

V500e

Launch Edition



Designed for
Urban Environments

100% Electric

Made in EU



Evolution

V500e

A new step towards electrified urban logistics

Designed to be adaptive, flexible, and cost effective. The V500e uses a smart vehicle architecture with interchangeable cargo structures. Cargo boxes for last mile deliveries, custom boxes for postal services, flatbeds for municipalities and many more custom solutions are available.



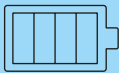
Up to 295 km range



More than 600 kg payload



charging at 70 km of range per hour



Up to 33 kWh battery



80 km/h top speed



15 kW power



The ONLY original

Made in EU

Our mission is to develop and manufacture user friendly and fully electric commercial vehicles. By combining innovation and creativity, we will convert our planet to electric transportation and allow businesses to become more sustainable.



Made in the European Union



Sustainable solution



Sevic V500e – the ONLY original



Flexible platform for customized solutions



Full digital connectivity



Ready for fleet management

V500e



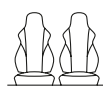
Interior

V500e

Clean, modern,
usable

The interior of the Sevic V500e was designed to ensure maximum efficiency without compromising comfort for the driver. All relevant vehicle data is displayed right behind the steering wheel while the infotainment system occupies the large center screen. There is no gear lever and tunnel, making it easier to enter and exit the V500e from both sides.

- Digital color tachometer
- Automatic rear-view camera
- Digital infotainment
- Wireless Apple Car Play®
- Wireless Android Auto®
- Air Conditioning & Heating
- USB, GPS (optional)



V500e



Cargo Options

V500e

Easy cargo swap system
premium quality

The new Sevic V500e has a unique, patented feature. Users can change the cargo options in just 60 seconds. All that is needed is a forklift. The rapid cargo swap enables customers to work with preconfigured cargo boxes in last mile logistics or use the V500e for different purposes. The vehicle is even more flexible with this smart option created by Sevic Systems SE.



→ easily swap the cargo with a forklift in seconds

→ all new, German engineered cargo boxes and flatbeds

→ endless possibilities

→ fully customized solutions to fit the exact needs of customers



1 Easily swap cargo box with a forklift



2 Cargo boxes can be stored and prepared for rapid turnaround times



3 All cargo options work with Cargo Swap

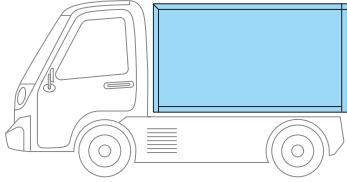


4 From cargo box to pick-up in just 60 seconds

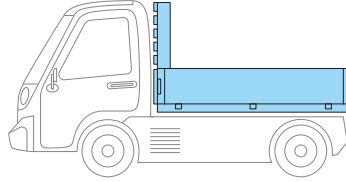
Cargo Options

V500e

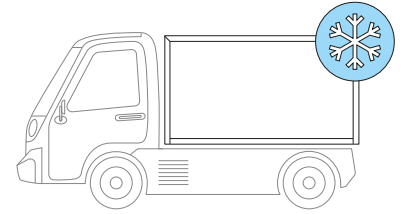
Preconfigured solutions, custom boxes offer endless possibilities



