

ZEROID

FORCE - Cab Chassis

Most flexible base vehicle



FROM RACE TO ROAD

ENGINEERED FOR CHALLENGES,
OPTIMIZED FOR OPERATIONS.

ZEROID

FORCE - Cab Chassis

Incompleted version

Chasis

EC3 & EC3s

Versions

Length 5.9m & 7.5m

Homologation

N2 & M3



ZEROID

FULL OF POSSIBILITIES

OUR MOST FLEXIBLE BASE VEHICLE

The FORCE cab chassis version is delivered as an incomplete base vehicle, offering total flexibility for local bodybuilders to complete and adapt it according to the final client's specific needs. Its robust structure and premium engineering provide the perfect foundation for building versatile solutions, ensuring that every operator receives a vehicle tailored exactly to their requirements.

Thanks to its adaptable design, this platform can serve either as the base for an urban bus, a school bus or as a cargo vehicle, opening a wide range of possibilities. Whether focused on passenger transport or goods logistics, the Cab Chassis maintains the same reliability, electric efficiency, and high-quality standards, making it the ideal starting point for countless applications.



100% Electric



UNECE - N2
M3 Class A
M3 Class B



1 or 2
cabin seats



Battery capacity
61 to 171 kWh



2 chassis lengths
available

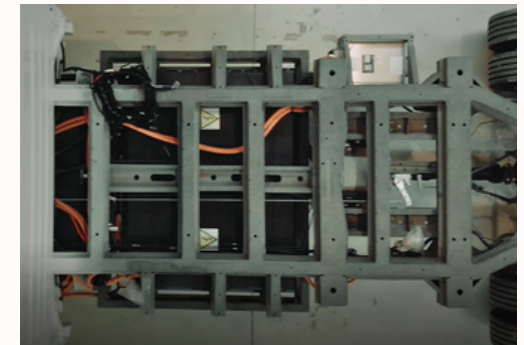


Your ideas brought to life

The vehicle offers extensive possibilities for bodybuilders, providing the flexibility to adapt to any requirement. Its robust design supports a payload of up to 3,100 kg, making it the ideal base for a wide range of professional applications.

Need HV power? Connect to our ePTO

The chassis is ready to accommodate both bus finishes and cargo vehicle bodies, offering maximum versatility. In both configurations, the integrated LV & HV ePTO system can be used to power auxiliary equipment, ensuring efficiency and fully electric functionality for any application.



Two length options, twice the possibilities

The cab chassis is available in two different lengths, offering even greater versatility and possibilities. Choosing between the two lengths ensures the perfect balance between maneuverability and capacity for your specific use case.



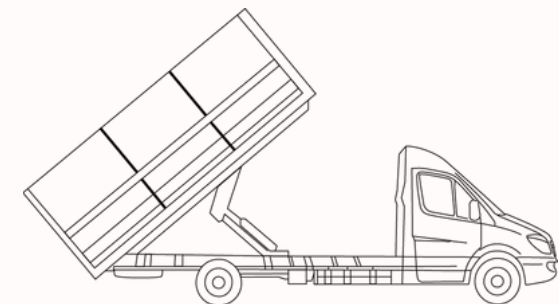
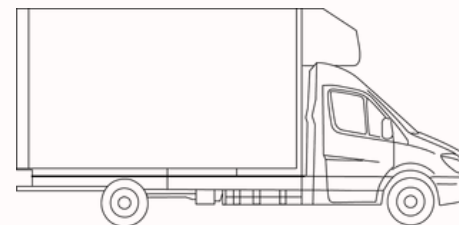
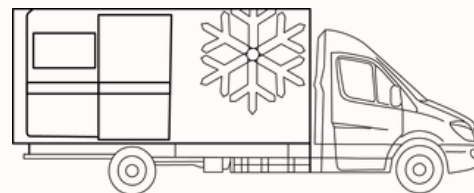
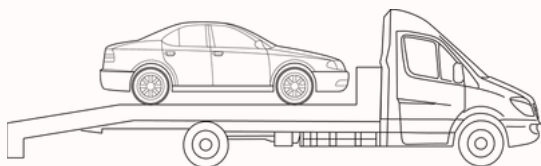
FORCE - Cab Chassis

ONE VEHICLE. TWO LENGTHS. ENDLESS POSSIBILITIES

The FORCE cab chassis is designed to allow a wide range of modifications. At ZER01D, we are ready to assess and adapt to any requirements our clients may have. This flexibility ensures that the vehicle can be customized to perfectly suit diverse operational needs and applications.

To support these modifications, the chassis offers multiple anchorage points, for both welded and bolted connections, allowing for secure and versatile body installations.

Additionally, we provide various options for electrical connections, including high voltage (HV) and low voltage (LV) power ePTO when needed, ensuring full compatibility with all types of auxiliary equipment and systems.



