
TC max
MAXIMIZES THE EXPERIENCE OF RIDING
VMOTO
ELECTRIC
TC
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ELECTRIC VEHICLES

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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

PERFORMANCE

95 **Km/h**
Max speed

160 **N·m**
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 N·m** 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%**.

FOC 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.

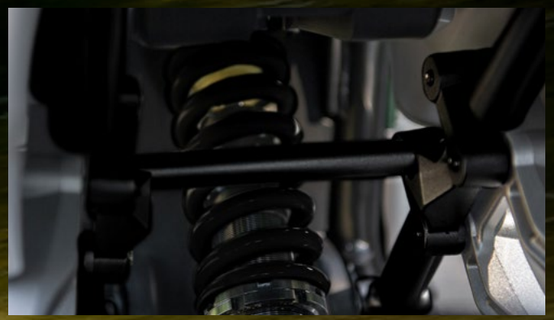
14° **Steep inclines**
Climbing Angle

Hydraulic damping suspensions

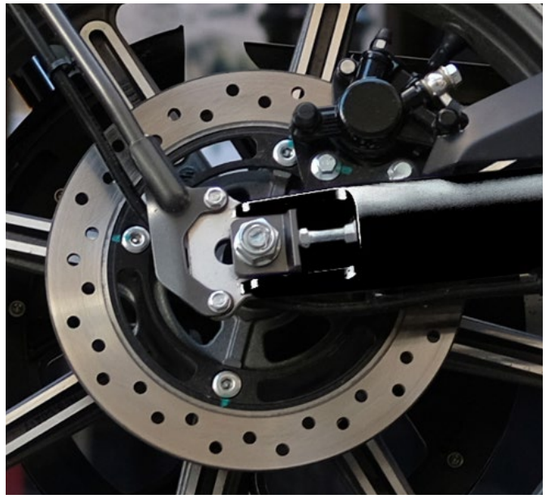
The advanced suspension system ensures **optimal comfort** and **control**, adapting seamlessly to **any terrain**. Ride smoothly in every situation.

Front suspension diameter ø35mm

Rear suspension diameter ø36.4mm

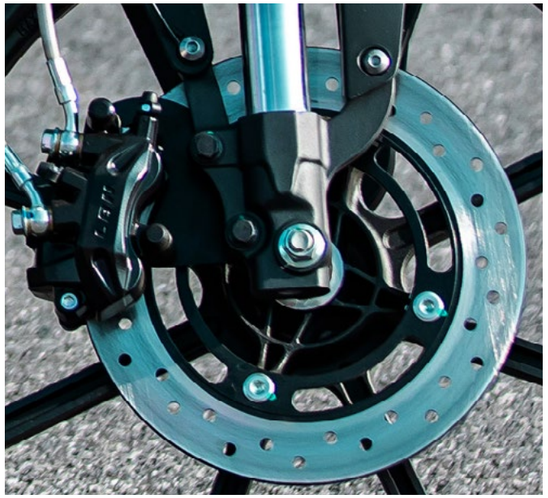


SAFETY



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 blend style and performance, delivering a stable, precise ride with **a lightweight, durable, 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

805 mm

189 mm

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

VMOTO BATTERY TECHNOLOGY

Battery technology and life cycle: what you need to know

Vmoto vehicles use **lithium-ion batteries**, a **highly efficient rechargeable technology** widely adopted in **electronics**, **EVs**, and **aerospace**. An **EV uses up to 90% of its energy** for movement, while an **ICEV uses only about 15%**, with most lost as heat.

Lithium battery disposal is a key issue, but **recycling efforts are growing**. After **8–10 years**, batteries can **be reused or recycled**, **recovering up to 95% of critical materials like cobalt and nickel**.

Here's why to choose Vmoto!

1 Long battery range

2 Fast charging battery

3 The cost of recharging is low

4 Extended battery life cycle

5 Closed-loop battery recycling

TECHNICAL INFORMATION

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TC 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**	Red, Black

*WMTC Stage 3

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YOUR WORLD

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