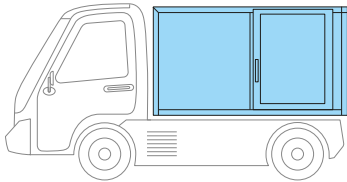
Cargo Box Standard



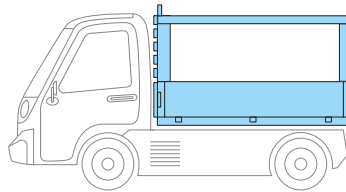
Pick-Up



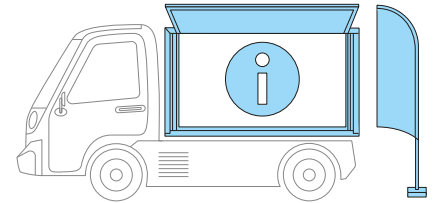
Cargo Box with Cooling



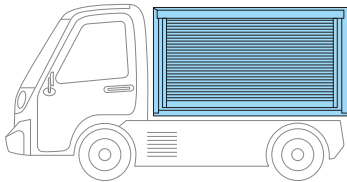
Cargo Box with Sliding Doors



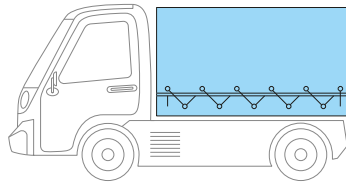
Pick-Up with Ladder Rack



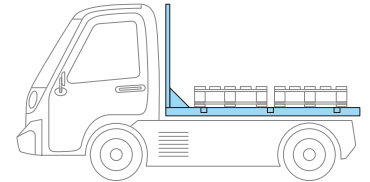
Cargo Box with Info Stand



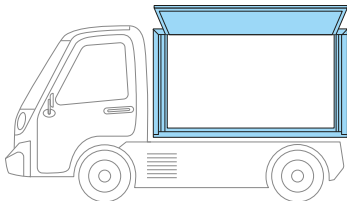
Cargo Box Express



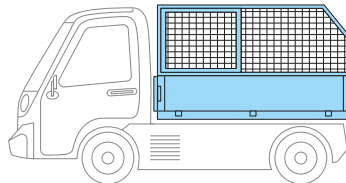
Pick-Up with Tarpaulin



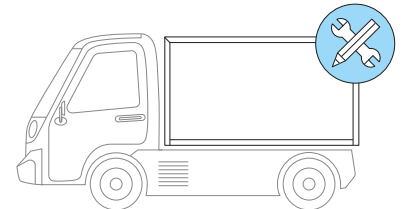
Flatbed



Cargo Box with Folding Doors



Pick-Up with Leaf Collector



Custom Cargo Box

Technical Specifications

V500e

	POWERTRAIN	
DRIVE SYSTEM	Rear Wheel Drive (RWD)	
MOTOR	Asynchronous AC Induction Motor	
NOMINAL POWER	15 kW	20 HP
MAXIMUM POWER	17 kW	23 HP
MAXIMUM TORQUE	75 Nm	
MAXIMUM SPEED	80 km/h	
AUTOMATIC RECUPERATION DURING COASTING	X	
ECO DRIVE MODE	X	
COOLING SYSTEM MOTOR CONTROLLER	X	
TRANSMISSION	Single-Speed Reduction	
	CHARGING SYSTEM	
CHARGING CONNECTOR	IEC 62196 Type 2	
AC CHARGING SUPPLY	1-phase	3-phase
MAXIMUM POWER	3,3 kW	9,9 kW

	BATTERY AND RANGE	
LITHIUM-ION TRACTION BATTERY	X	
CELL CHEMISTRY	Nickel-Cobalt-Manganese (NCM)	
BATTERY CAPACITY	16,5 kWh	33 kWh
RANGE (WMTC) ¹	143 km	295 km
CHARGING TIME ²	63 min	126 min
ENERGY EFFICIENCY	135 Wh/km	
ENERGY CONSUMPTION (WMTC)*	13,5 kWh/100km	
	BRAKING SYSTEM	
TYPE	Hydraulic integral system with diagonally split dual-circuit	
BRAKES FRONT	Disc Brakes	
BRAKES REAR	Disc Brakes	
LOAD-DEPENDENT BRAKING FORCE REGULATOR	X	
MECHANICAL PARKING BRAKE ON THE FRONT	X	

¹ World Motorcycle Test Cycle (WMTC, Phase 3), EU Regulation N° 134/2014

² From 10 to 80% SoC, with 9,9 kW charging power

Valid for models:

