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# Scoozy Brochure



## *Third series - Scoozy C*

**Manufacturer: Scoozy B.V., Groothandelsweg 1, 2645 EH Delfgauw, Netherlands.**

*If you are visually impaired and would like to receive this information in another way, please contact Scoozy at <https://www.en.scoozy.nl/contact>.*

### **Introduction**

Scoozy is made as a means of transport for one person weighing up to 150 kg with a maximum of 30 kg of luggage. Scoozy can be used indoors, but is primarily intended for outdoor use on paved and unpaved roads, pavements, cycle paths and sidewalks. Scoozy was developed as an all-road means of transport, not for off-road use. Due to the high-placed LED lighting, Scoozy can also drive safely in the dark. Scoozy is a fixed scooter with 4 large 16 inch wheels that cannot be folded, made smaller or split into parts. Scoozy is really made for comfortable long rides of up to 100 km. Scoozy is not suitable for towing loads such as trailers.

### **Driver safety instructions**

- If you are under the influence of any substances that can affect your ability to drive, do not drive Scoozy.
- You must have sufficient eyesight to drive Scoozy safely in any possible use situation.
- Scoozy was not developed as a seat for transportation in a motorized vehicle.

## Composition <sup>1</sup>

Versions	MSRP		
Scoozy C - 2WD - 50km	€9.995,-		
Scoozy C - 2WD - 100km	€10.995,-		
Scoozy C - 4WD- 100 km (2022)	€11.995,-		

Free standard options			
Seat height	41cm <i>(cannot be combined with chair rack)</i>	43cm <i>(standard)</i>	45cm
Joystick side	Right	Left	
Joystick position	Centre	Short	Long <i>(standard)</i>
Seat cushion	Comfort <i>(Standard)</i>	Outdoor	

Accessories	MSRP		
Rear-view mirror left or right	€50,-		
Seat rack	€275,-		
Cane holder (must be in combination with chair rack)	€50,-		
Front luggage rack	€150,-		
Bag front or rear (recommended in combination with seat rack and front luggage rack)	€95,-		
Smartphone-holder	€125,-		
Outdoor cushions	€350,-		
Lifting eye	€10,-		
Bag Hook	€10,-		
Streetview led lighting <i>(Standard included in UK)</i>	€165,-		

<sup>1</sup> The prices mentioned are in the Netherlands including VAT.

## Technical specifications

Vehicle type:	EN12184, class C
Max. user weight:	150 kg
Max. luggage weight:	30kg
Length x Width x Height:	1350 x 680 x 1250 mm
Weight	100 kg / 110 kg (2 batteries) / 115 kg (2 batteries + 4WD)
Max. driving distance with fully charged battery (batteries) / energy consumption:	50 / 100 km <sup>2</sup> (single or double battery pack)
Battery capacity (at your choice):	Li-Ion, 48V, 33.8Ah / 67.6 Ah
Max. charging power:	10 A (supplied charger 5A)
Charging time:	~8 km range per charging hour (RPH)
Operating temperature:	-25°C + 50°C (Relative humidity 0 % 98 %)
Ambient Storage Temperature:	-40°C + 85°C (Relative humidity 0 % 98 %)
Max. (programmable) forward speed:	15 km/h
Rated slope	10°
Static stability up/down/sideways hill:	15°
Max. obstacle drive up/down height:	100 mm
Turning radius:	1300 mm
Minimum corridor width to turn in:	2000 mm
Wheel size:	16 * 2,5" (62 - 305)
Type of tires:	CST
Horizontal location of the axis:	203 mm
Motor:	Transaxle drive, 1400W, 1:21 gear ratio
Front motor (optional):	2x In-Wheel BLDC, 250W
Magnetic brake:	10 Nm, in transaxle
Min. braking distance at max speed:	4.5 m
Water resistance:	Scoozy is splash proof <sup>3</sup>
Sound power level:	60 dB
<b>Seat<sup>4</sup></b>	
Seat depth:	44 cm
Seat width:	45 cm
Seat height:	41 / 43 (standard) / 45 cm
Seat angle:	2°
Backrest angle:	15°
Backrest height:	550 mm
Armrest seat height	220 mm
Armrest front to backrest:	500 mm

<sup>2</sup> The range can be less during a ride due to:  
 - A higher loaded weight (user + luggage);  
 - A higher average speed;  
 - The type of surface, mud and rough terrain;  
 - Driving up or down hills or climbing pavements, greater height differences.

