic capacity and blood sugar levels. Just a 12% difference in lung output was recorded between pedal power alone and e-Bike users. With the advance of technology, electric bikes capable of off road jaunts have drawn in new and often younger blood. Some of Europe's biggest bike makers even make electric bikes specifically for children now. The electric bike is a leveller for the whole family.

The most commonly chosen motors – made by Bosch, Yamaha, Bafang and Shimano – will link to a handlebar-mounted remote that determines the level of assistance required. To maximise your mileage, it is wise to choose Eco mode until assistance is essential, though many will be tempted to hit the boost away from traffic lights in the city. It is very often the case that sceptics are won over once they experience the electric bike, purists will argue until they're blue in the face, of course, but the electric bike is not for them – it is instead an opportunity for you to move around comfortably and quickly and for others who may have no intention of becoming 'cyclists' to try a new means to get from A to B with an e-bike smile!

## Urban & Road



Kalkhoff



Berleen

Kalkhoff



Sahel

Orbea



Gain Road D40

Kalkhoff



Entice

Schindelhauer



Heinrich

Orbea



Gain Road M20

Kalkhoff



Image

Gazelle



Vento

Orbea



Gain F10

Logo



XD02

Gazelle



Orange C7+ HMB

Gazelle







C8+ HMB

## Folding bikes

Simply fold your bike and jump on the train. Unfold and make your next meeting in quick time. Velorution's range of electric folding bikes can take you anywhere without compromising on performance. Experience some of the lightest in class and cycle seamlessly around the city. From no more than ten seconds to a few minutes, these bikes fold down to a very compact and portable size, practical and discrete.



-  Fast folding time (excluding Gocycle)
-  Lightweight 13kgs to 18kgs
-  30-60 miles depending on settings
-  2 to 7 hours depending on bikes

Tern



Vektron S10

ARCC



ARCC Moulton

Gocycle



G3

Gocycle



G5

Raleigh



Stow-E-Way

Brompton



Brompton Electric

Ahooga



Comfort +

Ahooga







Light +

## Mountain & Trail



Our trail bikes offer many options for the sporty adventurer. Enjoyable off-road, some of the trail bikes can also feel at home on gruelling city streets. These bikes come with many variations, fit for tougher terrain with a wide range of gears and motor choices. Most of these bikes feature internal or integrated batteries. This eliminates the need for a bulky, high-output battery that has to be removed from the bikes frame. Ride one of Velorution's superb trail bikes and you will feel the power, balance, and freedom, enjoyed from a high-end power assisted machine.

-  Designed for urban, mountain & trail
-  Integrated battery in down tube on some models
-  40 to 100 mile range
-  Choice of battery sizes

Haibike



Trekking 6.0

Haibike



SDURO Fullseven 7.0

Orbea



Gain M21 19 All Road

Gazelle



T10 HMB

Haibike



SDURO Hard 7 1.0

Haibike



SDURO Cross 9.0

Kalkhoff



Endeavour Excite B11

Kalkhoff





Endeavour


# A little more about the motor systems on our e-bikes...




## Bosch Performance Line


 Sporty dynamic support of up to 63 Nm provides more power during start-up, aiding powerful riding in any situation.


 The drive unit provides strong support at low cadences, for example for more power on hill starts.

 Sporty dynamic support in two variants: Cruise (25 km/h) and Speed (45 km/h).


## Bosch Active Line


 A maximum torque of up to 40 Nm ensures gentle supporting acceleration.


 Maximum drive: Gentle support, perfect for city trips.

 Moderate support for greater mobility in everyday use up to a maximum of 25 km/h.


## Bosch Performance Line CX

 With a torque of up to 75 Nm. For sporty acceleration even in alpine terrain, without changing gear.


 Lasting support for riders enables powerful drive, fast sprints and a very sporty riding style.

 Support up to 25 km/hr. Does not overheat even on long mountain trips.

## Bosch Active Line Plus

 Maximum torque of up to 50 Nm ensures harmonious, agile acceleration.

 Maximum drive: Sufficient support, perfect for city trips or relaxed tours.

 Perfectly measured support for increased mobility in everyday life up to a maximum of 25 km/hour.