SV500BL16SI & SV500BL33SI

MASSES		
MAXIMUM PERMISSIBLE MASS	1510 kg	
MASS IN RUNNING ORDER	584 kg	
WEIGHT OF OPTIONAL EQUIPMENT	16 kg	
ACTUAL MASS ¹	675 kg	
BATTERY WEIGHT	225 kg	312 kg
ACTUAL WEIGHT ²	825 kg	912 kg
PAYLOAD ³	685 kg	598 kg
CHASSIS		
FRONT AXLE	Leaf Spring and Telescopic Damper	
REAR AXLE	Independent Wheel Suspension with Coil Springs and Telescopic Dampers	
ELECTRIC POWER STEERING	X	
TURNING CIRCLE	7,2 m	

WHEELS AND TIRES		
WHEEL TYPE	Cast Alloy Wheels	
SIZE	175/65 R14	
MINIMUM LOAD INDEX FRONT	73	
MINIMUM LOAD INDEX REAR	77	
MINIMUM SPEED INDEX	F	
RECOMMENDED TIRE PRESSURE	2,5 bar	36 psi
RIMS	6Jx14 – 4x108	
THERMALS		
DRIVING TEMPERATURE	-20 ~ 50 °C	
CHARGING TEMPERATURE	0 ~ 45 °C	
LONG-TERM STORAGE TEMPERATURE (6 MONTHS)	-10 ~ 35 °C	
SHORT-TERM STORAGE TEMPERATURE (3 MONTHS)	-20 ~ 45 °C	
STORAGE HUMIDITY	< 85% RH	

¹ Mass in Running Order + Weight of Optional Equipment + 75kg driver² Mass in Running Order + Weight of Optional Equipment + Battery Weight³ Driver Weight and Cargo Option are to be subtracted

Features

V500e

EXTERIOR
Automatic Rear View Camera
LED Daytime Running Lights
LED Headlights
Headlight Leveling
LED Indicators (Front)
Running LED Indicators (Rear)
LED Taillights
LED Fog Lamps [Optional]
Alloy Wheels
Windshield Wipers (3-step)
Windshield Washers (2,1 L Tank)
Central Locking

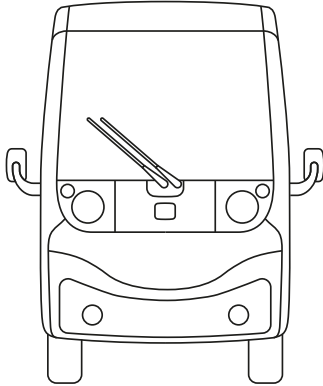
INTERIOR
Two Seats with Integrated Headrest
Linear Seat Adjustment (165 mm)
Black Vegan Leather Seats
Three-Point Seat Belts for Driver and Passenger
Doors with Sliding Window
Windshield, Dashboard, and Footwell Vents
Ventilation (3-step)
Air Conditioning
Cabin Heater (2-step, 2kW)
Recirculating Air Switch
Sun Visors

Automatic Interior Light
12V Socket (120 W)
Steering-Column Lock
Digital Color Tachometer
7" Multimedia Touch Display
Stereo Speakers
Wireless Apple Car Play
Wireless Android Auto
Bluetooth Hands-Free Calling
Radio
Passenger Cargo Net
Overhead Storage

