

NOVUS Facts & Wordings

Key Messages NOVUS Urban Mobility

With their NOVUS Urban Tech Platform and their first product – the world's first electric Lightbike, combining the best of e-bikes, scooters and motorcycles – NOVUS is defining a new urban non-car category of 'Lightbikes'.

Their mission is to make cities more livable and inspiring again. Less noise, less pollution, less traffic and less wasted space and lifetime.

- Founded 2019 by former Volkswagen Lead Interior Designer (Golf, Polo, ID.BUZZ) René Renger
- Company & assembling in Braunschweig Germany, components mainly from Europe
- Start of Production in Q1 2026
- Markets from 2026 in DACH & Europe, from 2027 in USA & UAE

NOVUS is backed by well-known VCs, PEs & family offices including a 100-year-old automotive family, executives from Adidas, AMG, Audi, BMW, CUPRA, Continental, Ducati, Magna, New Balance, founders of Chrono24, Grover, FINN, Forto, Vay or Silent Yachts and racing driver Sophia Flörsch.

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NOVUS One Lightbike

NOVUS defines a completely new category in urban mobility and sets a new standard in urban lifestyle.

The NOVUS One combines the advantages of eBikes – agility, lightness, simplicity – with the performance of motorcycles and futuristic design.

Through the disruptive unisex design, the lightbike can be mastered by anyone in just a few minutes and therefore especially attracts people who have not yet ridden a motorcycle before, so called "non-riders".

The entire weight is positioned below the centre line thanks to the intelligent architecture and pioneering technology. The battery is housed in the body and the industry-leading hub motor in the rear wheel. The full-carbon-monocoque, swingarm, fork and rims ensure extremely low weight and intuitive handling. The smartphone is fully integrated into the handlebars & user interface by the SP Connect technology and thus NOVUS into the customer's digital life.

NOVUS is the must-have for contemporary people who love lifestyle & design and who care about the future, but still be cool & unique.

- Electric Urban Lightbikes, the best of e-bikes, scooters & motorcycles
- The mission of NOVUS is to make cities more livable and inspiring again. Less noise, less pollution, less traffic and less wasted space and lifetime.
- Lightbike, a new category in urban mobility
- 100 pc limited Founders Edition
- Worlds first full carbon Lightbike
- A new standard in urban lifestyle
- A new mobility & lifestyle icon
- A statement of contemporary urban mobility

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NOVUS One Lightbike USPs

- Disruptive unisex design
- Agile & light as scooters, intuitive as eBikes and powerful as motorbikes
- No gears, no clutch, no chains, no lubricants or fluids
- Full carbon monocoque, swingarm, fork & rims
- Fully integrated smartphone interface & user experience
- Connected and intelligent as an iPhone, over the air (OTA)
- Cool and sustainable at the same time
- 90% of weight below the middle line, lowest center of gravity in the industry
- World's fewest individual components
- 60% less service requirements

NOVUS One Lightbike Specs

Summary

- 400 Nm torque
- 135 km urban range
- 130 km/h max speed
- 115 kg weight
- 90 min 80% charge
- 1.9 sec 0–50 km/h

Details

- **Driving License:** Depending on performance version and country of registration

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- 50cc: B = Car licence
- 125 cc
 - Just car licence: Country dependend, e.g. France, Italy, Spain, Portugal
 - Car licence extension: B196 in Germany, Code III in Austria
 - A1 & A2 worldwide
- **Power**
 - Engine: 25 kW (33 hp) peak power, 11 kW (15 hp) nominal power
 - Top Speed: 130 km/h
 - Acceleration: 1.9 sec 0-50 km/h
 - Torque: 400 Nm torque in performance mode
- **Battery**
 - Range: 130-150 km, ≈ 135 km in urban resp. city range
 - Capacity: 6.2 kWh battery capacity
 - Charging Speed: 90 min to 80%, 120 min to 100%
 - Charger: 3.3 kW charging power on every 220 V power plug
- **Weight**
 - ≈ 110 kg including fixed battery
 - Max load weight: 130 kg -> Single seater
- Software upgradeable **Performance Versions**
 - God: 130 km/h, 25 kW peak, 1.9 sec 0-50, 135 km range, A1 (125cc), €24,500 net
 - Pure: 45 km/h, 7 kW peak, 4 sec 0-50, 150 km range, B (50cc), €21,300 net

Contact for Customers, Partners, Investors

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