

TC_{max}

MAXIMIZES THE EXPERIENCE OF RIDING



VMOTO
ELECTRIC VEHICLES

Index

- 4 Design
- 8 Performance
- 10 Battery
- 12 Cycling
- 14 Safety
- 16 Technology
- 18 Ergonomics
- 22 Technical information



DESIGN

Timeless style: the café racer design of the TC Max

TC Max combines the elegance of the past with the electric innovation of the present. Inspired by the timeless style of **café racers**, this motorcycle is distinguished by its **clean lines, contoured tank**, and **minimalist seat**, evoking the **aesthetics of 1960s two-wheelers**.

The design is not just a stylistic choice, but a tribute to **classic motorcycle culture**, reinterpreted in a modern and **sustainable** way.

Straight handlebar is optional.
Handlebar mirrors are optional.



DESIGN

Front



Storage compartment



Back



PERFORMANCE

95 Km/h
Max speed

160 Nm
Max torque

3.9 kW
Rated power

5.1 kW
Max power

3 Riding modes
45 Km/h - 60 Km/h
95 Km/h



Brilliant performance for the city and beyond

The **TC Max** surprises with its performance, perfect for those seeking agility and punch in electric mobility.

With a top speed of **95 km/h**, impressive torque of **160 Nm** and peak power of **5.1 kW**, this bike offers a lively sprint and dynamic ride. The **3 riding modes** allow performance to be adapted to any situation, while the **FOC 3.0 control unit** optimizes efficiency, increasing power by **16%**.

F.O.C. 3.0 control unit



High power motor



BATTERY

4.5 Hours
Charging time

92 Km*
Range (WMTC Stage 3*)

72v 45Ah NCM
Battery

Smart autonomy for every day

TC Max is equipped with a **72V/45Ah** battery that provides up to **92 km** of range according to the **WMTC Stage 3** cycle, perfect for daily city commuting. Compact and easily rechargeable, the battery fully regenerates in just **4.5 hours** from a standard household outlet.

A practical and efficient solution for those seeking freedom of movement with **zero emissions** and reduced waiting time.



Battery



Charger & connector



Charging port

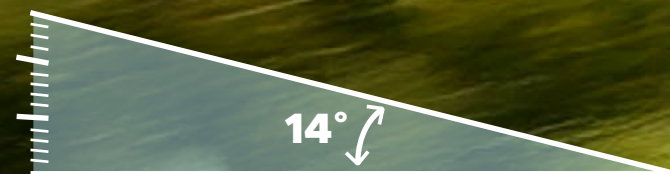


CYCLING

Agility and Power on Every Route

Thanks to its advanced electric motor and high torque, the **TC Max** tackles inclines of up to **14°** with ease. This climbing angle makes it ideal for **overcoming urban climbs** and **hilly trails effortlessly**, providing a smooth and stable ride.

