

E-cargo bike guide

Supporting information for Hereford E-cargo bike Grant applicants

About the Babboe Curve-E cargo bike



The Babboe Curve-E is a stable three-wheel cargo bike with a large box and soft, round shapes. It has a handy parking brake, and quality equipment such as strong, thick tyres. The Curve-E has electric pedal assistance with 8 modes and a modern LCD display.

Curve-E Specifications

Assembled dimensions (lxwxh)	215 x 88,4 x ± 110 cm
Box dimensions (lxwxh)	± 82 x 63 x 55 cm (handlebars side) - 44 cm (front)
Gears	Shimano 7-speed derailleur
Brakes	Front: Tektro Auriga Twin Hydraulic disc brake. Rear: Tektro Auriga Hydraulic disc brake
Frame	Extra sturdy, anthracite-coloured frame with shockproof powder coating, treated on the inside to prevent rusting
Frame measurement	50 cm
Saddle height	Saddle is height adjustable, suitable for people measuring between 1.57 and 1.98 m
Lighting	Front and rear LED lights - front battery operated, rear powered by battery*
Rims	Double walled front and rear rims by Weinmann
Spokes	Extra sturdy spokes
Tyre size	Schwalbe Big Apple 26 inch rear wheel, 20 inch front wheel
Lock	ART 2 approved ABUS ring lock
Box color	Wood
Box load capacity	100 kg**
Saddle load capacity	100 kg**
Rear carrier	Yes, the Babboe Curve-E comes with a rear carrier, which also conceals the battery; 25 kg maximum load capacity
Kids step	Yes, fitted with several steps with anti-slip surface
Box material	European beech wood, pressed in a curved shape for extra sturdyness and rounded corners for safety (no sharp points).The wooden box is PEFC-certified (European Programme for the Endorsement of Forest Certification)
Steering dampers	Equipped with high-quality gas assisted steering dampers for optimum riding comfort and safety
Other specifications	Steering limit stopper 2 benches can seat 4 children 4 three-point belts Height adjustable, aluminium handlebars Standard equipped to install a rain tent/sunroof Closed chain case
Action radius	40-60 km (374Wh) 50-70 km (450Wh)
Battery	Lithium-Ion battery (36V 374Wh / 36V 450Wh)
Battery location	The battery is concealed under the rear carrier
Charging time	From completely empty to completely charged: 4-6 hours
Motor	GWA Energy 36V 250W maintenance free motor, 40Nm torque
Battery charger	38V 2.1A

* The lightning meets the German, French and Danish StVZO regulations.

** The Curve-E is tested by TÜV (independent testing authority). The indicated weights are the maximum values which have been tested. Higher values have not been tested.

Using and managing a bike at your workplace

Please see below key information to consider before applying for an e-cargo bike.

This includes suggestions on managing the e-cargo bike, information for riders, and how to keep your bike safe and secure. Whilst this isn't a comprehensive list, we hope it helps give an indication of what it will involve.

Insurance

Before you submit your application, Please ensure that you have appropriate insurance to cover employees using the bike as well as cover for public liability and theft.

Should you wish to carry children, you will need to discuss this with your insurance provider prior to making application (the Babboe E-curve is designed to carry children).

Safety

It is the responsibility of the employer to ensure safe use of the bike. Here are some suggestions to support safe riding:

Safety: Riding the bike

- Make sure that only competent and confident riders use the bike
- Do a risk assessment for use of the bike
- Ask the riders to do a basic safety check every time, before they get on the bike. This is called an 'M Check'.

There is a handy sheet showing the M Check in appendix 4 of this document (which also has lots of useful info!): [A Guide to setting up and running a workplace bike / electric bike scheme \(waytoworkscot.org\)](https://www.waytoworkscot.org)

- Offer cycle training to anyone who needs additional support before riding the bike. Adult cycle lessons are available through Hereford Cycle Hub.
- Make sure that you use the correct means of carrying any equipment on your bike e.g. E-cargo box etc.
- Practice using the bike before using it for a work journey.

Safety: Maintenance

- The bike will need some regular day-to-day maintenance e.g. pumping up tyres, oiling chain, charging battery. Ask a local bike shop for advice on how often to do this, and what should be done.
- Make sure you have a budget to get the bike properly checked and serviced by a bike shop or other qualified/experienced bike mechanic on a regular basis. We suggest having a maintenance schedule for the bike, and a fault reporting process.
- Properly inflated tyres are less likely to get a puncture!
- Have a back-up procedure and recovery plan in place, in case of a puncture, or other mechanical issue.
- Don't make any DIY adaptations to your bike.

Security

- The bike should be securely stored indoors overnight.
- When you park the bike anywhere, even for a few minutes, it should be locked to something secure – ideally a bike rack.

Route finding

- The best route for cycling is likely to be different to the route you would use to drive.

[Hereford walking and cycling mini-map \(herefordshire.gov.uk\)](https://www.herefordshire.gov.uk) shows the cycle paths and quiet roads across the city

[Hereford city centre walking and cycling map \(herefordshire.gov.uk\)](https://www.herefordshire.gov.uk) shows details of the city centre

[Cycling – Herefordshire Council](https://www.herefordshire.gov.uk) includes links to various cycle route guides, showing recommended routes to some of the main Hereford employment areas

- We have printed copies of the maps and route guides – please let us know if you would like us to send some to you.

Storage

- Please note you will be required to keep the Babboe Curve E-cargo bike indoors overnight, or in secure, covered external storage.
Please consider the length and width of the e-cargo bike, when considering where you could store it.
For example, be aware of doorway widths, and whether you would need to get it round a corner. The bike dimensions are highlighted yellow on the bike spec above.

The bike may be parked outside on a suitable cycle rack if necessary during the working day.