

Technical Specifications

Irizar i6

A Versatile
Coach



FOR A
BETTER
LIFE

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A HIGHLY VERSATILE COACH FOR A RANGE OF APPLICATIONS

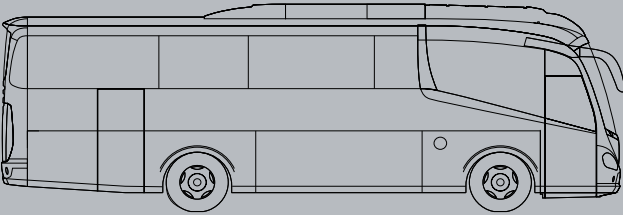
The Irizar i6 is a versatile coach, designed for a range of applications including scheduled services and private hire. Its attractive, modern design is complimented by a focus on maximum profitability for operators. Attention to detail and exceptional comfort combine in a coach that stands out for its versatility and adaptability.

In addition to the integral vehicle, the i6 is available with a wide range of chassis options. It is compatible with diesel, biodiesel, HVO and gas engines.

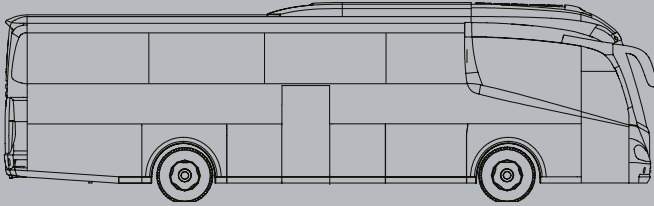


Configure the Irizar i6 to meet your requirements:

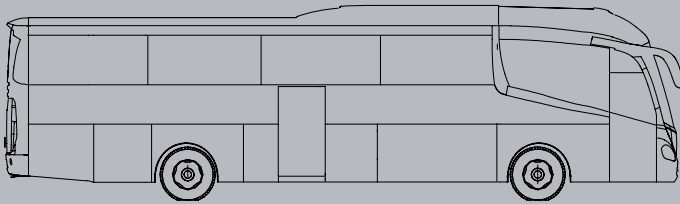
Irizar i6



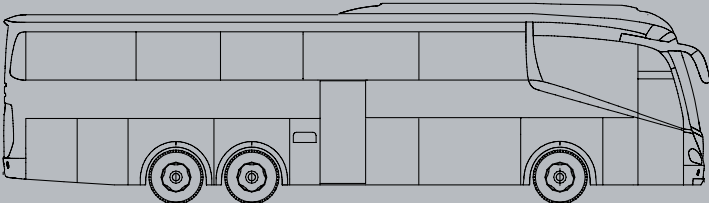
10.78 metres
2 axles



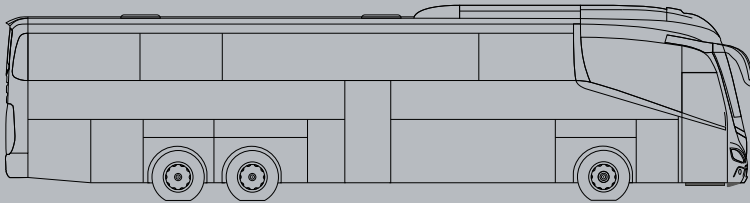
12.20 metres
2 axles



12.92 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	10.8 (2 axles) to 15 m (3 axles)
Height	3,731 mm
Width	2,550 mm



DRIVER-FOCUSED DESIGN

New Cockpit

The new generation features an improved cockpit with a new steering wheel, updated controls and a redesigned digital dashboard, including an optional night-driving mode.

The cockpit and its functions have been designed to maximise driver comfort and ergonomics. The instruments and navigation displays are positioned for maximum visibility and intuitive operation.



DRIVER AND GUIDE	
Black 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
Flexible reading lamp for driver	optional
Flexible reading lamp for guide	optional
Compartment for the driver and guide on the baggage trays	
Heated windscreen	optional
Heated mirrors	
Safe beneath drivers seat	
Refrigerator in dashboard	
Driver and guide compartments in the luggage area	
Predictive cruise control	optional
Alcolock	optional
USB socket in driver 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 AREA	
i6 seats in moquette	
i6 seats with synthetic leather headrests	
Extra padded seats	optional
Clothing rack	optional
Seat back table	optional
Magazine rack	optional
Centre armrest	optional
Footrest	optional
2-point seat belt	
3-point seat belt	optional
Individual air conditioning and LED lighting	
Luggage compartment covers	optional
Carpet in drivers area, aisle and rear	optional
Wood effect floor	optional
Waste bins at the entrance and centre door	optional
Centre/ Rear WC including smoke detector	optional
USB / 220V in every pair of seats	optional