14° Steep inclines
Climbing Angle



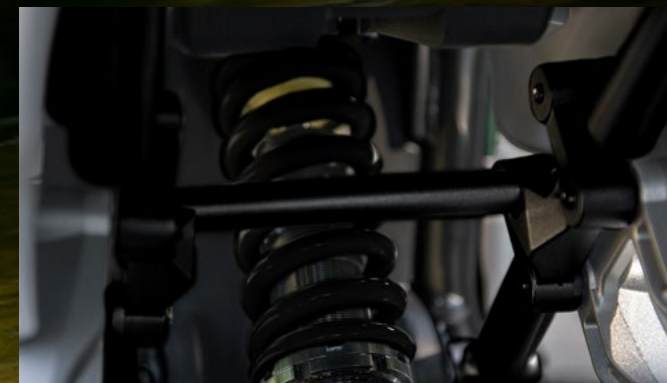
Hydraulic damping suspensions

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

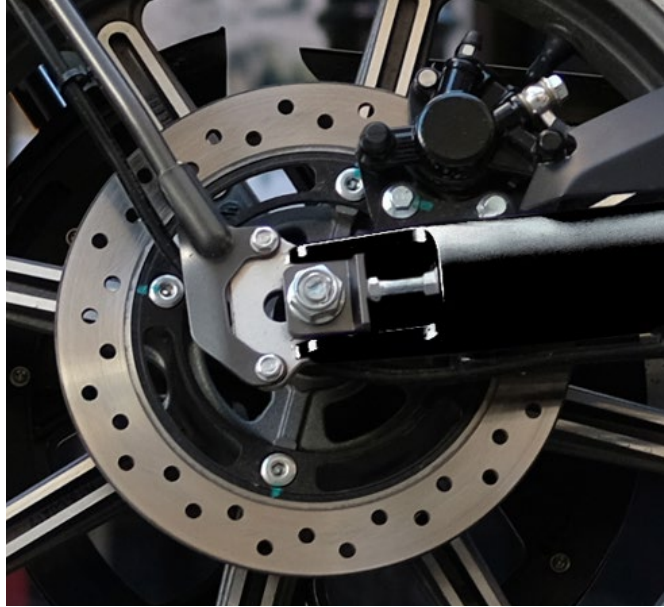
Front suspension diameter $\varnothing 35\text{mm}$



Rear suspension diameter $\varnothing 36.4\text{mm}$



SAFETY



Rear calipers

High-performance **CBS**, ensuring maximum **safety and control in all braking conditions**. Rear disc brake **240 mm**.



Front calipers

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



Alloy Rims

TC Max's 17-inch **alloy wheels** combine style and performance, offering a stable and precise ride providing **light weight, durability and sporty design**.



Spoke Rims

For a classic look and distinct riding feel, a spoke-wheel version is also **available separately**, adding a **vintage café racer touch** to the **TC Max**.

TECHNOLOGY



Front LED

Advanced **LED lights** ensure visibility in all conditions, with a headlamp output of **20,000 cd** (high) and **4,000 cd** (low), reaching up to 15 meters.



Rear LED

LED rear light ensures maximum visibility and safety with even light distribution for better recognition on the road.



LCD

TC Max features an **LCD** display that blends **vintage cafe racer** style with modern function, showing speed, battery level, and riding mode clearly.



Smart key

Our **smart key** technology unlocks the motorcycle effortlessly, one press to **activate it**. Convenience meets innovation.

ERGONOMICS



Ergonomics Redefined: Comfort Meets Sportiness

TC Max 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 Max** allows **you to ride for hours**, enjoying both the adrenaline of the road and the pleasure of effortless control.

Extra comfort





TECHNICAL INFORMATION



Attention: The photos and technical information contained in this catalog may refer to prototypes subject to changes during production and are for purely illustrative and reference purposes, therefore they are not binding for Vmoto International. Vmoto cannot be held responsible for any printing and/or translation errors. This catalog is transnational and therefore some products may not be available and/or their characteristics may vary according to local laws. Not all colors and versions are available in every country. Vmoto reserves the right to make changes and improvements to any product without prior notice or to make such changes to products already sold. Further characteristics of the products are contained in the relevant user manuals. The products represented are not final versions and are therefore subject to significant changes at the discretion of Vmoto without notice. The photographs published in this catalog show only professional drivers in controlled road conditions. Do not try to imitate this driving behavior as it could be dangerous for you or other people on the road. This catalogue, including, but not limited to, trademarks, logos, texts, images, graphics and table of contents, constitutes the intellectual property of Vmoto, or in any case Vmoto has the right to reproduce it; Any total or partial reproduction, modification or other use of the catalog or its contents is prohibited, including publication on the Internet without the prior written consent of Vmoto. Actual battery consumption may vary based on many factors, including, but not limited to, riding style, maintenance performed, weather conditions, surface characteristics, tire pressure, load, rider weight and the passenger, the accessories. Curb weights are considered with all operating fluids, standard equipment and battery. For more information visit www.vmoto.com.

T*C*
max

Homologation	L3e-A1	LxWxH	1982 mm*744 mm*1044 mm
Rated power	3.9 kW	Wheelbase	1347 mm
Max power	5.1 kW	Ground clearance	189 mm
Battery model	NCM lithium battery	Seat height	805 mm
Battery capacity	72 V/45 Ah	Rims	Fr. 2.15-17 Rr. 3.5-17
Charging time	4.5 h	Tyres	Fr. 90/80-17 Rr. 120/70-17
Charging power	0.72 kW	Suspension	Hydraulic damping system
Range*	92 Km*	Weight	79 kg (without battery)
Max speed	95 Km/h	Brakes	CBS
Climbing angle	14°	Colours	Black

*WMTC Stage 3



**ELECTRIFY
YOUR WORLD**

vmoto.com