

Technical Specifications

Irizar i8

A masterpiece
of technology



FOR A
BETTER
LIFE



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A TECHNOLOGICAL MASTERPIECE

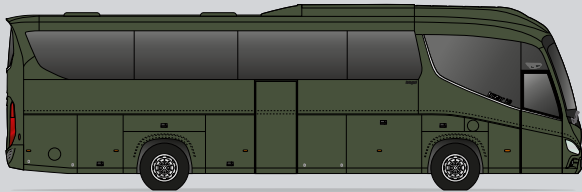
The Irizar i8 is a premium coach designed for long-distance travel and a wide range of specialist applications. It incorporates some of the most advanced technology available. It provides exceptional comfort for the driver, guide and passengers and its distinctive design makes it a symbol of exclusivity, with exceptional levels of quality, durability and efficiency.

In addition to the integral vehicle, it's available in combination with all the chassis available on the market. It is compatible with diesel, biodiesel, HVO and gas engines.

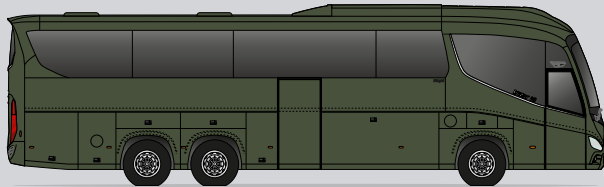


Configure the Irizar i8 to your requirements:

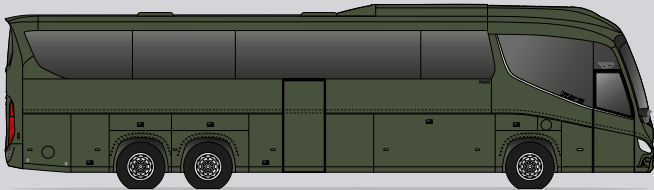
Irizar i8



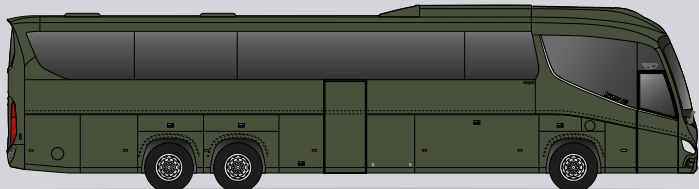
12.4 metres
2 axles



13.22 metres
2 axles



14.07 metres
3 axles



14.98 metres
3 axles

** Configurations may vary depending on the country and chassis manufacturer.*

	Dimensions
Length	From 12.4 (2 axles) to 15 m (3 axles)
Height	3,980 mm
Width	2,550 mm



DRIVER-FOCUSED DESIGN

New multi-function screen

The new generation features an updated HMI with a multi-function screen on the centre console designed to make the driver's experience more intuitive and straightforward.

The screen has new functions like on-board diagnostics, providing a clearer overview of the vehicle's status, as well as a navigation system designed for commercial vehicles. The new console also provides control of key body functions.

The new HMI also includes an integrated multimedia system that can be used to control the radio, video, HDMI or USB, The driver's mobile phone can also be connected.

Improved cockpit

The cockpit has a latest generation dashboard with an updated design and the option to choose night mode for driving. It is designed to maximise comfort and ergonomics for the driver.



Less consumption, better visibility

The Irizar i8 has the option of replacing the rearview mirrors with digital cameras to lower aerodynamic resistance and maximise driver visibility under any climate conditions, even at night or in the rain. The driving position that is further forward also contributes to better visibility and more comfort while driving.

You can choose the option of heated rearview mirrors or to install the new cameras and screens, which automatically adapt the brightness and provide the best visibility under all climate conditions.

