



The VELLO SUB

Smart Utility Bike



Weighs only 24 kg | Powerful Bosch motor | Dual battery system with 250 km range

Your daily companion

The e-cargo bike is the family van among the sustainable means of transport and allows you to transport children, groceries or animal companions with ease.



Easy mounting of accessories

Even bulky goods or heavy loads up to 210 kg can be transported without any problems. The SUB is just as powerful as much larger and heavier cargo bikes, with space for two passengers plus a front carrier.





24kg

Ultralight

The lightest e-cargo bike on the market (from 24 kg). Urban mobility to take along and ride!



Smart

Smart system

The eBike Flow app enables smart connected biking and comes with an optional integrated inductive charging unit via the cockpit as well as GPS tracking.

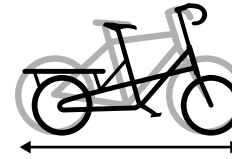
2x



Kids & cargo

Wide range of accessories

A variety of different accessories for every transportation need. Compatible with MIK and MIK-HD accessories. Tool-free attachment of up to 2 child seats and other accessories.



180cm

Compact

With the length of a city bike, the e-cargo bike is compact and portable, even in public transport.



210kg

Strong

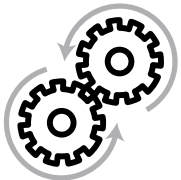
Total permissible weight: 210 kg



Bosch®

Bosch® e-technology

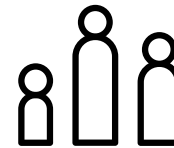
Bosch® Performance Line CX (Cargo Line), 85 Nm, 545 Wh/Dual battery system-ready for up to 250 km range.



Gears

Stepless Shifting

Enviolo's low-maintenance gear shifting is smooth and stepless, even when shifting under load.



150-200cm

Easily adjustable

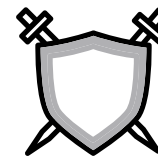
Front stem and seatpost can be adjusted without any tools and thus it fits riders from 150 cm to 200 cm height.



29cm

Space-saving

Space-saving with a 90° rotatable handlebar, folding pedals and height-adjustable front stem and seatpost. Thanks to the handle on the saddle it's easy to take along and stow away.



Safety

Comfort and security

Equipped with Magura® four-piston disc brakes, supernova rear lights with a brake light function for maximum safety, low-maintenance Gates CDX belt, easy-step frame design and wide 20-inch tires.



THE CREATION OF VELLO SUB

"The development of the SUB was the next logical step for us, as we are a company dedicated to the production of compact bicycles for urban areas. At the same time, it also brings us back to our roots: we worked on the first cargo bike concepts more than ten years ago", says Valentin Vodev, the founder and designer behind VELLO Bikes.









VELLO SUB: ultralight, compact e-cargo bike

The VELLO SUB (Smart Utility Bike) is one of the lightest longtail e-cargo bikes on the market. The powerful electric motor and large battery capacity allows to perform everyday tasks with ease: the SUB is lightweight and can be lifted effortlessly, and equipment can be adjusted without tools making it multifunctional to accomplish daily tasks, such as transporting children or shopping. The standard length of 180 cm and foldable elements, allows the VELLO SUB to be transported in a space-saving way on public transport or in the trunk of a car. The VELLO SUB brings urban mobility to the next level.



TECHNICAL DATA - VELLO SUB TITANIUM

- Frame: unisex, titanium, integrated cable routing
- Colour: brushed titanium
- Size: one size (fits riders between 150 cm until 200 cm)
- Handlebar: VELLO handlebar (640 mm)
- Grips: ergonomic grips
- Fork: VELLO SUB /Material: aluminium/ 20" /IS-intake/ Thru axle/for tires until 60-406 (20x 2,35) /integrated cable routing
- Saddle: gel saddle with carrying handle
- Seatpost: VELLO/Ø31.6/400 mm
- Telescopic stem: height adjustable and rotatable to 90degrees, without tools (by.schulz/Speedlifter Twist/T15)
- Stem: adjustable without tools, Satori/EZ3 with SP Connect mount (fits riders from 150 cm to 200 cm)
- Belt drive: Gates Carbon Drive/CDX/168T
- Front belt pulley: belt, Gates Carbon Drive/CDX/ 60T
- Rear belt pulley: belt, Gates Carbon Drive/CDX/ 22T (with gears) or 19T (Single Speed)
- Brake system front/rear: Magura®/MT4/ Four-piston disc brakes
- Brake disc front/rear: Magura®/MDR-C/160mm/6-hole mount
- Front hub: VELLO/36-holes/12x100/Thru axle
- Rear hub: Enviolo/Heavy Duty/36-holes/148 mm (with gears) or freewheel (for Single Speed)
- Gearshift (with gears): Enviolo/TR
- Tyres: Wide 20" Schwalbe Big Apple 20x2.15 (55-406) for extra stability and comfort
- Motor: Bosch®/Performance Line CX (Cargo Line)/GEN4/85 Nm/Smart System (GPS-tracking-ready)
- Charging time: 4,5 hours (full charge)
- Battery: Bosch®/1x 545 Wh PowerPack/ Dual Battery Ready
- Battery charger: Bosch®/4A (230 V)
- Range: from approx. 125 km (one battery pack) to 250 km (dual battery)
- Pedals: VELLO full-aluminium folding pedals
- Front lights: Supernova/Mini 2-LDM (StVZO-approval)
- Rear lights: Supernova/TL3 Pro with brake light function for more safety

- Bell: VELLO
- Stand: VELLO
- Front mudguard: VELLO
- Rear mudguard: VELLO
- Rear rack (not detachable from the frame): Load carrier with payload 100kg/Aluminium/with integrated MIK-HD System/Footboard-ready
- MIK-HD integration: compatible with all MIK and MIK-HD accessories, amongst other tool-free mounting of up to 2 children seats
- Front carrier adapter system: enables tool-free mounting of various front carriers and bags (carrier block included)
- Meters of development: 2,22m - 8,42m (with gears), 5,13m (Single Speed)
- Permissible total weight: 210 kg
- Weight of SUB: approx. 24,9 kg (Single Speed), 25,9 kg (with gears)
- Dimensions folded: H:99 cm x L:180 cm x W:29 cm

Model with gear shifting: ENVIOLO STEPLESS SHIFTING

The VELLO SUB can be equipped with the continuously and stepless variable planetary transmission.

Optional: additional 545Wh second battery from Bosch® for up to 250km range. Several accessories available.