## Shimano Steps E6000

Torque: up to 50Nm  
One of the lightest, most compact motors on the market  
Range: up to 150 km  
Power: 418 or 504 Wh  
Recharge: 2 to 4 hours

## Shimano Steps E6100

Torque: up to 60Nm  
Drive unit saves 20% energy (vs E6000) for increased range  
Range: up to 170 km in eco mode  
Power: 418 or 504 Wh  
Recharge: 2 to 5 hours



## E-bike Motion

Torque: up to 40Nm  
Assistance: up to 25 km/h  
Recharge: 3 hours  
Power: 250W  
Range: 50-75km



## Fazua

Torque: up to 40Nm  
Assistance: up to 25 km/h  
Recharge: 3 hours  
Power: 250W  
Range: 50-75km



## Impulse 2.0

Torque: up to 70Nm  
Assistance: up to 25 km/h  
Recharge: up to 6 hours  
Power: 250W  
Range: up to 135-205km

## Gain Road series



Gain M10 19

Frame material: Carbon  
Shimano Dura-Ace 9100



Gain M20i 19

Frame material: Carbon  
Shimano Ultegra Di2 R8000



Gain M20 19

Frame material: Carbon  
Shimano Ultegra R8000



Gain M30 19

Frame material: Carbon  
Shimano 105 R7000



Gain M21 19

Frame material: Carbon  
SRAM Force 1

Bikes like this seasons' pedal-assisted Gain platform - one of the first to truly be visually indistinguishable in design from solely pedal-powered bikes - are turning heads all over the globe. With hidden assistance delivered by a discreet rear hub motor, these electric bikes are vastly broadening the horizons of both seasoned cyclists, long distance tourers and even those who are new to cycling, or lacked power under their own steam before the advent of the technology.

Though e-bike tech is relatively new, Orbea has been producing bicycles since 1931, with an in-depth portfolio of mountain bikes, road, triathlon and trekking builds rolling off the production lines. Delivered with a lifetime warranty, Orbea is confident you'll love the ride, whichever platform suits you best, from the first pedal stroke to the very last.

All Road E - Gravel grinding has surged in popularity and for good reason; who wouldn't want the flexibility of off road tyres paired with the speed and efficiency of a road set up? Orbea aren't new to this concept, but what is as good, as unheard of before now, is the ability to pair all that adventure capability with the assistance of a pedal-assist motor. When this bike first landed at Velorution we were itching to throw a leg over as our testers immediately saw the potential. Not only does this build bear very little sign of its hidden capability, making it instantly desirable on looks alone, but it's actually incredible value for money too.

Have you long lusted after a city bike that doesn't ride like there's a slight headwind holding you back as you accelerate away from the traffic lights?

## Gain Urban series



Gain D20 19

Frame material: Aluminium  
Shimano Ultegra R8000



Gain D40 19

Frame material: Aluminium  
Shimano Tiagra 4700



Gain D50 19

Frame material: Aluminium  
Shimano Claris R2000



Gain D21 19

Frame material: Aluminium  
SRAM Force 1



Gain D31 19

Frame material: Aluminium  
SRAM Rival 1



Gain F40 LR

Frame material: Aluminium  
Shimano Altus



Gain F30 LR

Frame material: Aluminium  
Shimano Claris R2000



Gain F20 LR

Frame material: Aluminium  
Shimano 105 5800



Gain F10 LR

Frame material: Aluminium  
Shimano Altus



# AHOOGA

hyperlight electric bikes

Belgium-designed Ahooga brings to the table plenty more than a smooth aesthetic and if you've some aspirations for something with unique flair then the label is well versed in delivering custom paintwork within a four week turnaround. Even by electric bike standards, the ride is effortless. Built around a super-stiff aluminium frame, and nimble 20-inch wheels, the bike is paired with a sit up and beg riding position. Finally, a hint of city speed is delivered via a smattering of high-end componentry as well as the trusty kick of an EU certified powerful 250W rear hub motor.

Per charge, the Ahooga will typically deliver between 50 to 70 kilometres of assistance, all depending on your local topography. The battery can, of course, be switched off to save the juice on the flats. Should you wish to travel under one's own steam the 52 tooth chainring at the front will deliver great top-end speed, while a 11 to 28 tooth cassette opens up further potential as the inclines steepen.

