



## **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**







## **PERFORMANCE**

45 Km/h Max speed

130 Nm Max torque

3.5 kW Max powe

**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.

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

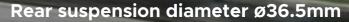
Thanks to its advanced electric motor and high torque, the **TSx** tackles inclines of up to **15°** with ease. This climbing angle makes it ideal for **overcoming urban climbs** and **hilly trails effortlessly**, providing a smooth and stable ride.

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







### **SAFETY**





High-performance CBS, ensuring maximum High-performance cases 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**,- visibility and safety, with even light distribudelivring a luminous intensity **16,000cd**.



**Rear LED** 

Matrix LED rear lighting ensures optimal tion 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**

810 mm

200 mm

# **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** 



# 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 illistrative and reference purposes; therefore, they are not binding for Vmoto International. Vmoto cannot be held responsible for any printing and/or translatic 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 colo 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 suc changes to products already sold. Further characteristics of the products are contained in the relevant user manuals. The products represented are not find the relevant user manuals. The products represented are not finders 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 item 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 otherwise reproduced with Vmoto's authorization. Any total or partial reproduction, modification, or other use of this catalog or its contents, including publication 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 weigh are calculated including all operating fluids, standard equipment, and battery. For more information, please visit www.moto.com.

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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.



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