Dimensions

V500e

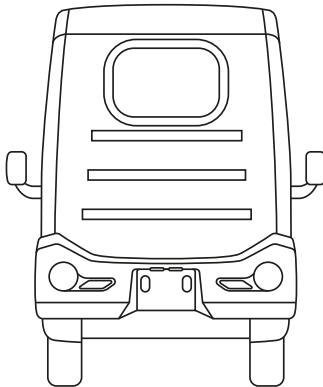
width (including mirrors)
1595 mm



track width front
1101 mm



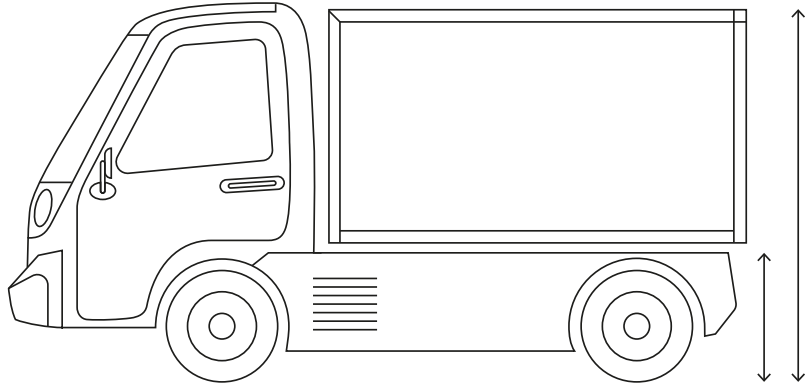
width (excluding mirrors)
1366 mm



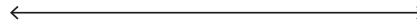
track width rear
1113 mm



height (vehicle)
1935 mm



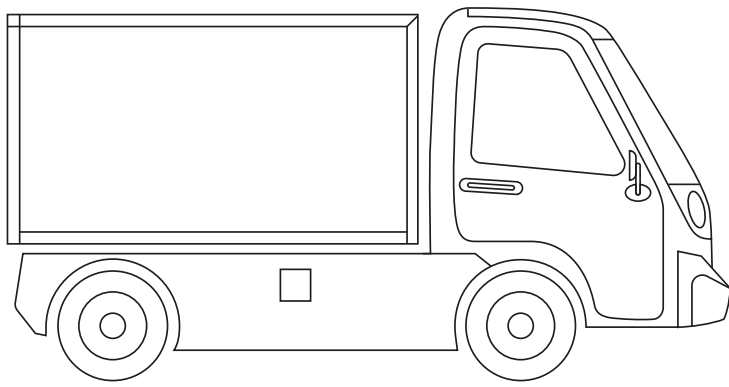
wheelbase
2129 mm



height (cargo
platform)
727 mm



length (overall)
3695 mm



rear overhang
485 mm



front overhang
1080 mm



Made in Europe

V500e

Designed,
Engineered and
Manufactured
in Europe

We do it for three reasons: a reliable supply chain through well-established partners across Europe, the use of highquality components sourced from various EU countries, and the commitment to secure and sustainable value creation within the region.

The Sevic V500e type approval was granted by the German Federal Motor Transport Authority (KBA). This ensures compliance with rigorous safety and environmental standards.



Made in the
European Union



Parts of
European Origin



Solar Powered
Production





About Sevic

V500e



Why choose Sevic



Sevic Systems designs, engineers, and manufactures compact fully electric utility vehicles in Europe. Our innovative vehicles are ideally made for last mile solutions and help companies reduce maintenance, labor, and operating costs. We are strategically based in the industrial heart of Germany and have gained important experience from our various success stories in the mobility sector.

We provide advanced urban mobility solutions. Our sophisticated vehicles are suitable for a wide variety of tasks. The modular structure of the V500e allows easy and cost-effective customization. Fulfilling the needs of our customers is our only objective and we always find the ideal configuration for their specific requirements.

Sevic Systems together with Milara International acquired the IP rights and redeveloped the vehicle for matching the needs of demanding professionals. Sevic also cooperated with Magna in France on the technical evolution of the Sevic V500e.

Who we are

Sevic Systems SE was founded with the goal to convert urban logistics and small utility vehicles to electric power. We are a European company and embody the European spirit: quality, innovation, and leadership.

Our headquarters in Bochum, Germany is home to our Technical, Financial, Sales and Marketing departments. Our team is dedicated and passionate about e-mobility. We are committed to innovation and combine experience in the automotive industry with fresh creative thinking.

Our manufacturing plant in Europe is a state-of-the-art facility which we operate in a partnership with Milara International Ltd., a global leader in robotics manufacturing.

V500e



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Drive electric.



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