The fold is intuitive: a lift of the saddle sees the rear wheel pivot under the frame. A further fold at the handlebar and you're ready to hit the tube. It's a mere ten second process to pack the bike down to 33" x 29" x 11".



**Ahooga Essential**  
Caliper brakes  
Sporty saddle  
24V / 4,4Ah battery



**Ahooga Light +**  
Caliper brakes  
Carbon saddle  
24V / 4,4Ah battery



**Ahooga Style +**  
Caliper or Disc brakes  
Leather anatomical saddle or Selle Royale  
24V / 4,4Ah or 24V / 7Ah battery



**Ahooga Comfort +**  
Caliper or Disc brakes  
Comfy saddle  
24V / 4,4Ah or 24V / 7Ah battery



**Ahooga Power +**  
Disc brakes, larger tires  
Ergonomic and intelligent OLED display  
36V – 250W motor



# ARCC

INNOVATIONS



Part of the joy of cycling is the exercise you get whilst having the freedom of movement that public transport and cars do not offer, however on a sunny day it can be pretty hot and sweaty plus the hills can be a challenge especially after a long day.

Enter the electric assist bicycle, which gives your muscles more power when they most need it by sensing when you are pressing hard on the pedals and supplementing your efforts. It feels like human turbocharging. The only downside is that many of the electric bikes are a little on the utilitarian frumpy side. But what if there was a simple system you could bolt onto your own bike, or your favourite design? Well there are many, but they are often pretty complicated to attach and of dubious quality – something that might be a problem with spare batteries and parts. >>



ARCC Abington



ARCC Rosemont



There is now a solution that allows you to have your bike and ride it, electrically: the ARCC ePod; created in the heart of rural Cambridgeshire this beautifully made device can be fairly simply attached to most bicycles by replacing the front hub with a motor and attaching a battery and power management module to the front stem just below the handlebars.

The ARCC e2-pod power system has been designed by ARCC Innovations to provide unique intelligent bike power. It combines variable power levels with automatic hill/gradient compensation and launch control. This allows commuting cyclists to choose the amount of effort both they and the motor provides, automatically compensates for hills and gradients and provides 'launch control', for safety, when moving away from lights and crossings in heavy traffic. The ARCC e2-pod can be attached and removed from the bike in seconds and uses an industry standard 4.0 Ah Bosch battery. This battery gives a typical range of about 30 miles and can be recharged in 35mins on a desktop charger. A 6.0 Ah Bosch battery is also available, with a 55min charge time and a 40 mile range. When the pod is removed, the bike reverts to its standard configuration and can be used as a regular bike.

ARCC have machined and anodised a Bluetooth rechargeable remote-control that fits neatly on your handlebar.



# BROMPTON

## ELECTRIC

The Brompton Electric has smart features, a sleek design and is simple to use. The bike has four modes, ranging from no assistance, where the bike rides smoothly without the battery, through to a high level of assistance, perfect if you want to arrive fresh to a meeting or are climbing a large hill. The bike has a custom-developed 250W front hub motor giving an extremely high performance-to-weight output.

The Brompton Electric still folds to the same size as a non-electric Brompton and to aid portability, the battery can be carried separately integrating neatly into a shoulder bag. The battery features intuitive user interface and USB charging port for mobile devices. All Brompton Electric bikes come with the standard 1.5 litre battery bag, which has a pocket to fit your essentials or your charger. However, there is an additional option to buy a 20 litre commuter bag, which can store your larger items like a laptop as well as the power supply and more.

Brompton Electric is a very smooth ride thanks to the smart, integrated torque and cadence sensor. The choice of gearing will be 2-speed or 6-speed and the bike has a range of 25 to 50 miles.

The charging time, using the standard 2A charger, to 80% charge will be 3-3.5 hours and to 100% in 4-5 hours. There is also a fast-charger option, reducing the charging time by up to 50% so you can get on the road quicker if you're ever running low. The basic M2L version weighs 13.7kg and the M6L 14.5kg plus the battery 2.9kg.





