

**A NEW ERA IN URBAN MOBILITY**

**ELECTRIC TWO WHEELS**  
**e·TWO**

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**PORTABLE ELECTRIC KICK SCOOTER**



# COMPANIE



E-TWOW is an international brand - the idea, design and construction of the E-TWOW electric kick scooter belongs to a Romanian Engineer, Dr. Sorin Sirbu, and the concept was further developed alongside a research team of engineers with a solid background in mechanical and electrical engineering.

With the knowledge acquired in the years of technical studies, but most of all, driven by the passion to find innovative solutions for transportation, Dr. Sirbu used his engineering knowledge to develop a practical solution to everyday life.

Now, the company has headquarters both in Romania and China and a resellers network all over the world.



# THE PRODUCT

The portable Electric Kick Scooter is the first vehicle developed by our company and meets a series of technical features which recommends it as **unique in the range of the electric scooters on the market.**

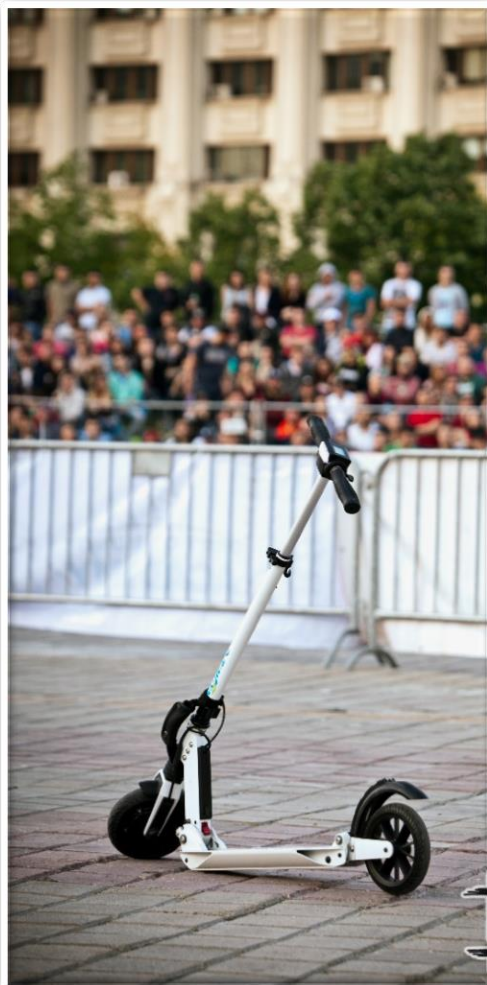
Thanks to the advanced engineering methods, it was possible to create a dynamic design - including **high ground clearance, 200 mm wheels, adjustable handlebars, complete folding system.**

There have been added cutting-edge technologies which includes systems such as **KERS - kinetic energy recovery system, regenerative braking system, magnetic braking and autopilot.**

The energy consumption is only **6.15Wh/km**, has **an autonomy of 40 km** and **30 km/h speed.**



# TECHNICAL CHARACTERISTICS



## TECHNICAL DETAILS

	S2 ECO	S2 MASTER	S2 BOOSTER
Range:	30km	40km	35km
Maximum speed:	27km/h	28km/h	30km/h
Slope Climb Ability:	15 degree slope	20 degree slope	25 degree slope
Motor rated output max. power:	350W	450W	500W
Energy consumption:	6.15Wh/km	6.15Wh/km	7.5Wh/km
Charging time:	1.5-2h (charger 4A) or 3-3.5h ( charger 2A)	2-2.5h	1.5-2h
Battery:	190W; Li-Po	250W; Li-Po	280W; Li-Po
Total weight:	10.7 kg	10.9 kg	10.8 kg
Charger:	2A (optional 4A)	4A	3.5A
Motor type:	DC Brushless motor		
Folding function:	Fully foldable electric scooter (patented) - Height Adjustable + Handlebar Folding + Automatic Unfolding Body		
Brake function:	Regenerative brake for front wheel + Emergency brake for behind wheel		
Shock absorber:	Front shock absorber + Rear shock absorber		
Light:	LED lighting group + LED light sensor + Rear Stop Light		
Cruise control function:	Maintains a constant speed without the need to press the acceleration handle		
Zero start function:	For safety reasons, you can only accelerate the scooter after giving it a little push first		
Horn alert function:	Piezo ceramic horn (electrical)		
UBHI – Electronic display:	UNIBLOCK HUMAN INTERFACE (patent)		
Tires:	Airless Tires (patent)		
Charger input voltage:	220V/110V		
Material:	Aluminum alloy + Metallic paint technology		
Total weight:	110kg		
Size:	Folded: 945 x 135 x 300 mm Unfolded: 940 x 135 x 1160 mm		