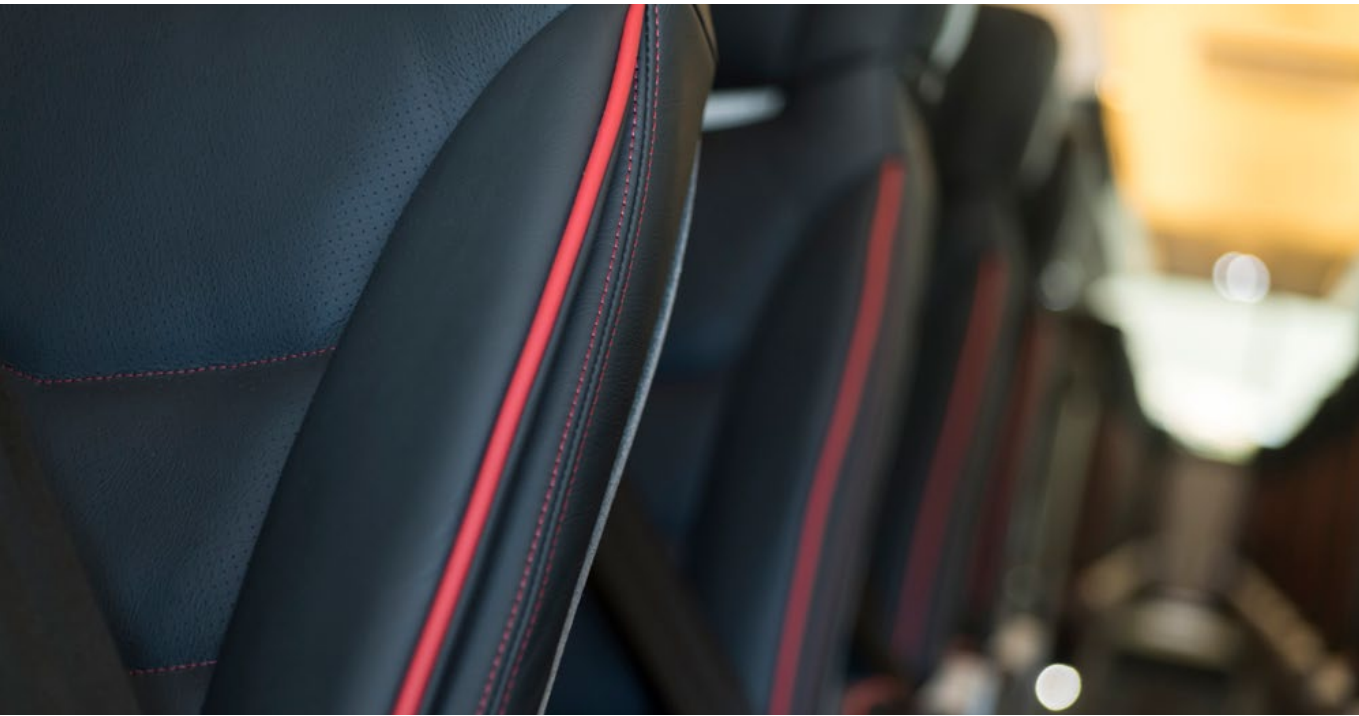
DRIVER AND GUIDE	
Leather driver and guide seat	optional
Driver's seat armrest	optional
Heated driver seat	optional
Multifunction leather steering wheel	optional
Third windscreen wiper	optional
Driver's seat microphone	
Guide microphone	
Wireless microphone for guide	optional
Driver flex-lamp	optional
Guide flex-lamp	optional
Compartment for the driver and guide on the baggage trays	
Tire pressure and temperature sensor	
Heated windscreen	optional
Heated mirrors	
Safe beneath driver's seat	
Refrigerator in dashboard	
Digital vision cameras	optional
Camera mirror recording system	optional
Predictive cruise control	optional
Alcolock	optional
USB socket in driver's seat	



AN EXCEPTIONAL PASSENGER EXPERIENCE

The spacious passenger cabin, optimised layout and carefully designed seat ergonomics, combined with reduced noise and vibration levels, provide an exceptional travel experience.

Passenger space has been increased, with an additional 60 mm of space at the rear and 20 mm more aisle width, this delivers exceptional comfort and an enhanced travel experience.



PASSENGER AREA		
Stainless steel handrail		
New i8 seat	optional	
Adjustable headrest	optional	
Carpeted i8 seat (vertical/horizontal design)		
i8 seats with imitation leather headrests (vertical/horizontal design)		
Extra padded seats	optional	
2+1 seating configuration	optional	
Movable seats	optional	
Clothing rack	optional	
Seat-back table	optional	
Magazine rack	optional	
Centre arm rest	optional	
Footrest	optional	
2-point seat belts		
3-point seat belts	optional	
Individual air conditioning and LED lighting		
Luggage compartment covers	optional	
Carpeting in the aisle, driver's area and foot rest (exclusively i8)	optional	
Exclusive wood effect i8 floor		
Waste bins at the entrance and centre door		
WC in central footboard / rear WC on floor (includes smoke detector)	optional	
Restroom with sensor tap		
Restroom with stainless steel elements		
USB / 220V in every pair of seats	optional	
Individual entertainment system	optional	



