

Irizar ie truck 4x2 - New Generation Technical Data

Cabin	
Type	Low cabin with a single access stair (370 mm)
Driver's seat	Ergonomic seat with pneumatic suspension. Adjustable lumbar support. 3-point safety belt
Passenger seat	Capacity up to 3 seats 3-point safety belt
Climate Control	Electric climate control (heating/air conditioning)
Door	Pneumatic swinging door
Optional rearview mirrors with cameras	Yes
Propulsion	
Type	Synchronous electric motor with permanent magnets.
Nominal power	236 kW
Rated Torque	3,000 Nm
Energy storage system*	
Battery technology	NMC Lithium-ion
• <i>Maximum installed power</i>	up to 512 kWh
• <i>Charging power</i>	up to 350 kW
• <i>Range</i>	up to 400 km
• <i>Charging time:</i>	2-4 hours at 150 kW
Axles	
Front axle	Irizar 9Tn
Drive Axle	Irizar 13 Tn
Wheels	11.75 x 22.5 (Front) / 9.00 x 22,5 (Rear)
Wheels	385/55-22.5 (Front) / 315/70-22.5 (Rear)
Suspension	
Front suspension	Pneumatic
Rear suspension	Pneumatic

* This data may vary depending on the laws of each country

Brakes	
Service brake	Pneumatic activated disks
Electric brake	With energy regeneration for recharging the batteries
Active safety	ESP and ADAS
Output	
Maximum speed (km/h)	93 km/h / auto-limited to 85 km/h
Maximum slope	>16% at 19 Tn (at start)

Safety and regulation	
Compliance with Regulation R29	
Driver area in accordance with ISO16121, VDV234 and EBSF	
Creepage function: assistance when starting	
Hillholder function: Keeps the vehicle stopped for a few seconds when it is on a slope so it does not roll backwards	
Electromagnetic compatibility regulation R10	
Built-in AVAS (Acoustic Vehicle Alerting System) according to the R138 regulation	

A - Distance between axles	4,000 mm	4,500 mm	5,000 mm
B - Total length	≥ 7,062 mm	≥ 7,562 mm	≥ 8,062 mm
C - Front overhang	1,987 mm	1,987 mm	1,987 mm
D - Rear overhang	≥ 1,075 mm	≥ 1,075 mm	≥ 1,075 mm
E - Approach angle	11°	11°	11°
F - Departure angle	15°	15°	15°
G - Maximum cabin height	2,868 mm	2,868 mm	2,868 mm
H - Cabin access step height	370 mm	370 mm	370 mm
I - Distance front axle / rear cabin wall	410 mm	410 mm	410 mm
J - Chassis stretcher to floor height	992 mm	992 mm	992 mm
K - Maximum cabin width	2,540 mm	2,540 mm	2,540 mm
L - Chassis stretcher width	850 mm	850 mm	850 mm