

Mubea
U·MOBILITY



**BOOST YOUR
eDELIVERY**

STATE-OF-THE-ART TECHNOLOGY FROM THE AUTOMOTIVE INDUSTRY

Purpose-built rims combined with motorcycle tires provide driving-safety, durability and comfort.



The central frame made of GFRP combines highest stiffness and strength requirements with aesthetic standards and low weight.

Precise steering and highest driving safety enabled by a double wishbone suspension with damper-strut and stabilizer bars.



ONE PLATFORM - MANY POSSIBILITIES

Due to the modular platform of the vehicle, a large number of application and superstructure possibilities arise. The loading area, weather protection elements and structures can be customized individually.

Based on the base plate and the platform approach different box sizes, a pick-up variant as well as an assembly for gardening and landscaping can be selected.



WINNER OF THE GERMAN DESIGN AWARD

While developing our electric Cargobike, we meticulously focused not only on the crucial technological aspects, but we also devoted considerable attention to its functionality and sleek, modern design. The result is an innovative vehicle for the emission-free, fast and quiet transport of goods in urban areas that meets visual requirements and successfully blends into the cityscape. We all are more than pleased with the description of the GDA jury:



“Design and technology from the automotive industry transferred to a four-wheeled cargo pedelec that differentiates itself from the competition in terms of robustness, ergonomics, riding safety and payload.”



TECHNICAL DATA*

Original Equipment Manufacturer	Muhr & Bender KG
Vehicle category	Pedelec
Max. electrically supported speed	25 km/h
Electrical starting aid	Yes – up to 6 km/h
Average continuous power	250 W
Payload (inside of the box)	200 kg (1,6 m ³ box)
Permitted total weight	500 kg
External dimensions (L x W x H)	2783 mm x 995 mm x 1990 mm
Wheel base	1746 mm
Platform dimensions (L x W)	1200 mm x 800 mm (pallet dimension)
Box volume	1,3 m ³ up to 2,0 m ³ - depending on the box
Turning circle	< 5500 mm
eEngine	BMZ RS 48-250 E25
Max. power	700 W
Torque	112 Nm
Gearshift	Rohloff Speedhub 500/14
Battery capacity (per battery)	814 Wh
Range with 2 batteries	Up to 100 km (35 km with max. payload & 700 hm)
Battery charger	230 V / 4A (optional fast-charger 10 A)
Chassis	Double wishbone suspension at front- & rear-axle with damper-strut & stabilizer bars
Wheels	Mubea Performance Wheels 16" with motorcycle tires
Braking system	Hydraulic disc brakes at front- & rear-axle
Parking brake	✓
Weather protection	Driver's cab or half-front shield
Mirrors	2x
Bell	1x
Headlights	2x
Back light	2x with integrated braking light
Cat's eyes	✓
Indicator	✓

* The specifications for our series production vehicles have not yet been finalized, so the final specifications may be different. Technical data based on Cargo with a 1,6 m³ box and weather protection.

Mubea

U·MOBILITY

OUR MISSION

“As innovative lightweight specialist Mubea is shaping sustainability within the automotive industry. With the foundation of Mubea U-Mobility we think mobility beyond the automobile. We develop emission-free micromobility-vehicles which reach a new level of robustness, functionality and driver safety.

For sustainable, comfortable and efficient urban mobility and logistics.”

Dr.-Ing. Dr.-Ing. E. h. Thomas Muhr, CEO

PURCHASE INFORMATION

EST. AVAILABILITY: 07/2022
PURCHASE PRICE: from 10,490 €* excl. VAT

* Non-binding offer.

The calculation is based on currently valid conditions.
For an individual and binding offer, please contact us.

// There is a legal right of revocation

// All values excl. VAT & excl. logistics / transfer fees

// Figures show optional equipment

CONTACT DETAILS

Muhr und Bender KG
Mubea-Platz 1
D-57427 Attendorn
+49 (0) 2722 62 0

www.mubea.com/umobility
umobility@mubea.com



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



www.linkedin.com/showcase/u-mobility