

IVECO
BUS
Drive the road of change



CROSSWAY



CROSSWAY

Thanks to millions of kilometres driven under all conditions Crossway can offer a high reliability rate. Productivity is at the heart of the new Crossway: the best quality to price ratio in the market, fuel efficiency, longer service intervals, higher safety and many more enhancements. Three lengths (10.8 m - 12 m - 13 m), six engine layouts (Cursor 9 CNG or Biomethane, Cursor 9 Hybrid CNG, Cursor 9 Hybrid Diesel, Tector 7 for Diesel / HVO / XTL, Cursor 9 for Diesel / HVO / XTL), a wide offer of seat layouts make the Crossway range the best and most flexible means of transport.





CROSSWAY

CROSSWAY

IVECO

CROSSWAY



06
Market leader in Europe

08
The Crossway at a glance

10
Versatility

12
Innovative design

13
Driver area

14
Engines

15
Crossway CNG

16
The Crossway Hybrid

17
Simple, efficient, cost-effective

18
A new world of connectivity

19
Premium Pack

20
Tailored service solutions

Market leader in Europe

A hundred years of bus production experience have taught us what is most demanded from our vehicles.

It is reliability. Our Crossway buses represent the highest and most successful challenge in the world of public transport: carrying millions of people across Europe in a safe and comfortable environment, along with a high and reliable technological content at the best economic conditions in the market. The biggest and most varied net of operated lines is the best testing track all over the world.

Each day millions of people put their trust in our vehicles to transport them to work, school, doctor or just take them for a trip. Each day there are people waiting at the stops in the Finnish Ivalo, Spanish Malaga, Norway Alta, Greece Kavala or Freesland. For the whole year at various places, from -30 °C to +40 °C, in every kind of weather, they believe that our vehicles will come for them.

This trust makes us feel obliged to see our vehicles as tireless workers serving flawlessly for long years. The whole construction and production of the vehicles is subordinated to these needs.

Aside from our irreplaceable long experience with commercial operation, for each new generation of vehicles we perform incredibly heavy tests with a huge quantity of prototypes. Tests are carried both in traffic and especially in extreme climatic and operation conditions.