Dutch bike company Gazelle have been building quality bicycles for 125 years. Gazelle electric bikes provide the smoothest and most comfortable ride, offering a wide range of e-bikes with pedal assistance; you simply choose the best bike for your lifestyle. Made to last, nothing is too difficult for your Gazelle e-bike, carrying heavy shopping in your panniers, commuting daily to work or recreational cycling through the hilly countryside. Whiz around everywhere with that extra boost. The Gazelle range offers something for everyone. From reliable daily transport to a more sporty ride.

With the weather – and especially the wind and rain – it can be nice sometimes to get some extra assistance while cycling. This also holds true if you want to travel a long distance on your bike or even if pedalling gets more difficult. In such cases an e-bike is an excellent answer: optimum cycling pleasure with minimal effort and maximum assistance. But even if you don't need added assistance per se, an e-bike can be the right choice. E-cycling makes it a little easier to get going and much more fun too!

Choosing the ideal e-bike can be quite a challenge. It is not an easy choice because there are so many models. Available with or without Walk Assist, front or rear motor, standard or high-power motor – which will suit you best? Come and try a bike to find out!



**Orange C310 HMB**

Bosch Active Line  
48 Nm torque  
Battery integrated in carrier  
Stepless hub gear system  
Hydraulic rim brakes



**Grenoble C7+ HMB Elite**

Bosch Active Line Plus  
50 Nm torque  
Battery integrated in carrier  
7 gear hub system  
Hydraulic disc brakes



**CityZen T10 HMB**

Bosch Performance Line  
63 Nm torque  
Battery integrated in frame  
10 gear derailleur system  
Hydraulic disc brakes



**Orange C7 HMB**

Bosch Active Line  
48 Nm torque  
Battery integrated in carrier  
7 gear hub system  
Hydraulic rim brakes



**Vento C7 HMB**

Bosch Active Line  
48 Nm torque  
Battery integrated in carrier  
7 gear hub system  
Hydraulic rim brakes



**Orange C8 HMS**

Shimano STEPS E-6100  
50 Nm torque  
Battery integrated in carrier  
8 gear hub system  
Hydraulic rim brakes



**CityZen C8+ HMB**

Bosch Active Line Plus  
50 Nm torque  
Battery integrated in frame  
8 gear hub system  
Hydraulic disc brakes



**Grenoble C7+ HMB**

Bosch Active Line  
48 Nm torque  
Battery integrated in carrier  
7 gear hub system  
Hydraulic rim brakes



So passionate was Richard Thorpe about creating the perfect e-bike that he left a dream design job with McLaren Cars to dedicate all of his time to that purpose. With his experience in designing lightweight racing car components and enthusiasm for innovative engineering excellence, Richard believed that an e-bike should be elegant, desirable, a joy to live with and fun.

Perfectly designed for commuting, running errands, or just having fun! Don't put off buying an electric bike any longer. Owning and riding a Gocycle is your chance to start living a more active, healthy and sustainable lifestyle. The multispeed enclosed chain drive keeps all the oily parts away from your clothes.

Available with a multitude of accessories.



Gocycle G3



Gocycle GS



#### Velorutionary - Tom

##### *Which bike are you riding, and why?*

I ride a Gocycle G3. I'm a newcomer to city cycling, but was determined to get on my bike as I'm commuting from the shires for the first time in 20 years. Being a proud early adopter of all things tech, and a supporter of great British businesses, I'm not sure there was any other choice to be made!

I love the comfort, the engineering, and how it shrinks London. I'll get return on the investment simply from my reduced Uber bill, plus I'll never have to go on the tube or pay for parking again.

##### *How long have you been a cyclist?*

I've always cycled, but only for leisure, never as transport until now, but I am never looking back. My work team is a very bikey bunch, and I've been welcomed as a cyclist despite having a motor on my bike.

##### *What appeals to you about cycling?*

Tom - I'm a sucker for gear, so that's a big part; barely a week goes by that I don't pick up some accessory or other from Velorution. My Topeak phone holder and my lightweight vented Carrera helmet are the latest acquisitions. I love my morning ride through Hyde Park, a chance to take stock and prepare mentally for the day. The exercise is good too,



I do about half the work and it's great for my health.

