

Irizar i3



Solidity and growth

Throughout the company's history, Irizar has responded to clients' different challenges and needs, making a continuous effort to improve the safety, reliability, comfort and profitability of its products, as well as offering clients the best service possible.

After celebrating more than 120 years of history, today it is a world-leading business in the road passenger transport sector, and now also has a presence in the electronics, communications and electric rotary machine sectors. It is a global with over 3,400 employees, production plants in 6 countries, a sales presence in more than 90 countries across 5 continents and its own research and development technology centre.

It is a brand that continues to grow, consolidate, diversify and look to the future. A future where technology, electronics, telecommunications, innovation, environmental and social sustainability, diversity and mobility coexist due to its employees, clients and partners.





Irizar





Safety, a constant

The safety of everyone who travels in Irizar bus and coaches is the main priority it becomes to the design and build of these vehicles.

Everything available is invested into finding and incorporating the most advanced technology in order to be leaders in the field. By anticipating the demands and regulations of each market we strive to achieve and guarantee the highest safety levels for drivers and passengers.

Coach and bus reliability

Irizar coaches and buses are designed within the most demanding parameters to ensure the vehicles have the highest quality finish and are particularly robust and reliable.

In addition to introducing the most advanced technologies in terms of design, materials, parts and production processes, the vehicles are thoroughly tested by Institutes and independent, prestigious engineering companies, obtaining excellent performances and results.





Irizar i3





Irizar Service: what makes the difference 24 hours a day, 365 days a year, 12 languages


Customer service is an outstanding feature of Irizar and a valuable asset that sets the company apart, ensuring clients' permanent trust. It is based on a personal service that starts the moment a client defines and configures their coach or bus according to their needs together with a team of people who will accompany the vehicle along its whole life cycle.

The Irizar brand is a service guarantee, offering clients the possibility of a complete repair, servicing, and maintenance service with a maximum guarantee, as well as modern technical and logistics centres that respond to requests and supply all the necessary parts to every corner of the world in the shortest time possible.

Client profitability

Maximum profit based on minimizing fuel consumption, achieved by designing coaches with optimum aerodynamics and weight distribution, plus maximum accessibility to parts for ease of maintenance.



A close-up, black and white photograph of a car's front end. The image focuses on the left headlight, which is illuminated, showing its internal lens and reflector components. To the right, a portion of the car's grille is visible, featuring the Irizar logo. The car's body panels are smooth and metallic, with a prominent crease running across the front. The lighting is dramatic, highlighting the textures and contours of the vehicle's design.

*Irizar guarantee coverage and
maximum resale value*





Irizar i3 Low Entry

The new Irizar model complements the current Low Entry range. It stems from the joint reflection of the clients need for finding a more functional and versatile product to cover the Low Entry range with full guarantee.

Why does a coach of these characteristics have to lack design?

The Irizar i3 even allowing a high degree of accessibility and functionality, maintains all the features and attributes of the Irizar family regarding SAFETY, RELIABILITY, PROFITABILITY, SERVICE AND IRIZAR GUARANTEE.

- Weight and distribution have been optimised, maintaining the attributes of safety and strength. The structure is designed according to R66/01, concentrating on the improvement of its behaviour in the case of a frontal crash, and in the rigidity of the roof unit.
- The driving position is very ergonomic and comfortable and has a wide range of visibility.
- The experience accumulated at Irizar has allowed us to develop a vehicle built with first class materials and reliable and functional manufacturing solutions.

Facilitating accessibility

Designed to facilitate access attending to the most demanding standards in this aspect. Possibility of defining the vehicle with a double or single front door.

The lower height from the floor to the ground, with a maximum of 340mm without Kneeling and 270mm with Kneeling, contributes to improving accessibility and allowing the homologation of the vehicle as class I or class II.

Manual or automatic ramp for RMP access. Wide and clear passage.







In ar i3



Comfort for passengers

The safety and comfort (accessibility-mobility) of passengers and the profitability for operators have been the most important points on which Irizar has based this project.

The quality of design both interior and exterior stands out as differentiating elements of this product.

The most demanding standards regarding accessibility have been applied at the front area. At the rear part the internal height allows passengers in that area to enjoy a generous amount of internal space offering the passenger excellent comfort.

The interior of the bus includes more possibilities of configuration regarding the amount of seated and standing passengers.

Easy maintenance

Its internal design, using anti-vandal materials, facilitates cleaning and allows adequate maintenance according to the highest demands of the operators, optimising the periods of change and cost of spare parts.

The front is modular and dismountable, which facilitates the replacement of components with higher damage risk.

The Irizar i3 that way becomes a referential bus for the short distance segment optimising the exploitation costs without renouncing the characteristic values of the Irizar products.





