

MOOEVO CARGO TRIKE



Moevo Cargo 150 e-trike is an innovative solution that allows transportation of heavier loads with less effort, with a safe and easy ride. Traditional cargo bikes are usually unstable and difficult to manage, due to the lack balance of the pilot and bike on curves because of the small tilting (inclination angle). Therefore, they have limited load capacity and turning capacity, otherwise the conduction could become risky.

Moevo Cargo e-trike renovates the way to ride Cargo bikes thanks to its patented TSS (Tilting Steering System) integrated in the handlebar, that helps driving the bike with much more stability and safety turns. As a result, this Cargo e-trike can incorporate bigger box capacity more safely.

Ergonomics

The Moevo TSS (Tilting Steering System) (PATENT PENDING) adapts the movement of the tricycle to the biomechanics of the person who handles it, optimizing turns and maneuverability, while front allowing visibility while turning.

Design

Its design similar to current e-tricycles is comfortable and resistant, including all the necessary elements to facilitate pedaling and delivery tasks. It allows adapting different boxes according to the client's needs.

Autonomy

Lithium batteries Ion with variable autonomy according to needs. Easily interchangeable. In the event of a lack of battery, it is very easy to pedal and maneuver. Battery charging time according to installed capacity.

Capacity

Allows the installation of different cargo boxes according to the needs of weight to transport, volume or other variables such as security, cold ... Different load capacities available according to customer needs.

Braking System

Minimized braking distance with hydraulic disc brakes in front wheels. Its anchoring system allows parking even on slopes of 15% and has a manual safety brake.

Powerful

Its two front electric motors allow operations with maximum slope 10-15% (depending on cargo weight). The speed limit is set to 25 km/h.

DESCRIPTIVE SHEET MOOEVO CARGO TRIKE 150

COMPONENT	DESCRIPTION	
CHASSIS	MATERIAL	S275JR grade steel
	TREATMENT	Electrostatic painting
	COLOUR	A la carte (according to client's choice)
	DIMENSIONS	1950 long x 900 wide x 1000 high mm.
CARGO BOX	MATERIAL	S275JR grade steel structure and Dibond composite panels
	CAPACITY	165 kg
	DIMENSIONS	A la carte (according to client's choice)
MOTORIZATION	KIND	Direct action bushing engine on each front wheel
	NOMINAL POWER	250W (in total) - EPAC
	MAX POWER	450W
	VOLTAGE	36V.
BATTERY	KIND	Lithium cells
	VOLTAGE	36V.
	CAPACITY	653 Wh
WHEELS	Front.	20" 36 spokes with motor
	Rear	26" 36 holes No engine
TRANSMISSION	MECHANICS	rear wheel by chain, 18Y 30t chainring - 9-speed 11-46 cassette and derailleur
	REAR	Both front wheels with engines in direct action bushing
BRAKES	FRONT	Hydraulic disc brakes of 203 mm
	REAR	160 mm Hydrate Disk Brake
ILLUMINATION	Front spotlights and rear position lights fed by the main battery	
DIRECTION	Front car rotation via tilting handlebar	
M.M.A. VEHICLE	300 kg.	
SPEED RANGE	2% slope > 25 km/h	6% slope > 10km/h max slope (12-15)%

INCREASE YOUR EFFICIENCY BY SAVING TIME AND ENERGY



FASTER AND SAFER, WITH MORE FUN...

MOOEVO