A long tradition

Road & functional tests

1,000,000 km by range

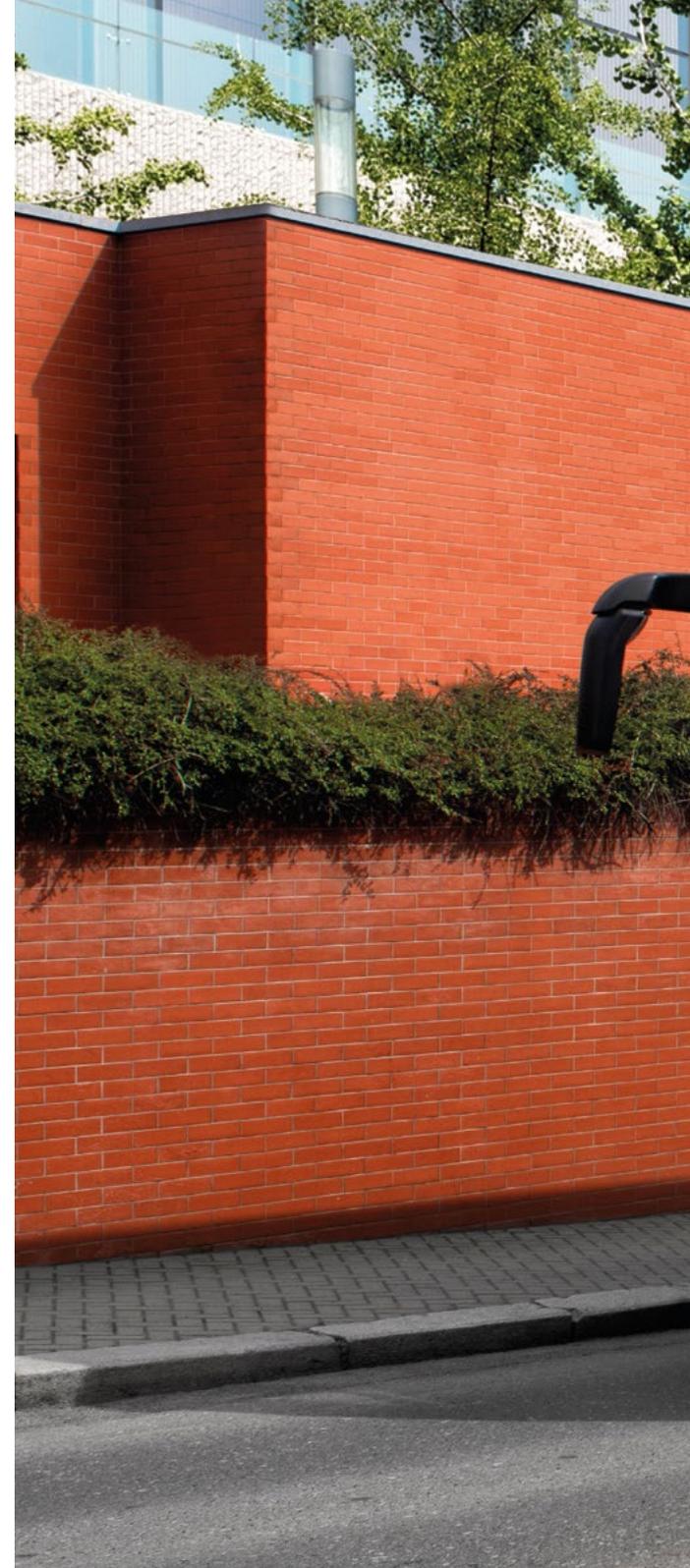
Endurance tests

Equivalent of 6,000,000 km on European Roads by range

Reliability tests

1,600,000 km in real transport condition

The foundation for quality production.





IVECO

CROSSWAY

CROSSWAY

The **CROSSWAY** at a glance

Designed for interurban and school transport, Crossway is a reliable and universal hard worker whose amazing qualities have made it the most sold intercity vehicle in Europe. A perfect instrument for short distance and medium distance passenger transport.

VERSATILITY

- Three lengths (10.8 m - 12 m - 13 m)
- A wide offer of seat layouts
- High level of personalization with more than 1200 possible configurations

DRIVER AREA

- Ergonomic dashboard, new cluster, adjustable steering wheel for better driver comfort
- Generous space & thermal comfort
- Optimised storage

PRODUCTIVITY

- Best-in-class Total Cost of Ownership
- High passenger capacity

EFFICIENCY

- CNG, HYBRID and HI SCR engines
- 1 mechanical gearbox and 2 automatic gearboxes
- Cross range standardisation for maintenance optimization



BIO CNG



CNG



HYBRID GAS



HYBRID



HVO



HI-SCR



Versatility

A complete range for all missions

Crossway can easily satisfy all customer needs in every passenger transport mission thanks to its versatility and variety of available versions.

Crossway - Pop version

The best solution for school transport, delivering excellent accessibility and carefully designed interior comfort. Attractive operating costs and proven reliability complete the package.

Crossway - Line version

The ideal choice for short-distance and medium-distance passenger transport, featuring low fuel consumption, longer service intervals, a driver area conceived to meet the highest ergonomic standards, all in a safe and comfortable environment.

Crossway - High Value version

The evolution of Crossway Line with individual passenger's lights and air outlets for long distance missions.

Crossway - CNG version

Crossway CNG implements design solutions from the proven Crossway family. Patented full integration of gas bottles in the roof yields the lowest height on the market (3,45 m), giving maximum stability on the road and making Crossway CNG the perfect choice for any route.

Crossway - Hybrid version

The introduction of the hybrid technology to Crossway enables transport operators to benefit from a significant reduction in energy costs and CO₂ emissions compared to internal combustion models. The new Crossway hybrid Diesel is available in 3 lengths: 10.8, 12, 13 meters. The hybrid version powered by natural gas is available in 12 and 13 meters.





Innovative design

New front face

The new front face of Crossway is now hosting the specific driving assistance systems ADAS for safer driving:

- **BSIS** – Blind Spot Information System
- **MOIS** – Moving Off Information System
- **ISA** – Intelligent Speed Assistant
- **DDAW** – Driver Drowsiness Attention Warning

Those sensing tools are incorporated in a radar installed in the front face and a camera lens covering the whole frontal area from the inner side behind the windscreen. Its combination is able to detect Vulnerable Road Users approaching frontally and from lateral directions, as well as road signals. The camera is packed with a light sensor that allows the automatic switching on of front headlights.



— I ISA CAMERA

— I BSIS RADAR

— I MOIS RADAR

Driver area

Driving the Crossway is easy

The dashboard has been redesigned with new control commands at short distance from driver. Steering wheel controls are close to fingers with no need to release the steering wheel to have under control all the main functions. More space and a new look make the driver cabin a comfortable place for everyday operations.

