

vR3

The modular all-electric SUV
to master your challenges.



Swiss, smart and advanced –

The new vR3 corresponds to the vRbikes values through and through. The modular concept of the vR3 is captivating with efficient and customer-specific application options, with considerable transport capacity.

vR3

The modular electric vehicle.

Platform Concept

With simple tools, the vR3 can be configured for the most varied of uses. The vR3 is best suited as a:

- Courier and delivery vehicle
- Communal vehicle
- Field vehicle
- Transport vehicle

The core elements are the universal connection points front and back, as well as the space between the back wheels, which is available thanks to the patented construction of the vR3 chassis, and significantly increases transport volume and flexibility.

A number of standard modules are available. Customer-specific solutions are often realized with regard to optimal use.

Productivity

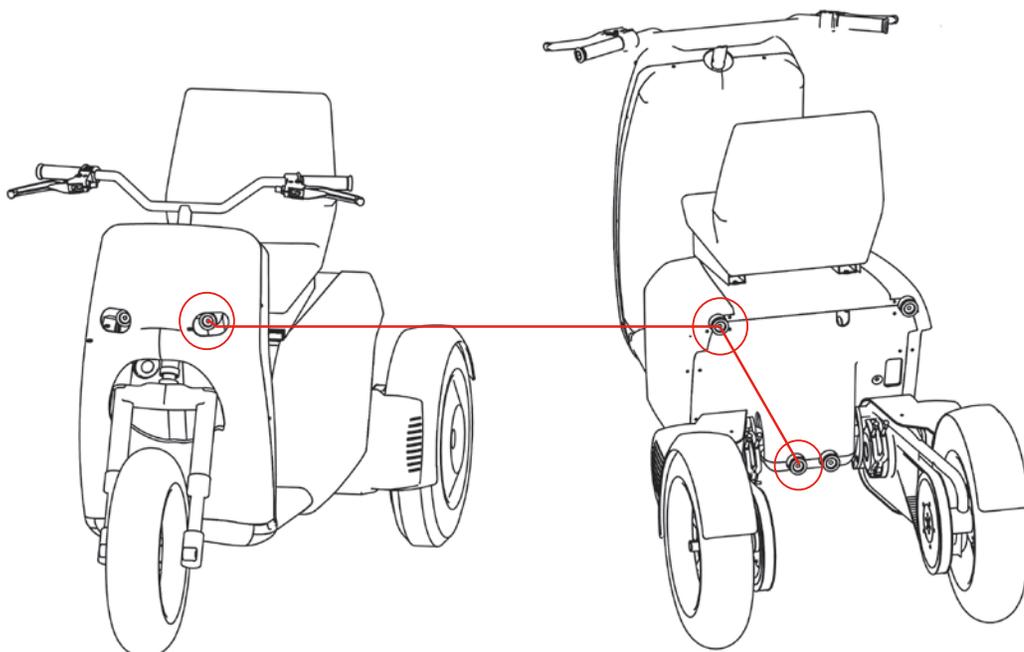
The vR3 has a transport volume of up to 1000 l (in the WIDEBODY Version), 270 kg payload and a range of up to 120 km. With a turning radius of under 4.5 m, a ground clearance of 18 cm, and a climb rate of up to 25%, the vR3 is at home in tight old town streets as well as in a mountain village. The automatic parking brakes, the redundant drive train with energy recuperation, the exceptional range and the intelligent set-up ensure minimal down times and an impressive productivity.

Safety and Comfort

Safety and Comfort Fully-fledged disc brakes on all three wheels stop the vR3 safely at all times. Through the 3-wheel concept and the well balanced chassis, the vR3 is safe to drive and your reliable companion even in rain and snow. The vR3 drives like it's on rails, especially in the WIDEBODY version. The deep access route simplifies getting on and off. Through the adjustability in length and height of the seat, with or without a backrest, everyone can find their perfect seat position. The amazing vR3 ergonomics are even visible in detail: Clearly arranged control elements and a comprehensive display create comfort while driving.