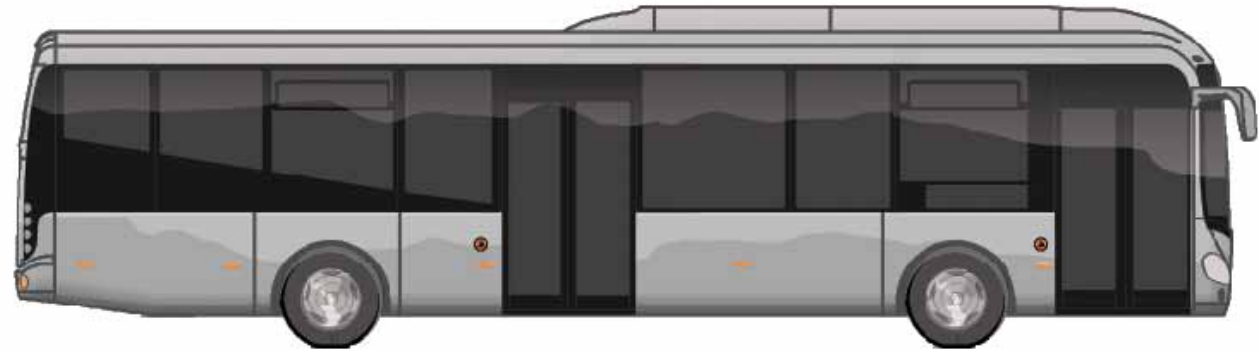


A referential bus for the Low Entry segment

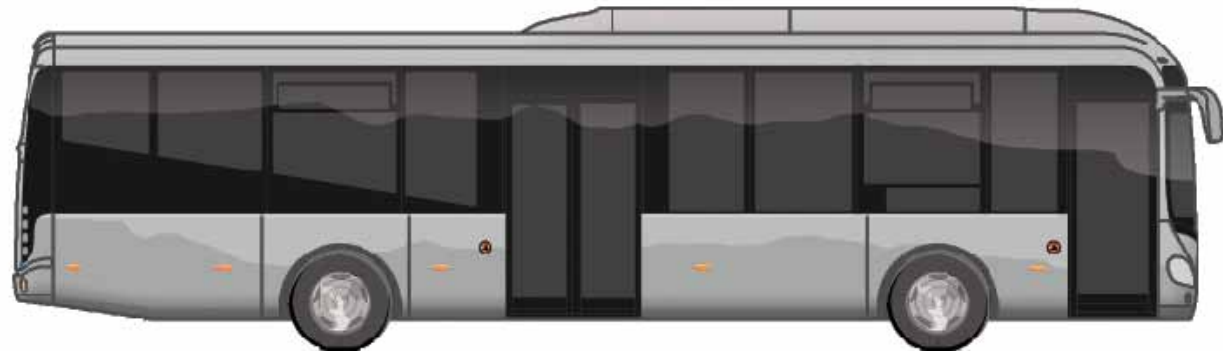
- The demanding R.66.01 regulation has been the reference for design of the vehicle structure.
- The weight of the vehicle and the optimum distribution allows maximising the dynamic behaviour of the same.
- Different front door configurations with single or double doors in accord to the needs of the operator.
- External and internal lamps with LED technology.
- Design of the external and internal elements aimed at minimising the periods for changing and the cost of spare parts.
- Electronic panel of the chassis and coachwork perfectly integrated into the interior with optimum accessibility.
- Ergonomic driver position with independent locking prepared for the collector, issuer and canceller and multiple compartments and glove-box.
- Acclimatisation equipment integrated into the roof.
- Multiple lay-outs for internal configuration in accordance to the needs of the client.

Available door versions

Irizar i3 Low Entry with
double front door



Irizar i3 Low Entry with
simple front door





Product Description

1.1 BODY DIMENSIONS

- **Length:** From 10,8m to 15m
- **Height:** 3,39m (above Air conditioning pod)
- **Width:** 2,55m
- **Internal height:**
 - Min. 1,950mm
 - Max. 2,550mm
- **First step height:**
 - 340mm without Kneeling
 - 270mm with Kneeling
- **Wheelbase:** 4,500mm / 6,800mm
- **Front overhang:** 2,780mm
- **Rear overhang:** 3,215mm

1.2 STRUCTURE FEATURES

- High Resistance tubular and curved profiles of Carbon Steel (Stainless option)
- MIG welding of all the profiles
- Internal anticorrosion protection with Dinitrol product
- External anticorrosion protection with Basf green epoxy
- European Low Entry lay-out