Fully colored display cluster 7" shows more driving information: the Driving Style Evaluation, engine oil level, gearbox info and speed set up for Cruise Control. Dashboard commands are fully customizable, Driver's comfort is not forgotten with multiple storage space, charging plugs, double USB, cup and bottle holder.

Improved ergonomoy

- All controls are visible
- Dashboard controls at short distance from driver
- Steering wheel controls close to fingers, no need to release the steering wheel

100% Work place

- Customizable dashboard
- Multiple storages (A4 folder storage)
- Charging plugs 12 V, 24 V, double USB
- Cup and bottle holder

More driving information

- Fully colored display numeric cluster 7"
- Driving Style Evaluation
- Accumulator charge
- Engine oil level
- Gearbox info
- Speed set up for Cruise Control



Engines

The Crossway range is versatile enough to accommodate different engine layouts: Cursor 9 CNG or Biomethane, Cursor 9 Hybrid CNG, Cursor 9 Hybrid Diesel, Tector 7 for Diesel / HVO / XTL, Cursor 9 for Diesel / HVO / XTL.

Tector 7 Diesel / HVO / XTL high efficiency

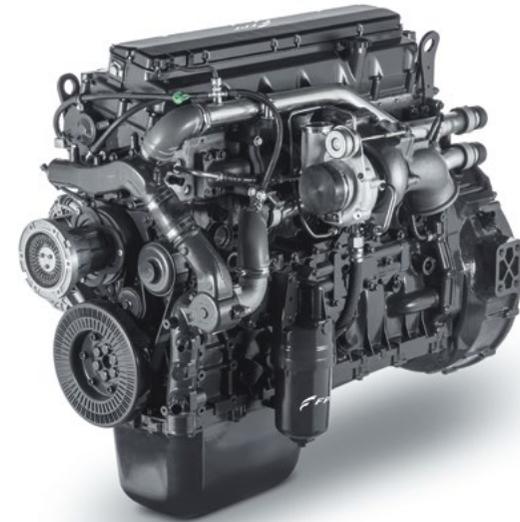
- Lighter, downsizing, longitudinal position
- High performance with 320 hp
- Excellent fuel savings

Cursor 9 Diesel / HVO / XTL high performance

- Up to 1600 Nm torque to cope with any slopes
- Optimized accessibility for maintenance
- Transversal installation providing excellent rear-door passenger flow
- Easier A/C installation for demanding climatic performance

Cursor 9 CNG high experience

- High performance with 360 hp
- Low emissions and Biomethane compatible
- Up to 1,620 Nm torque
- Optimized accessibility for maintenance



Length (m)	Version	DIESEL		CNG		HYBRID	
		Tector 7	Cursor 9	Cursor 9 Natural Gas	Cursor 9 Diesel / XTL	Cursor 9 Natural Gas	
		320 hp 235 kW	360 hp 265 kW	360 hp 265 kW	360 hp 265 kW	360 hp 265 kW	
10.8	POP	•	•		•		
12		•	•	•	•	•	
13		•	•	•	•	•	
10.8	LINE	•	•		•		
12		•	•	•	•	•	
13		•	•	•	•	•	

CROSSWAY CNG

IVECO BUS has always maintained a strong commitment to sustainability, developing products that both respect the environment and satisfy customers' needs for productive, reliable, safe and comfortable buses and coaches. In anticipating requirements for cleaner air and low-carbon mobility with the development of the CNG-powered Crossway coach IVECO BUS is providing the right vehicle for sustainable regional transport.

Expertise in natural gas transport

Over the last 25 years, IVECO BUS has developed CNG as an alternative power source to petroleum derivatives.

With each CNG bus generation, IVECO BUS has acted as a long-term partner to public transport providers, providing vehicles and support to help them build up their CNG fleets. Proof of that commitment lies with the nearly 8,000 IVECO BUS CNG buses now in service.

Regional transport authorities can now further expand their clean vehicle networks across their regions outside urban nodes with Crossway Natural Power.

The natural choice for sustainable mobility

While demand for mobility is growing far beyond urban areas, CNG-powered mobility is the choice to make now for the future. Natural gas-powered vehicles are recognized both at the European and local level for clean fleet renewal and use inside low-emission zones. CNG mobility offers near-zero particulate emissions as well as low NOx and reduced noise (up to -3dB).

In combination with the use of bio-methane, the CO₂ footprint can be cut by up to 95%.