<sup>3</sup> This means that Scoozy can drive outside in the rain, but cannot withstand driving through deep puddles. Do not clean Scoozy with a high-pressure cleaner! The Scoozy on-board computer can suffer serious damage as a result.

<sup>4</sup> The seat cannot be adjusted ergonomically afterwards.

## Changing settings

Various control properties of Scoozy can be changed via the HMI (menu > settings).

### Caution!

- Changing the properties results in a different driving behaviour. Make sure that the settings match your skills as a user.
- Only change the settings if you have a good control over driving Scoozy. Scoozy recommends that you have owned your product for at least one month before increasing the speed and acceleration of Scoozy.
- Make sure your eyesight and responsiveness are sufficient to operate Scoozy safely. If in doubt, set the values lower than maximum.
- Changing these settings results in different driving behavior, see the effect in the table below.<sup>5</sup>

Level	1	2	3	Unit
<b>Name</b>	Start	Normal	Skilled	
<b>Speed D</b>				
Min. adjustable	3	3	3	km/h
<b>Standard</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>km/h</b>
Max. adjustable	6	7	7	km/h
<b>Speed S</b>				
Min. adjustable	6	10	10	km/h
<b>Standard</b>	<b>10</b>	<b>13</b>	<b>15</b>	<b>km/h</b>
Max. adjustable	10	13	15	km/h
<b>Speed R</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>km/h</b>
<b>Available in countries</b>	NL BE UK F	NL BE UK	NL BE	

<sup>5</sup>This diagram can change after software updates. Consult the latest version of the manual at [www.scoozy.nl/support](http://www.scoozy.nl/support).

## Inspections

Scoozy meets the following standards:

- EN12184:2014 Electrically powered wheelchairs and scooters, class C.
- ISO7176-4:2008 The range of Scoozy is set at 50-100 km depending on the battery pack (single or double).
- ISO7176-8 Requirements for impact, static and fatigue strength.
- ISO7176-14 Requirements and test methods for controller systems of electrically powered wheelchairs.
- ISO7176-21:2009 Requirements and test methods for electromagnetic compatibility of electrically powered wheelchairs and motorized scooters.<sup>6</sup>
- EN 1021-2 Requirements for resistance to combustion.

## Warranty and service

Scoozy's products are carefully formulated and carefully checked before they leave the factory. If it turns out that Scoozy or any part of it does not meet expectations, please contact us at [service@scoozy.nl](mailto:service@scoozy.nl).

### Warranty on production errors

Scoozy respects consumer protection laws and regulations applicable in the country of purchase. In the Netherlands, this means that you are entitled to the legal 2-year warranty on production errors.

### Warranty on the battery

There is a 2 years warranty on the battery for production errors. The life time of the battery is not guaranteed. However, to give an indication of life time it can be expected that the battery has 70% of its original capacity left after 20,000 km, or 500 charging cycles (whichever comes first) when used carefully.

### No warranty

The warranty does not cover defects caused by: non-observance of operating and maintenance instructions, other than normal use, wear and tear, negligence, overload, accidents by third parties, used, non-original parts and defects that are caused outside the product. This warranty voids any other warranty; determined by law, or communicated orally, except as guaranteed by Scoozy in writing.

Warranties only apply within the EU.

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*For further information not mentioned in this sheet, please refer to the User Manual which can be downloaded from the Scoozy website <http://www.en.scoozy.nl/support>.*

*You can receive the service manual upon request at [www.en.scoozy.nl/contact](http://www.en.scoozy.nl/contact)*

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<sup>6</sup> Scoozy is EMC (Electro Magnetic Compatibility) approved. Tests have shown that Scoozy is not sensitive or harmful to mobile communication equipment and electronically controlled equipment. Nevertheless, be careful when using Scoozy and mobile or other electronic devices at the same time (such as shop gates, electric entrance doors, etc.)