1.3 BODY / EXTERNAL PANELS

- Roof fabricated with two pieces of 1,2mm aluminium plate
- Side panel of high quality 2,5mm aluminium plate
- Exterior access bins with over 2,5mm aluminium plate and aluminium tubular profiles
- Complete thermal and acoustic isolation of the body according to Euro VI standards
- Front roof, air conditioning cover, front and rear bumpers made of structured fiberglass

1.4 FLOOR

- High quality hardwood plywood with thickness of 12mm laminated underneath with 0,5mm aluminum coat
- Complete thermal and acoustic isolation with especial materials
- Synthetic anti-flammable anti-slippery PVC floor covering

1.5 DOORS

- Masats electrically operated opening doors with sensitive automatic safety features and internal emergency dispositive.
- Different doors layout options according to customer needs
- Masats manual access ramp on front door

1.6 WINDSHIELD AND SIDE WINDOWS

- Laminated tinted windshield in two pieces according to European Standards ECE 43
- Double or single glazing European windows dark tinted and tempered. Six hopper windows on cabin
- Hopper windows available
- All windows are fixed to structure with adhesive polyurethane

1.7 SEATS

- Pneumatic completely adjustable Isri 6.860 basic seat for driver with headrest and three points adjustable seatbelt or FA 416 E2 seat
- Safe box under driver
- Different seat options available

1.8 CLIMATE SYSTEM

- Driver's demister with heating functions
- Floor heaters distributed along the cabin
- Two roof hatches with four opening positions
- Full bizona climate system offered as optional

1.9 INTERNAL EQUIPMENT

- 4kg Fire extinguisher
- Overhead air duct panels and roof center panels plastic injected, painted in RAL 7047
- Internal side walls under windows and pillar coverings painted in RAL 7047
- Stainless steel vertical handrails/stanchions, in a matt finish and distributed as per European regulation

- Dashboard and driver's partition made of structured fibreglass
- Manual pantographic sun blinds installed on driver's side window and front windshield
- Two emergency exits installed in the roof hatches and also service doors or side windows driven by hammers according to European regulations

1.10 EXTERNAL EQUIPMENT

- Front and rear bumpers made of structured fiberglass divided in three parts
- Towing hook installed in front of the vehicle
- Rearview external mirrors with electric command and demisting system
- Fuel capacity: From 310 to 410 liters

1.11 INTERNAL / EXTERNAL LIGHTS

- Exclusive Irizar polycarbonate headlights with LED daylight function
- LED individual tails lights
- LED Side position lights
- LED light spots for Driver and service door position
- Saloon illumination composed by LED lighting
- Aisle lights on steps to rear saloon part

1.12 ELECTRICAL / ELECTRONIC EQUIPMENT

- All wiring white and with identification references in English according to European standards
- Reverse movement external alarm
- Electric motor driver windshield wipers with washer and timer
- Stop display inside cabin
- Pre-wiring installation for cancelling machine on dash board and UHF on box on top of driver
- Pre-wiring installation for four CCTV cameras in different positions as per customer request

1.13 ENTERTAINMENT SYSTEM & DESTINATION EQUIPMENT

- Eight loud speakers installed along parcel racks and driver's area
- Driver's microphone
- LED Destination panels in front, side and rear as per customer request

1.14 PAINTING PROCESS

- All structure profiles painted with anticorrosion Basf-Glasurit primer epoxi
- All body painted with Basf-Glasurit epoxi
- External coating by S22 and S55 from Basf-Glasurit
- Body underneath protect with Basf-Glasurit special paint rubber based for noise and stone guard protection
- Internal part of exterior access flaps compartment painted with Basf-Glasurit epoxi
- All structure lower profiles internally protected with Dinitrol agent for internal corrosion prevention
- Basf-Glasurit high quality clear coat

1.15 EUROPEAN REGULATIONS COMPLIED BY THE IRIZAR I3

- Coach body regulation: R107, passenger access to bus
- Anti roll-over regulation R66/01
- Windshield and side windows vision regulation: R43

- External noise level directive: 96/20
- Light installation directive: 97/28 or Light installation regulation: R48, positioning and category of external lights
- External mirror installation directive: 88/321 or external mirror installation regulation concerning external view of driver: R46
- Electromagnetic compatibility: 95/54: concerning the electromagnetic emissions of the electrical and electronic devices installed in the body
- License plate installation directive: 70/222: concerning license plate installation to identify the bus
- Diesel tank directive: 81/333, concerning resistance and leak inexistence of the diesel tanks
- Window installation directive: 92/22: concerning the specifications of the windows mounted in the bus
- Fire resistance directive: 95/28: concerning the fire resistance of all the materials mounted in the passenger saloon
- Switch, indicator and command positioning directive: 94/53: concerning the design of the command indicators and its positioning



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