EQUIPMENT

ELECTRICITY AND ELECTRONICS		
22-inch front monitor		
Multiplexed system		
Rain sensor for automatic windscreen wipers and automatic lights		
Bluetooth		
BOSCH Smart Series audio-visual equipment		
Irizar HMI 2024 audio equipment	optional	
15-inch second and third monitor	optional	
18.5-inch second and third monitor	optional	
TV Tuner	optional	
Central camera		
Road-facing camera	optional	
Digital clock		
Parking sensors	optional	
Rear camera		
Inside and outside LED lighting		
External perimeter LED lighting for night-time loading and unloading	optional	
GPS integrated with the monitor system		
Front, side and rear destination signs	optional	
Wi-Fi	optional	
RPM lifts	optional	
Electric key for opening + button on front door	optional	
Remote control opening and alarm	optional	
Contact sensors of covers	optional	
Driver Fatigue Detection Systems	optional	



HEATING AND VENTILATION SYSTEM		
Dual-zone air-conditioning system		
Heating system		
Artica climate control unit	optional	
Programmable Pre-heater	optional	
Convector in WC	optional	
Air purifier	optional	
OTHERS		
Retractable step at the centre door		
Driver's bunk (includes smoke detector)	optional	
Vacuum cleaner	optional	
Galley at the centre door	optional	
Front LED headlamps		
Stainless steel structure	optional	
Double glazing		
Dark-tint privacy glazing		
Tinted side windows	optional	
Fire suppression system	optional	
Fire extinguishing system in the engine area	optional	
Additional fuel tanks	optional	
Trailer tow-bar preparation	optional	
Aluminium wheels		
Alcoa Durabright aluminium wheels	optional	
Ski-box mounting system	optional	
Pneumatic luggage compartment covers		
Ski rack above the rear wheel arch		
Under floor KS8 lift	optional	

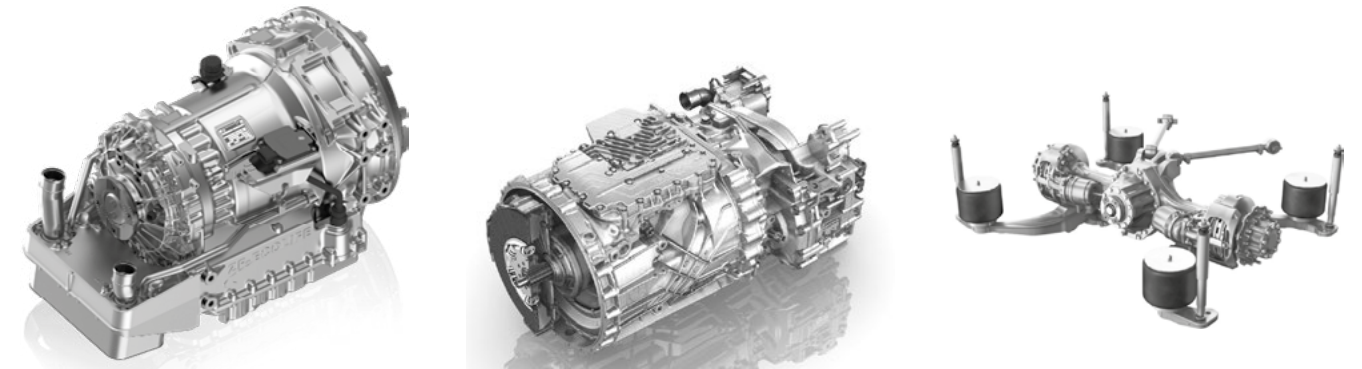


POWERTRAIN

New-generation Irizar integral chassis
Weight reduction of up to 200 kg and 5% of additional consumption

Compatible with diesel, biodiesel and HVO

	MX11 300	MX11 330	MX13 355	MX13 390
Cylinder configuration	6-cylinder in-line	6-cylinder in-line	6-cylinder in-line	6-cylinder in-line
Displacement	10.8 l	10.8 l	12.9 l	12.9 l
Valves	24V	24V	24V	24V
Fuel system	Common Rail	Common Rail	Common Rail	Common Rail
	Variable-geometry turbo-charger	Variable-geometry turbo-charger	Variable-geometry turbo-charger	Variable-geometry turbo-charger
Maximum power	300 kW	330 kW	355 kW	390 kW
	408 Hp	449 Hp	483 Hp	530 Hp
	(1600 rpm)	(1600 rpm)	(1600 rpm)	(1600 rpm)
Maximum torque	2150 Nm	2350 Nm	2500 Nm	2700 Nm
	(900-1,125 rpm)	(900-1,125 rpm)	(900-1,125 rpm)	(900-1,125 rpm)
Emissions standard	EURO 6-E	EURO 6-E	EURO 6-E	EURO 6-E



Six-speed automatic transmission with torque converter.	Fully automated 12-speed manual transmission.	RL82EC front axle and A133 rear axle. In case of three axles, RL82EC third steering axle. Independent front and third axle suspension
Capable of transmitting torques of up to 2,800 Nm.	Capable of transmitting torques of up to 2,800 Nm.	Electronically-controlled air suspension (ECAS) to achieve optimum stability and comfort
Integrated Power Intarder with three braking stages.	Inbuilt ZF Power Intarder with 3 brake points.	Braking system equipped with ABS, ASR, ESC and BFD... electronically controlled by EBS.
Advanced electronic control software for optimised fuel consumption.	Electronics with advanced software for optimal fuel consumption.	