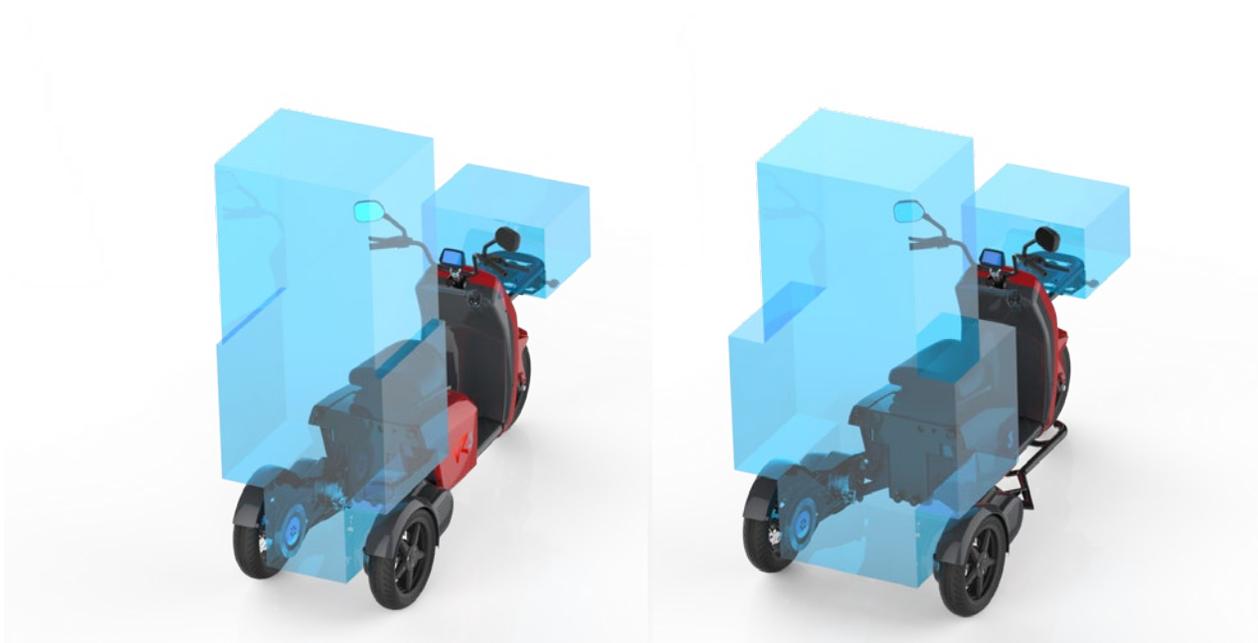
Sustainability

The emission-free drive train is only one small step compared to the gigantic plus concerning sustainability: The vR3 can constantly adapt to the requirements within the holder organisation or in its new area of application. The working time of the vR3 is thus significantly longer than comparable models. So not only a second life, but possibly also a different life. This improves the ecological and economic overall balance.



Specifications

Characteristics	Vehicle category	L2e
	Driving license category	F/A1, operable from 16 years of age
	Speed	max. 45 km/hour
	Range	up to 120 km
Weight	Empty Weight	225 kg
	Payload/Towing load	90 kg back, 30 kg front / 200 kg
Drive mechanism	Engine	Brushless DC motor
	Service	2x 2 kW
	Transfer	Timing Belt
Battery	Technology	Lithium-Ion
	Charging time 80%	approx. 6 hours (with 2 batteries)
Chassis	Front suspension	Telescope fork
	Rear suspension	Struts
	Rims f/r	Aluminium, 3.5 x 13"
	Tyres f/r	Tubeless, 130/60-13"
Brakes	Operating brakes f/r	Hydraulic disc brakes 220 mm
	Engine brake/Recuperation	Adaptable
	Parking brake	Fully automatic, on both rear wheels
Dimensions	Length	2230 mm
	Wheel base	1620 mm
	Breadth	800 mm / 1100 mm as WIDEBODY





About vRbikes

vRbikes.ch is part of the vonRoll infratec group, which is active in the areas of electro mobility, IT services, casting and water provision. vonRoll infratec employs nearly 1100 employees in Switzerland and abroad at 8 production sites.

vRbikes is focussed on the development, production and sales of products and services for E-mobility. Our vehicles and charging infrastructures (ELECTRANT) have been successfully in series production since 2011 and recognized on the market under the vRbikes values as swiss, smart and advanced.