##### *What's your favourite cycle route or destination?*

I cycle through Hyde Park, down the Mall to Buckingham Palace, then via Whitehall and Horse Guards Parade, and onto

embankment. It's a long way round, but feels safe and airy compared to the short route.

##### *How often do you ride?*

Every day.

# HAIBIKE

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With the introduction of the Haibike XDURO FS in 2010, the company opened the doors to a completely new bike sport: ePerformance. This marked the beginning of the Haibike success story and started the eMTB boom. Haibike were the first, and for a long time the only ones, to believe in the potential of sporty e-bikes, and they still do today—more than ever. ePerformance combines physical performance with electric support. Ride an ePerformance bike and you will feel the power, balance, and freedom the high-end power assisted bicycles provide. Man and machine form a natural and healthy balance.

Despite their kinship: ePerformance bikes are not bicycles with assistance nor are they motorcycles with pedals. They are a completely new class: one with its own characteristics, its own products, and its own culture, and a company that believe e-bikes should not hide their characteristics, such as the motor should be convincingly integrated, but never hidden. Their goal is to engineer consistent, well-proportioned e-bikes that shape the entire class of ePerformance bikes.

The world needs more people on bikes. Bikes can make and keep us healthy – mentally as well as physically. e-bikes provide that opportunity: by removing many of the barriers to entry associated with traditional cycling and enticing more people to get involved. It doesn't matter how old you are, or how fit or healthy you are: e-bikes are for everyone.



**SDURO CROSS 9.0**

Bosch Performance CX Intube  
500 Wh battery  
Shimano Deore XT M8000 Shadow  
Plus, 11 speed



**SDURO TREKKING 6.0**

Yamaha PW-SE System Intube  
500 Wh battery  
Shimano Deore XT T8000, 20 speed



**SDURO TREKKING 3.0**

Bosch Performance CX  
500 Wh battery  
Shimano Alivio M4000, 9 speed



**SDURO TREKKING 1.0**

Bosch Active Plus  
400 Wh battery  
Shimano Acera M360, 8 speed



**SDURO HARDSEVEN 1.0**

Yamaha PW-SE System  
400 Wh battery  
Shimano Altus M2000, 9 speed



**SDURO HARDSEVEN 8.0**

Bosch Performance CX  
500 Wh battery  
Sram NX, 11 speed

# KALKHOFF

## MY BIKE

Part of a much bigger parent company, but with a personality all of its own, Kalkhoff's bikes pack advanced technology and effortless style in equal measure. The Cloppenburg bike maker dates back to 1919 founded by namesake Heinrich Kalkhoff whose small workshop at his parent's house was outgrown quickly. By 1939 his business had produced more than 700,000 frames, though shortly after the manufacturer's prowess was forcibly turned to focus on the Second World War. Bicycle production returned during the 1950s cycling boom and has thrived ever since. Fast forward to the present day and electric bike technologies have broken ground under the Kalkhoff banner.

Simplifying things under four categories – City, Urban, Trekking and Commute – Kalkhoff has developed some stunning electric bikes with design emphasis placed on seamlessly blending with the everyday lives of its customers. The city segment is best suited to those looking to cruise in comfort to and from work. Meanwhile, the Urban segment better considers the challenges of tight spaces, whether that be narrow streets or cluttered apartments. Finally, the Trekking offers a variety of frame designs, electric drive assistance options and colours, ensuring you have the perfect companion for weekends away in the countryside.

Kalkhoff has built its electric bikes not only to help with the hills, but also to be a practical companion for daily commutes, shopping and socialising!



