

TC

2025 MODEL: FULLY UPGRADE
VINTAGE STYLE. CAFE RACER POWER



 | VMOTO
ELECTRIC VEHICLES

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DESIGN

The elegance of the past, the technology of the future

The **Vmoto TC** is an electric motorcycle that combines the timeless appeal of **cafe racers** with the innovation of **sustainable mobility**.

Its design is reminiscent of **classic motorcycles**, with clean lines, chrome details and a **vintage color palette** that enhance its **retro character**. However, beneath the old-fashioned aesthetic lies **cutting-edge technology**: a quiet and efficient electric motor, a removable battery, and a smooth and dynamic ride.

The **Vmoto TC** is the perfect choice for those who want to combine **style** and **sustainability** without compromise.



DESIGN

Front



Storage compartment

The upgraded storage space allows for easy placement of the charger and other items.



Back



PERFORMANCE

72 Km/h
Max speed

130 Nm
Max torque

3.5 kW
Max power

6 s
0-50m



2025 Upgraded performance

- Bigger power
- Higher torque
- Max speed and acceleration raised

FOC 3.0 control unit



2.5 kW Hub Motor



BATTERY

Energy and autonomy for the city

TC is equipped with a **72V/24Ah** lithium-ion battery, with the option of installing two for a range of up to **103 km***. This modular system offers greater flexibility and convenience, making the **TC** perfect for daily commuting. **Each battery fully recharges in just 3 hours**, ensuring reduced waiting time and maximum efficiency. Lightweight and removable, the batteries can be **conveniently recharged anywhere**, ensuring uncompromised electric mobility.

3 Hours
Battery Charging time

103 Km* (2 batteries)
Range (WMTC Stage 3*)

72v 24Ah LiMn204
Battery



Battery



Connector



Charging port



RIDING

Agility and power on every route

Thanks to its advanced electric motor and high torque, the **TC** tackles inclines of up to **15°** with ease. This climbing angle makes it ideal for **overcoming urban climbs** and **hilly trails effortlessly**, providing a smooth and stable ride.

15° Steep inclines
Climbing Angle



Hydraulic damping suspensions

The advanced suspension system ensures **optimal comfort** and **control**, adapting seamlessly to **any terrain**. Ride smoothly in every situation.

Front suspension diameter $\varnothing 35\text{mm}$



Rear suspension diameter $\varnothing 36.5\text{mm}$



SAFETY



Rear calipers

High-performance **CBS**, ensuring maximum **safety and control in all braking conditions**. Rear disc brake **180 mm**.



Front calipers

High-performance **CBS**, front disc brake **240 mm**.



High grip tyres

The tires have a **high-density texture**, which provides **strong ground grip** and **high safety**.



Split frame

The **carbon steel main frame** ensures a **strong and durable structure**, while the **aluminum rear frame** reduces overall weight, **improving agility**. The **carbon steel swingarm** provides additional rigidity and security.

TECHNOLOGY



Front LED

Advanced Matrix LED system for safety and visibility, with a brightness level of **CLASS B**,- delivering a luminous intensity **16,000cd**.



Rear LED

Matrix LED rear lighting for maximum visibility and even light distribution, enhancing vehicle recognition.



LCD

TC features an LCD display blending vintage style with modern function, showing speed, battery level, and riding mode.



USB port

New steering with new **USB port**, the essentials for staying connected and charging your phone.

ERGONOMICS



Ergonomics Redefined: Comfort Meets Sportiness

TC is designed to deliver the **perfect balance between comfort and sportiness**. Its carefully engineered ergonomics ensure a **practical and relaxed riding position**, reducing strain on the back even during long journeys. At the same time, its dynamic stance **preserves the thrill** and **agility** of a true motorcycle. Developed by our team of expert engineers and rigorously tested, **TC** allows **you to ride for hours**, enjoying both the adrenaline of the road and the pleasure of effortless control.

Extra comfort





TECHNICAL INFORMATION



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TLC

Homologation	L1e-B / L3e-A1	LxWxH	1924 mm*710 mm*1098 mm
Rated power	2.5 kW	Wheelbase	1307 mm
Max power	3.5 kW	Ground clearance	200 mm
Battery model	LMFP square aluminum shell battery	Seat height	805 mm
Battery capacity	72 V/24 Ah x 2 PCS	Rims	Fr. 2.15-17 Rr. 3-17
Charging time	3 h x PCS	Tyres	Fr. 90/80-17 Rr. 110/70-17
Charging power	0.84 kW	Suspension	Hydraulic damping system
Range	103 Km* (2 batteries)	Weight	73 kg
Max speed	L1e 45 Km/h L3e 72 Km/h	Brakes	CBS
Climbing angle	15°	Colours	Black, Green, White

*WMTC Stage 3.



**ELECTRIFY
YOUR WORLD**

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