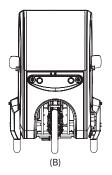
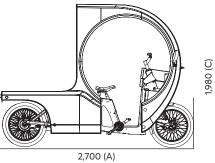
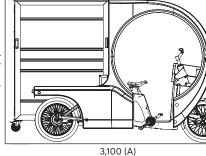
## RYTLE MovR3



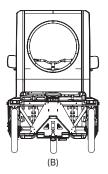


Front view





Side view with box



Rear view

## **Technical Description**

Robust aluminium frame in automotive quality, safe and ergonomic weather protection cladding

Cargo bike with full-suspension, seat post suspension

Approved as a pedelec 25 (no driving licence, no insurance, no registration required)

Side view without Box

Vehicle designed according to DIN 79010- transport and cargo bicycles-requirements and test methods for single and multi-track bicycles

High flexibility due to open loading bay in standard Euro pallet dimension (1,200 x 800 mm)

Electric lifting system for adaption of interchangeable boxes or pallets

Front carrier for usage of 2 x Euro boxes (400 x 300 x 220 mm), optional adaptation for usage of letter boxes type 2

Batteries and charging infrastructure with very high safety and long lifetime (LiFePO4, approx. 80% residual capacity after 6-8 years of use)

Optional telematics in the vehicle as well as fleet management tools and interfaces to logistics systems

## **Technical Data**

| Туре          | Three-wheel cargo bike   | Bodywork          | Weather protection cladding, gelcoat white<br>(more colors on request), windscreen  |
|---------------|--|-------------------|---|
| Weight        | Tare weight approx. 237 kg (cargo bike without box)  |                   |   |
| Load          | Total load 373 kg, of which 257 kg on the transport<br>fork in the rear incl. container (box or Euro pallet)   | Frame             | Aluminium alloy AIMg3, quality and precision at automotive level  |
| Dimensions    | Approx. 2,700 (A) x 1,300 (B) x 1,980 mm (C) (L/W/H), with attached Box: 3,100 mm (L)  | Frame Data        | Height: 460 mm<br>Mounting height: 280 mm<br>Mounting width: 350 mm   |
| Front Carrier | Dashboard with cup-holder and compartment<br>Holder for 2 x Euro standard boxes<br>(e.g. 400 x 300 x 220 mm), each 15 kg load<br>Lockable driver's compartment, small luggage net  | Loading Edge      | Lifted box: 380 mm, set off box: 250 mm   |
|               |  | Lighting          | Front: 2 x Supernova Mini 2 headlights (2 x 235 lm)<br>Rear: 2 x Supernova M99 rear light with brake light,<br>4 x LED indicator (of which 2 x in the side mirror)<br>Parking light |
| Drive         | 2 x Heinzmann dual back hub motor RN111<br>Cargo Power, Reinforced axle<br>Nominal power: 2 x 125 W, Peak-Power: 1,350 W<br>Torque: nominal 2 x 31 Nm, maximum 2 x 113 Nm<br>5 selectable electrical assistance levels<br>Starting aid up to 6 kph, adjustable via twist grip<br>Rear gear, cargo control (display) optional |                   |   |
|               |  | Brakes            | 4 x Magura Big hydraulic disc brakes (Twin variant)<br>1 x parking brake  |
|               |  | Wheels            | Rims: 3 x Motorcycle 18"<br>Spokes: WWS 2,6/M3, Niro<br>Tyres: Michelin Pilot Street , 90/90 TT, 57P<br>Tyres pressure: 2.6 - 2.8 bar (41 psi)                                      |
| Speed max     | Electrical assistance up to 25 kph   |                   |   |
| Battery       | 2 x / 4 x exchangeable batteries AES eBike Classic<br>LiFePO4, nominal Voltage 36V, CE / UL certified<br>90% rest capacity > 1,600 charging cycles<br>80% rest capacity > 2,500 charging cycles  | Damper            | Front (suspension fork): 2 x springdamper 2.500 lbs.<br>Rear (swingarms): each springdamper 3.000 lbs.  |
|               |  | Saddle            | Selle Royal Torx unisex Premium,  |
| Range         | Approx. 20 to 50 km<br>(depending on battery configuration)  |                   | including seat post suspension  |
|               |  | Lifting<br>System | Electric, 36V, max. load weight 257 kg,<br>steel pallet fork for load pick-up   |