**Sahel 3I Move**

Impulse 2.0 motor  
Shift sensor technology  
Compact frame  
Shimano Nexus, 8 speed



**Image 5B Advance**

Bosch Performance CX  
Shimano Deore hydraulic disc brake  
Shimano Nexus, 8 speed



**Agattu 3B Move**

Bosch Active Plus  
Magura HS11 hydraulic rim brake  
Shimano Nexus, 7 speed



**Endeavour 5I Belt**

Impulse Evo RS  
Gates belt drive  
Shimano Alfine, 8-speed



**Entice 5B Tour**

Bosch Performance Line  
Hydraulic disc brakes  
Shimano Deore, 10 speed



**Endeavour 5S Belt**

Shimano E6100  
Gates belt drive  
Hydraulic disc brakes  
Shimano Alfine, 8-speed



**Agattu 3I Excite**

Impulse Evo  
Gates belt drive  
Shimano Nexus, 8 speed



**Berleen Advance G10**

Groove Go, 36 V / 250 W  
Hydraulic disc brakes  
Shimano Tiagra, 10-speed



Inspiring, innovative and stylish. That's what LOGO stands for. Founded by Rob Beset and Rolf Singenberger, two cycling addicts who saw bike brands and manufacturers all around the world.

Together they designed, developed and created award winning and tour winning bikes. But despite their successes, they weren't satisfied yet. They wanted to challenge themselves with something new that would answer the needs of new trends where the focus would be on Smart E-Mobility, direct contact with consumers and outstanding services towards the actual users.

What defines an ultimate e-bike experience? It all comes together in the heart of the e-bike, where the drive systems are. The FS10 and XD02 are both provided with a different drive system.

The one that fits you the most depends on the environment you're going to use your e-bike. Have a look at LOGO e-bike systems and decide what kind of rider you are.



### XD02

Powered by Ebikemotion

#### READY FOR AN URBAN TRIP

Whether you're heading to work or going for a little city ride, you will enjoy your trip with the XD02. With mainly flat roads on your way, the 2 speed gearing, integrated in the bottom bracket, is all you need to experience full comfort.

The Ebikemotion system allows you to have access and insight into all the details of your performance, such as speed and time. For full control you can simply connect the app on your phone to the XD02. The XD02 is an ultra light weight bike at only 16,5 kilos. When the battery is fully charged, it allows you to drive up to 70 kilometres.



### FS10

Powered by Fazua

#### UP FOR MORE ADVENTURE

From a gravel road to the mountains, this model is up for any environment. The FS10 is definitely what you need when you're the more sportive kind of rider and would like to experience more adventure.

The integrated bottom bracket with a 10 speed gearing and the FAZUA technology, connected to your app, enables you to have advanced insight into your performance and full control over your e-bike. The FS10 is an ultra light weight bike at only 18,5 kilos. When the battery is fully charged, it allows you to cycle up to 70 kilometres.

# **mulí** designed for daily urban life

The muli is a hybrid. It combines the best features of a cargo bike with those of small folding and compact bikes. The muli is a new type of bicycle especially fitted to urban use. City life is fast, spontaneous and vivid, quite often riding can be confined to narrow roads and cycle lanes. The muli is especially designed for this kind of life. It is on the one hand a cargo bike with a lowly positioned cargo basket of 90l capacity, in which you can transport your children or carry a large grocery shop back home, deliver goods, dog to the park, or huge parcels to the post office. On the other hand, with a folded basket it is a super quick and flexible bicycle for daily life. A total length of only 195cm and a width of 28cm enables you to use the entire bicycle infrastructure with your muli. It fits into bicycle stands and you can carry it up the stairs and take it with you on the train, it even fits onto a car carrier rack without any problems, so that you can take it with you on holiday.

If electric is your preference the muli e-bike is equipped with a powerful Pendix central motor. You can choose between the three modes Eco, Smart and Sport easily with a quick shift at the battery. No display required. Your battery choice is 300 or 600 w. The standard bikes are perfectly engineered and muli offer various options to upgrade for example you could choose to upgrade to a Gates Carbon belt drive instead of the chain. Both models come with hub dynamo re-chargeable lights as standard but if you require a more superior hub dynamo system there is a choice of a Shimano 3D37 with Busch + Müller lights or SON 28" with Busch + Müller lights. The standard gearing is an Alfine 8 speed or upgrade to an Alfine 11 speed internal hub. The seat post is a Hook Ergo Tec as standard or enjoy the sprung Ergo Tec PM-705N.

Child seat and raincover available.