EQUIPMENT

ELECTRICITY AND ELECTRONICS		
22-inch front monitor		optional
HMI that integrates: climate, audio, video, communication media, cameras, Sat Nav, bluetooth, settings, etc.		
Rain sensor for automatic windscreen wipers		
Bluetooth		
BOSCH Smart Series audio-visual equipment		optional
15-inch second and third monitor		optional
18.5-inch second and third monitor		optional
TV Tuner		optional
Centre camera		optional
Road-facing camera		optional
Digital clock		
Parking sensors		optional
Interior and exterior LED lighting		
GPS integrated with the monitor system		optional
Front, side and rear destination signs		optional
Wi-Fi		optional
RPM lift		optional
Electric key for opening + button on front door		optional
Remote control opening and alarm		optional
Contact sensors of covers		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
OTHERS		
Driver's bed (includes smoke detector)		optional
Vacuum cleaner		optional
Galley near the centre entrance.		optional
Stainless steel structure		optional
Double glazing		
Dark-tint privacy glazing		optional
Tinted side windows		optional
Air purifier		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		

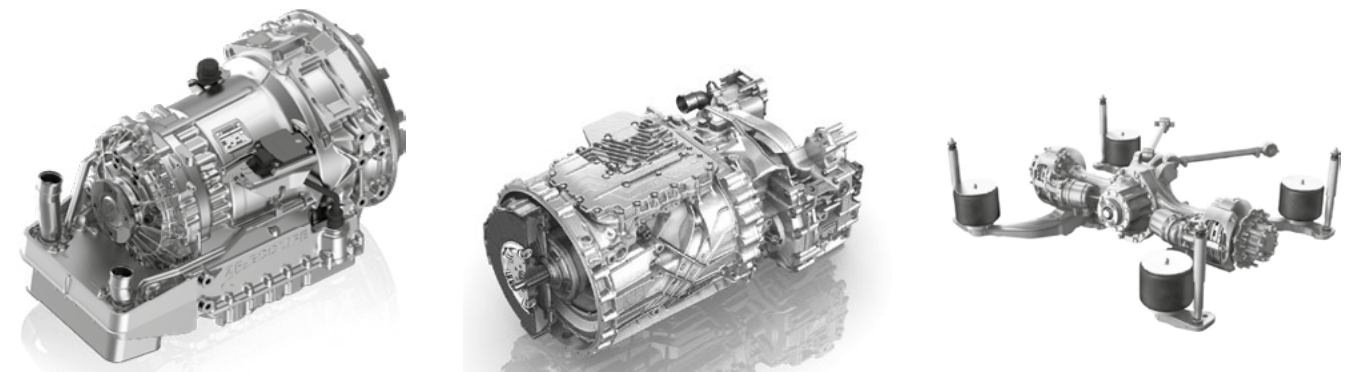


POWERTRAIN

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

Compatible with diesel, biodiesel and HVO

	MX11 270	MX11 300	MX11 330	MX13 355	MX13 390
Cylinder configuration	6-cylinder inline	6-cylinder inline	6-cylinder inline	6-cylinder inline	6-cylinder inline
Displacement	10.8 l	10.8 l	10.8 l	12.9 l	12.9 l
Valves	24V	24V	24V	24V	24V
Fuel System	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
	Variable-geometry turbocharger	Variable-geometry turbocharger	Variable-geometry turbocharger	Variable-geometry turbocharger	Variable-geometry turbocharger
Maximum power	270 kW	300 kW	330 kW	355 kW	390 kW
	367 Hp	408 Hp	449 Hp	483 Hp	530 Hp
	(1600 rpm)	(1600 rpm)	(1600 rpm)	(1600 rpm)	(1600 rpm)
Maximum torque	1950 Nm	2150 Nm	2350 Nm	2500 Nm	2700 Nm
	(900-1,125 rpm)	(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	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 side opposite the driver.



DDAW

Driver fatigue detection system



ADDW

Driver distraction detection system



ISA

System that uses a speed limit sign recognition camera and speed limit data linked to the GPS to notify the driver about the current speed limit and warn them if they are speeding.



ReIS

Camera and sensor technology that shows the driver if there are objects or people behind the vehicle when it’s backing up.



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

More 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 parts 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, 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