Let’s talk about cybersecurity

We work continuously to stay ahead of the evolving cybersecurity challenges facing our vehicles. We comply with the R155 and R156 European regulations for cybersecurity management systems and vehicle software updates. This helps ensure that systems operate as intended while mitigating emerging security risks.

We are firmly committed to protecting the confidentiality and integrity of information.

+ Front collision warning

Warns of an impending forward collision, giving the driver enough time to react.

+ Safe-distance monitoring

Warns the driver if they are travelling too close to the vehicle ahead.

+ Pedestrian collision warning

Daytime warning with visual alerts of an impending collision with a cyclist or pedestrian.

LEADING THE WAY IN SAFETY

We meet the highest safety standards under the latest GSR2 regulatory framework, integrating advanced technologies such as cameras and radar to help protect you and your passengers.



MOIS

System that detects the presence of pedestrians and cyclists in the vehicle’s front blind spot and alerts the driver.



BSIS

System that detects other vehicles beside and behind the coach on the nearside of the coach.



DDAW

Driver fatigue detection system



ADDW

Driver distraction detection system



ISA

Uses camera-based speed-sign recognition and GPS-linked speed-limit data to alert the driver to the current speed limit and warn when it is exceeded.



ReIS

Camera and sensor technology that detects objects or people behind the vehicle when reversing.



TPMS

System for monitoring tyre pressure and temperature.



AEBS

Advanced emergency braking system that helps minimize the risk of a collision or limit its consequences.



LDWS

Lane departure warning system.



Alcohol Interlock Installation Facilitation

Alcohol start-up interlock.



Emergency Braking Signal

System for activating the emergency lights when emergency braking is detected

Additional safety systems

- + EBS (ABS, ASR, ESC, BFD)
- + AHBC
- + ECAS
- + ACC



LOWER CONSUMPTION AND EMISSIONS

At Irizar, we aim to play a leading role in the sustainable mobility of the future. Our focus is on decarbonisation, the electrification of urban transport and reducing vehicle energy consumption and emissions. We believe the future will be multi-technology, and we are ready for it.

Our new Efficient range focuses on maximising efficiency through weight reduction and improved aerodynamics.

Minimum R&M cost

Thanks to smart technology we have increased the life of the components and we have extended the service intervals as much as possible. Easy access to the engine compartment and components also reduces repair and maintenance costs.

We provide genuine Irizar spare parts, helping to maintain the safety and performance of your vehicles. Using the right parts helps maintain the engine's quality, performance and fuel efficiency. And, all of that comes with fast delivery times, total availability and the Irizar guarantee.

ALWAYS BY YOUR SIDE OUR SERVICES

Vehicle reliability and availability

Our coaches undergo rigorous reliability testing as part of the design process. They are currently operating across five continents in extreme conditions.

They use robust, reliable and proven technology and components to reduce down-time and increase availability and use.

They are also designed to facilitate maintenance and diagnostics.



Personalised support and advice.
Integral vehicle



Turnkey projects and services that meet operator needs.



Repair and maintenance contracts.

We provide a complete range of services that makes it possible to keep the coaches in optimal condition, improve performance, minimise emissions and lower operating costs.

- Extensive service network and a team of experienced Field Service Engineers.

- Training programmes designed to maintain the highest standards of safety, repair and maintenance.

- iService platform, including catalogue, e-shop, Help Desk and order tracking, for service management. Information about the repair and maintenance status

- 24/7, 365 days a year. Integral vehicle

- Extended warranty options

- Fast access to Genuine Irizar spare parts at competitive prices.

- Fleet management solutions tailored to each customer's specific requirements. This enables comprehensive monitoring of operating costs and driving efficiency, resulting in constant improvement in safety, performance and profitability.

- The Operational data is then used to analyse to predict and schedule vehicle maintenance and ensure maximum uptime. The collected operational data is analysed to predict and schedule vehicle maintenance and ensure maximum uptime.

- Eco-driving training to help drivers operate more efficiently and safely, providing significant benefits in terms of increased activity time, improved safety and reduced operating costs.

THE GOAL ENJOY THE TRIP