E-TWOW foldable electric scooter is an excellent acknowledgment of the engineers, designers and the whole team work, demonstrating that our company adapts to all the challenges of this period.



# MODELS

We have developed three models for the E-TWOW scooter, in order to meet the requirements of all our customers.

These models are ECO, MASTER and BOOSTER, each differentiated by the power of the engine and the battery capacity.

Below, there are described the technical details of the 3 electric scooter models:

	Greutate (Kg)	Viteza maximă (Km/h)	Autonomie <small>(cu bateria încărcată complet)</small> (Km)	Putere maximă (Watt)	
<b>ECO</b>	10.7	27	30	350	
<b>MASTER</b>	10.9	28	40	450	
<b>BOOSTER</b>	10.8	30	35	500	
Dimensiuni pliată:		940*330*150mm			
Dimensiuni nepliată:		940*1160*135mm			
Încărcătura maximă:		110 Kg			
Tipul bateriei:		Li-Po			
Tipul motorului:		Motor curent continuu fără perii			

# ACCESSORIES



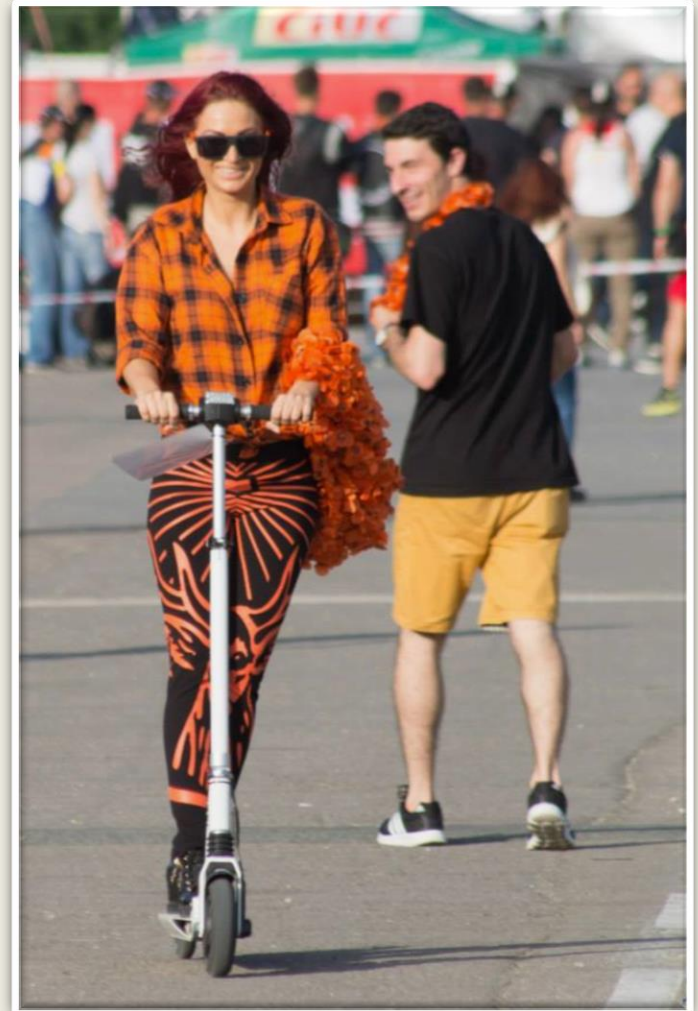
We have developed a range of accessories specially designed for the E-TWOW scooter, meant to bring added comfort during the ride.



