

TSX

2025 MODEL: FULLY UPGRADE

LIGHTNESS, AGILITY, ECONOMICAL & SUITABLE FOR THE GENERAL PUBLIC



 | VMOTO
ELECTRIC VEHICLES

Index

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



DESIGN

Gritty Design for Limitless Emotions

Vmoto's **TSx** embodies the perfect balance between **sporty aesthetics** and **technological innovation**. With **aggressive** and **dynamic lines**, this electric motorcycle **combines elegance and modernity**, offering an exciting and sustainable riding experience.

Aerodynamic shapes and an **ergonomic riding position** ensure **comfort** and **high performance**, while high-quality materials and sophisticated finishes enhance its distinctive character. **Full LED lighting** and **bold graphics** complement the futuristic design, making the **TSx a benchmark in the electric two-wheeler scene**.



DESIGN

Front



Storage compartment

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



Back



PERFORMANCE

45 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

TSx 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 **TSx** 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 **TSx** 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 ensures optimal visibility and safety, with even light distribution for better road user awareness



LCD

TSx features an LCD display with vintage style and modern functionality, 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

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

Extra comfort



TS^H



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 riders in controlled road conditions. Do not attempt to imitate this riding behavior as it may be dangerous for you or others on the road. Note: Some items shown in the photos, such as the rear top case, windshield, mirrors, and front basket, may be optional accessories. Please consult your local dealer for availability. This catalog—including, but not limited to, trademarks, logos, texts, images, graphics, and table of contents—constitutes the intellectual property of Vmoto, or is otherwise reproduced with Vmoto's authorization. Any total or partial reproduction, modification, or other use of this catalog or its contents, including publication on the Internet, is prohibited without prior written consent from 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 and passenger weight, and accessories. Curb weights are calculated including all operating fluids, standard equipment, and battery. For more information, please visit www.vmoto.com.

T5H

Homologation	L1e-B	LxWxH	1895 mm*703 mm*1066 mm
Rated power	2.5 kW	Wheelbase	1320 mm
Max power	3.5 kW	Ground clearance	200 mm
Battery model	LMFP square aluminum shell battery	Seat height	810 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	45 Km/h	Brakes	CBS
Climbing angle	15°	Colours	Black, Orange, Red

*WMTC Stage 3.



**ELECTRIFY
YOUR WORLD**

vmoto.com