FORCE - Cab Chassis

Short Version - 5.9 m

L2H3

Dimensions	
Total Length	5,859 mm
Total Width	2,000 mm
Total Height	2,632 mm
Wheelbase	3,665 mm
Front Overhang	1,014 mm
Rear Overhang	1,180 mm

Weights			
	Static		Admissible
	60 kWh	105 kWh	
Front Axle	1,203 Kg	1,414 Kg	1,950 Kg
Rear Axle	958 Kg	1,057 Kg	2,700 Kg
Total	2,161 Kg	2,471 Kg	4,650 Kg 4,250* Kg
Payload	2,489 Kg	2,179 Kg	-

* Possible adjustment to 4,250 kg when necessary for countries that allow the mass addition for the B driving licence.

Performance	
Battery capacity	60 / 105 kWh
Range	250 Km (105 kWh)
Maximum speed	100 km/h
Maximum slope	18%
Turning diameter	11.5 m
Motor peak power	140 kW
Charging power	70 kW

Long Version - 7.5 m

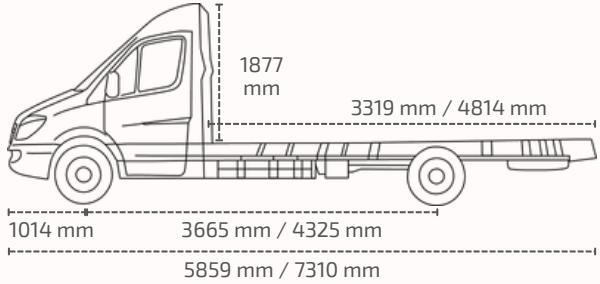
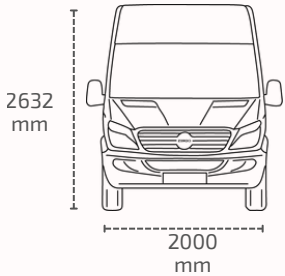
L4H3

Dimensions	
Total Length	7,310 mm
Total Width	2,000 mm
Total Height	2,632 mm
Wheelbase	4,325 mm
Front Overhang	1,014 mm
Rear Overhang	1,971 mm

Weights			
	Static		Admissible
	120 kWh	140 kWh	
Front Axle	1,750 Kg	1,825 Kg	2,500 Kg
Rear Axle	1,435 Kg	1,470 Kg	4,600 Kg
Total	3,185 Kg	3,295 Kg	6,400 Kg
Payload	3,215 Kg	3,105 Kg	-

Performance	
Battery capacity	120 / 140 /170 kWh
Range (SORT)	332 km (140 kWh)
Maximum speed	100 km/h
Maximum slope	18 %
Turning diameter	< 17.8m
Motor peak power	150 kW
Charging power	80 kW

FORCE - Cab Chassis





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The Cab Chassis is delivered with a set of approved partial European homologations included, providing a solid regulatory foundation for further customization.

These UNECE homologations can be utilized as the official Stage 1 for M3 and N2 certification, giving bodybuilders and clients a significant advantage by simplifying the certification process and accelerating time to market.

PERFORMANCE

Motor		
	Short version - 5.9 m	Long version - 7.5 m
Engine type	PMSM	PMSM
Nominal power	70 kW	100 kW
Peak power	140 kW	150 kW
Nominal torque	170 Nm	340 Nm
Peak torque	410 Nm	1000 Nm

Charger Specifications Requirements				
DC Charging			AC Charging	
Connectors	CCS2		Connectors	AC type 2
Output voltage range	Short version:	min. 750 Vdc	Power input	Short version: min. 11 kW @ single-phase
	Long version:	min. 750 Vdc		Long version: min. 6.6 kW @ single-phase min. 22 kW @ three-phase

* When charging the vehicle, the charger must meet these specifications.

Brakes & Suspension			ADAS & Active safety	
Braking system			ABS - Anti-lock braking system	Yes
Front	Brakes	Disc	ESC - Electronic stability control	Yes
	Suspension	Transversal Leaf Spring	TCR - Traction control	Yes
Rear	Brakes	Disc / Drum	AEBS - Advanced emergency braking	Yes
	Suspension	Leaf Spring	LDWS - Lane departure warning	Yes

Homologation			
R10	Electromagnetic compatibility	R121	Hand controls and tell-tales
R13	Braking system	R122	Heating systems
R14	Safety-belt anchorages	R130	Lane departure warning system
R16	Safety-belts	R131	Advanced Emergency Braking Syst.
R17	Seat anchorages	R138	Sound emissions
R18	Protection against unauthorized use	R141	Tyre Pressure Monitoring System
R28	Horn	R151	Blind Spot Information System
R29	Cabin strength	R155	Cybersecurity
R39	Speedometer and odometer	R158	Reversing detection
R43	Safety glazing	R159	Moving Off Information System
R46	Devices for indirect vision	130/2012	Vehicle access and manoeuvrability
R48	Lightning and light-signalling	458/2011	Installation of tyres
R48	Emergency stop signal	535/2021	Annex II – Registration plate spaces
R51	Sound emissions	1005/2010	Towing devices
R58	Rear under-run protection	2011/19	Manufacturer statutory plate
R79	Steering equipment	2021/1243	Alcohol interlock facilitation
R89	Speed limiting	2021/1341	Driver Drowsiness
R100	Electrical safety	2021/1958	Intelligent Speed Assistance
		2023/2590	Advanced Driver Distraction Warning



ONE PLATFORM.
ENDLESS POSSIBILITIES.

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