# ADVANTAGES



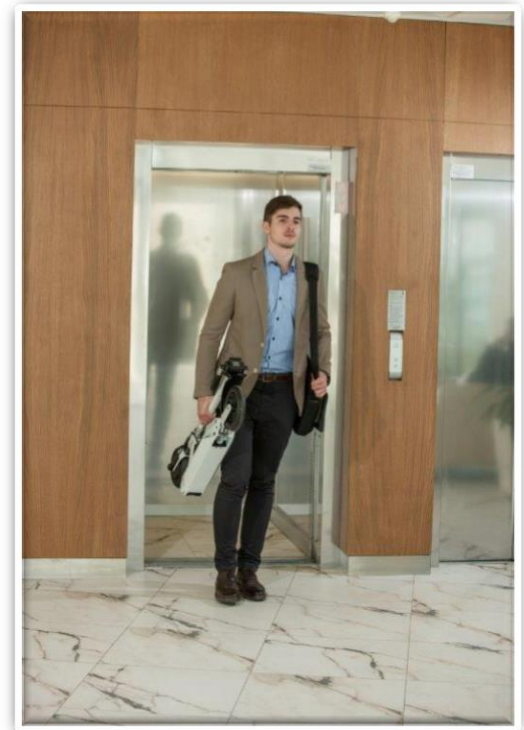
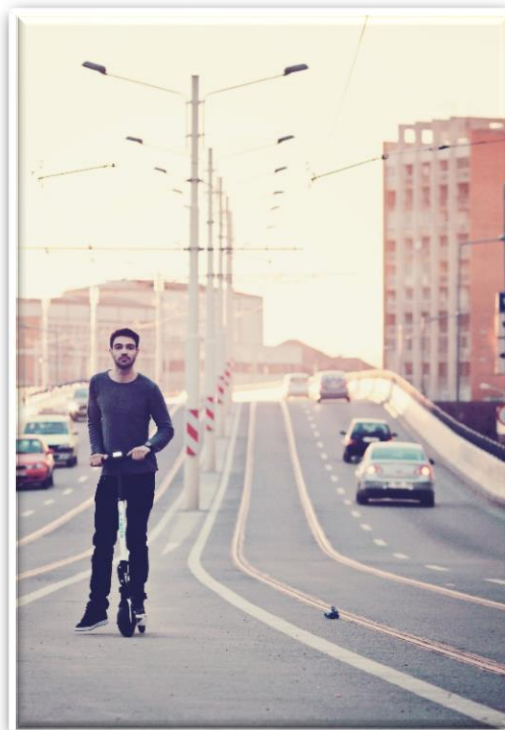
- There are **ecological and silent vehicles**
- They have a **low power consumption** - only 4 lei for riding through 1000 km
- **You don't have to pay for insurance or parking space**
- **Youthful and ergonomic design**
- **It requires minimal maintenance costs**
- **Foldable and portable** - you can take them with you anywhere
- **They are fun!**





# WHY YOU NEED E-TWOW?

The E-TWOW electric scooter is the perfect means of transportation due to its unique characteristics: it is fast, has an autonomy that allows you to move both in the city and surrounding areas, will help you avoid traffic and does not require finding a parking space, allowing you to have a fun and comfortable journey to the office.





E-TWOW meets a number of technical features and options which makes it a unique vehicle market, revolutionizing the electric two-wheeled vehicle market, being appreciated both by the general public as well as by specialists.

E-TWOW has been the subject of several campaigns, both in Romania and abroad. Our collaborators have chosen to offer to their clients or employees this useful, entertaining, ecological and modern vehicle, the impact being a major one.





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