

VeloBRING

THE AGILE CARGOBIKE



BAYK
e|Mobility



e mobility for people, goods and brands

The VeloBRING has real power. The E-cargobike made by BAYK AG with its high driving force, its extremely resilient construction and its excellent manoeuvrability. As a pedelec can also drive wherever bicycles are allowed to drive, e.g. on bike paths, through pedestrian zones and parks, but also contrary to the direction of one-way streets, which are also released for cyclists. The driver does not need a driver's license and the vehicle does not require an insurance license plate.

When being used commercially, the VeloBRING also strikes with a strong external effect: It can be individually colored and thus becomes an unmissable eye-catcher. The CARGOBOX container provides all around a large outer area to place your advertising message into the world.

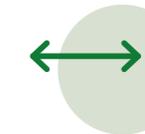
Highlights At a glance



Real power pack:
DualMotorDrive with 222 Nm torque (rear)



Full energy:
exchangeable / rechargeable battery pack with up to 3.840 Wh capacity (LiFePO4 or Lilon)



Maximum range:
Up to 80 kilometres supported driving distance*



Large loading capacity:
1,7 m³ volume with space for one Euro pallet



Convincing payload
Up to 310 kg maximum payload**



Small turning circle:
Less than 3 meters with one rear wheel remaining stationary



Optimised everyday delivery:
Reverse gear up to 4 km/h and starting aid/pushing aid up to 6 km/h



Resilient construction:
Use of motorcycle components such as wheels, tyres and hydraulic brake system



Optimised seating position:
For speedy mounting and dismounting

* Range depends on the use of pedal support, level of the engine-support, the amount of the load, geographical aspects (gradient and condition of the route, wind, outdoor temperature), condition of the battery and tire pressure

** maximum additional load depends on battery set, CARGOBOX / loading area construction, driver's weight

Technical data

Dimensions	2,77 / 1,10 / 2,00 m (L/B/H)
Tareweight	182 kg (incl. battery set, without container, driver and loading)
Loading capacity	Up to 318 kg (summary of driver + loading area superstructure + payload)
Total weight	500 kg (summary of tareweight + loading capacitance)
Load Volume	CARGOBOX L, CARGOBOX S, Pritsche L und Pritsche S
Authorization	EPAC (Electrically Power Assisted Cycle)/Pedelec E-Bike
Certification	CE/EN 15194, DIN 79010, DIN 79010:2020-02
Motors	DUAL MOTOR DRIVE 48 V, 222 Nm (two motors on the rear axle)
Engine performance	250 W Continuous Nominal Power, maximum performance 2.700 W, motor support up to 25 km/h
Battery set	up to 80 Ah / 3.840 Wh Li-Ion
Charger	Charger 8 A or 3 A charging current with standard Schuko plug
Range	Up to 80 km (depends on the use of pedal support, level of the engine-support, the amount of the load, geographical aspects (gradient and condition of the route, wind, outdoor temperature), condition of the battery and tire pressure)
Braking System	hydraulic motorcycle disc brake
Tyres	tyres of Heidenau (16"x3" / 19"x2,75")
Lights	LED front light and direction indicators / LED back light with braking light and direction indicators
Gear Shift	3-speed, 7-speed or 14-speed hub gear
Warranty	Vehicle 2 years / batteries 1 year



1. Weatherproof and dust-tight CARGOBOX
2. Removable/changeable CARGOBOX
3. Tires from the motorbike sector
4. Large outer area for placing corporate designs or advertising partners
5. Freely selectable driving seat
6. Windscreen driver cockpit
7. LED lights with braking lights and direction indicators
8. Individually coloured frame
9. Driver cockpit with hoop guard for driver safety
10. Changeable battery sets
11. 3-speed, 5-speed or 12-speed hub gear
12. USB-Plug 5V in the cockpit

Electrical movement – on the first and last mile

„Fast and uncomplicated delivery of goods in an urban environment - the VeloBRING is shaping a new delivery culture.“ ~ Trade journal „Transporter“

Your advantage: State support

Under the German Small Series Directive, investments in electric heavy-duty bicycles and heavy-duty trailers with electric power assistance are eligible for support for bicycle-bound freight transport.

For further information and assistance on how to apply, please visit the website of the Federal Office of Economics and Export Control, BAFA for short:
www.bafa.de/DE/Energie/Energieeffizienz/E-Lastenfahrrad/e-lastenfahrrad_node.html

An overview of current funding programmes by the federal government, federal states and municipalities for e-mobility can be found at the following web address:
bit.ly/foerderung_schwerlast



BAYK

e | Mobility

for people, goods and brands

BAYK AG

Dettenhofener Str. 14
93188 Pielenhofen
Germany

Contact persons:

Stefan Kruschel
Phone: +49 151 150 388 80
E-Mail: kruschel@bayk.ag

Dorothea Hofmann
Phone: +49 151 113 423 75
E-Mail: dorothea@bayk.ag

www.bayk.ag

 [linkedin/bayk.ag](https://www.linkedin.com/company/bayk.ag)

 [instagram/bayk_ag](https://www.instagram.com/bayk_ag)