Electric bikes are the next generation of push bikes and they're becoming increasingly popular thanks to advances in technology which have made them a pleasure to ride. They use three added components; battery, motor and display. The battery and motor offer power-assisted pedalling, making it easier to cycle for longer and tackle hills without slowing down. You'll then feel safer on busy roads too, especially if your legs are beginning to struggle.

Raleigh E-bikes are great for commuting because you won't arrive at work all sweaty and they're ideal for weekend trails when you're looking to push yourself a little bit further. Each of our electric bikes ranges have a spec to match its usage. It's important to decide what you'll be using the bike for before choosing.

Want a bike that can help you go that extra mile? The Raleigh electric bikes have power-assisted pedalling that makes it easier to cycle for longer and tackle hills without slowing down. So, you'll feel safer on busy roads plus, if you cycle to work, you'll arrive at your destination fresh and on time!



### Raleigh Stow-E-Way

Sometimes a full sized bike just takes up too much space! If you live in a flat, commute by train or take your bike on holiday then a folding bike is ideal. With the Raleigh Stow-E-Way you don't have to compromise on e-bike performance just because you don't have enough space. The Raleigh Stow-E-Way is both a proper folding bike and a proper e-bike with a strong but light frame which makes the bike a pleasure to ride.

TranzX system with 4 assistance levels  
Powerful 45NM torque  
Shimano Revoshift 8 Speed shifter



### Motus Tour

The Motus Tour is perfect for a range of city trips, relaxed tours and weekend trails. The reliable, long-lasting electric components from market leader Bosch, will provide an exceptional riding experience. What's more, with a maximum assistance output of 250% you'll be able to travel further and experience more than you would on a regular bike.

Bosch Active Line  
Maximum assistance output of 250%  
Acera 9 speed shifter with display



### Array Low Step

The Raleigh Array takes a beautifully styled Aluminium frame and combines it with the excellent E-Motion system that will assist you with inclines providing a smooth and controlled push. There are five different modes that are easily selected with a push of a button on the handlebar to offer you various levels of assistance, this also includes a 'walk' mode that gives slight assistance when you are walking alongside the bike.

E-Motion motor system  
Five easy assistance modes  
7 speed Shimano Nexus hub gears

# schindelhauer

Schindelhauer Bikes was founded in 2009 by Martin Schellhase, Jörg Schindelhauer, Manuel Holstein and Stephan Zehren. Initially founded at the Otto von Guericke University of Magdeburg, Schindelhauer later moved to Berlin at the end of 2012. From the very beginning, Schindelhauer developed bikes with a belt driven system – widely unheard of in the bicycle industry at the time. Schindelhauer manufactures robust, high-quality, low-maintenance bikes in a distinctive, functional and clean design.

The premium bike brand from Berlin have now broadened their product range with their new e-powered bicycles, which will take their place among the sportive single speed bikes and urban allrounders. According to the brand, this closes the gap between design and quality conscious cyclists who are looking for a versatile and agile bike with an electric drive system.

According to Product Manager Jörg Schindelhauer the benefits of using a Bosch system are clear: "As a premium manufacturer it was important for us not to accept any compromise in terms of service networks for our dealers and end customers, as well as battery reach and reliability. Bosch is the market leader in the E-Bike segment for a reason."



Karl

The first Bosch single speed e-bike – for fans of a well thought out design, coupled with reliable technology. This model doesn't require a gearshift, as the powerful Bosch Active Line Plus drive unit more than compensates for this.

Bosch Active Line Plus drive  
Assistance up to 25 km/h  
Integrated Powertube 500 Wh battery (removable)  
Single speed  
Gates Carbon Drive CDX belt and aluminium sprocket  
Formula - CURA disc brakes hydraulic



Heinrich

The most versatile Schindelhauer model – Heinrich has been designed as a sturdy and fully equipped e-bike for multiple uses and riders, and it is exceptionally fun to ride.

Bosch Active Line Plus motor  
Assistance up to 25 km/h  
Integrated Powertube 500 Wh battery (removable)  
Shimano Alfine 8-speed internal gear hub  
Gates Carbon Drive CDX belt and aluminium sprocket  
Formula - CURA disc brakes hydraulic



Tern was established in 2010, with a desire to manufacture bikes for utility with a focus towards building sustainable products. The bikes contain a minimum of 10% recycled aluminium in the frame, fork, main hinge, stem and handlebar post. Tern carefully choose partners that act responsibly including a rim factory that's solar powered and virtually grid neutral and a tyre manufacturer who upcycles used tyres into playground mats. Tern avoids harmful chemicals in production. For example, they steer clear of toxic chemicals used to reduce rust build-up on bike chains, favouring an earth-friendly, rust-resistant coating.

Tern is committed to giving at least 1% of their net profits each year to environmental or social causes. We all want to live in a world with clean water, clean air, and safe food. Tern wants to support the individuals and groups that are working to protect and heal our planet.

All around the world, the way we get from A to B is changing. With the world on the verge of auto-mobility, driverless cars, ride-sharing, and the mainstream arrival of electric vehicles, it's an exciting moment for transportation. To help drive this force of change, Tern developed a small collection of electric bikes that take hills, headwinds, traffic, and bike thieves out of commuting.

A whole range of accessories are available



### Tern GSD Cargo Electric Bike

The GSD is designed to carry two kids, a week's worth of groceries, or 180 kg of cargo, but it's only 180 cm long—the same length as a standard bike.

With Tern's best-in-class folding technology, it packs down small enough to fit in a family-sized car or an urban apartment. Plus, it adjusts to fit riders from 150 – 195 cm—so mum, dad and the kids can all share it.



### Tern Vektron D8

The Vektron is a best-in-class electric bike that folds in 10 seconds to go on trains, in cars, and under desks. With an electric drivetrain, 20" wheel bikes are just as fast as 700c. That means riders can enjoy all the benefits of small wheels—compact size, low centre of gravity, quick acceleration, manoeuvrable handling, and plenty of cargo space—with big wheel speed.



### Tern Vektron S10

All the power and performance of a Bosch ebike in a portable package. In product test after product test, the Vektron is called the best folding ebike on the market. The new Vektron gets even better with improved geometry, Bosch's newest and virtually silent motor, and a burly, extended rack. Get a Vektron and a lot of your car trips will start turning into bike trips.



tern 

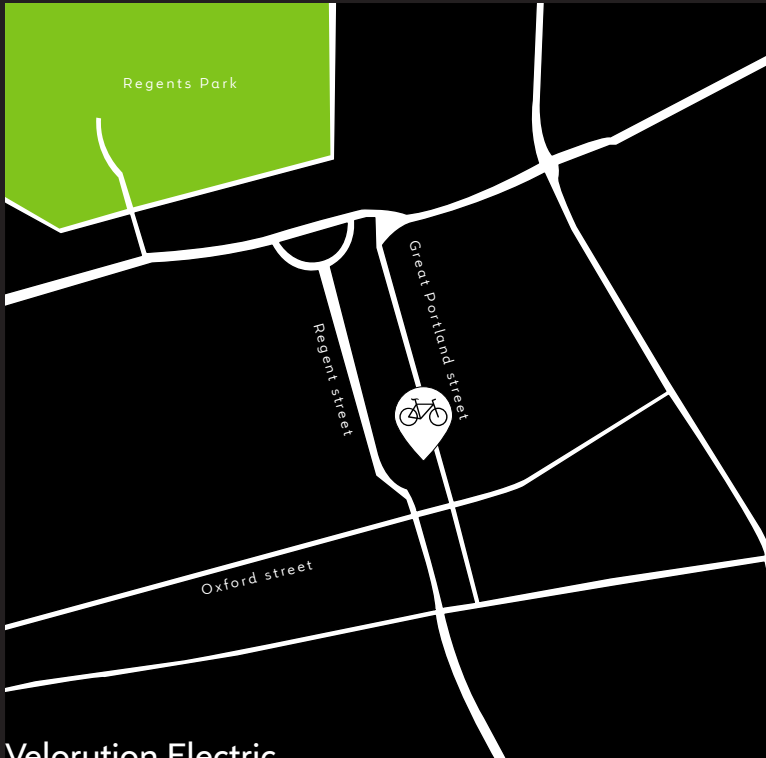


UNCHAIN YOUR NOTION OF  
WHAT CYCLING CAN BE





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