The CROSSWAY Hybrid

Comfort for the driver, passengers and pedestrians:

Engine off when stationary

- No exhaust gas emitted when stationary

Greater passenger comfort:

- Quiet when stopping
- Less vibration (no vibration when stationary)

Easy to handle:

- Operation of the vehicle similar to a Diesel or CNG model
- No specific clearance required for maintenance

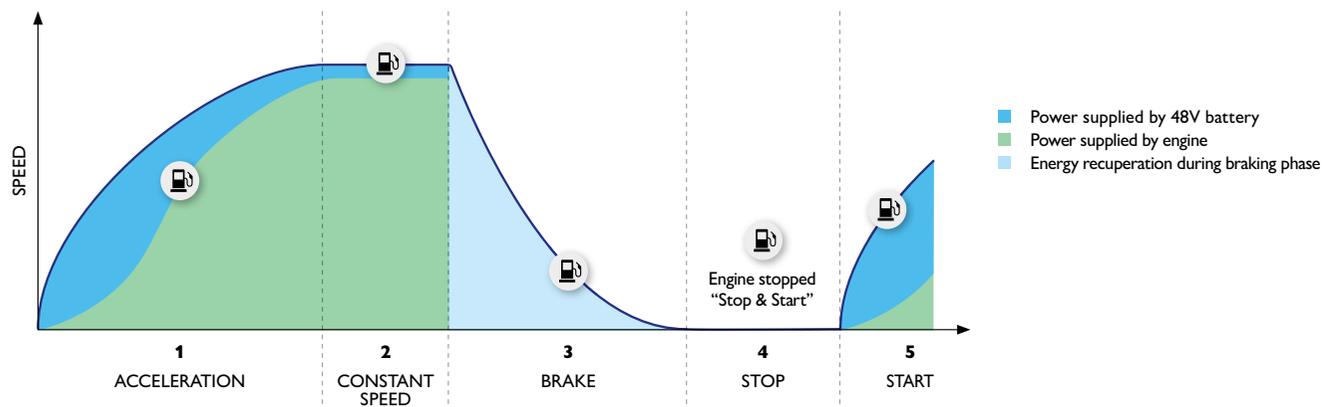
Environmental benefits:

- Up to 6% reduction in CO₂ emissions
- Removal of emissions when stationary using Stop&Start system

Economic benefits:

- Improved TCO with up to 16% reduction in energy costs
- Consistently cost-effective hybrid technology

HYBRIDISATION THAT GENERATES FUEL EFFICIENCY DURING EVERY OPERATING PHASE, FROM START-UP AT THE DEPOT TO RETURN





Simple, efficient, cost-effective

The sustainable transport solution the city needs

Complete Hybrid Range

- 10.8, 12 and 13 meter **Crossway** equipped with Diesel Cursor 9 engine, XTL compatible, available in **Class II and III**
- 12 and 13 meter **Crossway Hybrid** (Class II & Class III) Natural Gas versions

Simplicity

The Crossway Hybrid is characterised by its easy of use and maintenance, very similar to the traditional Diesel and CNG versions.

Important benefits

With its ability to assist the combustion engine, recover energy when braking and enable engine Stop&Start, the Crossway's hybridisation provides a significant reduction in its fuel consumption, TCO and environmental impact.

- **48 V battery**
- **24/48 V converter**
- **Electric Engine**

The hybrid system mainly consists of a 48 V battery and a 35 kW generator connected to the gearbox. The entire system is driven by a control unit providing smart and efficient energy management during the various operating phases.

A new world of connectivity

The most advanced connectivity on the new IVECO BUS RANGE puts you in full control of your Bus fleet, allowing you to operate efficiently by optimizing the fleet's uptime, energy consumption and Total Cost of Ownership (TCO).

Reduce your costs, improve your performance and make your bus operation & maintenance smarter than ever by choosing our connectivity and selecting the solution that best meets your requirements.



Smart Pack

The Smart Pack is included as a series equipment in all IVECO BUS heavy range vehicles. It provides you with Digital services on your Bus Fleet through the following features:

IVECO ON Customer Portal

- Dashboards and reports available about any bus fleet operation
- Driving Style Evaluation dashboards

Control Room Reports

- Online, dynamic technical reports
- Monitor your buses' daily KPIs and recurring faults
- Find all the information you need to manage your maintenance more proactively
- Keep an eye on your e-buses with a dedicated traction battery report



The IVECO Easy Bus app is designed to make your life easier

Directly from your mobile device, you can benefit from the following features:

- **Driving Style Evaluation:** The user experience is enhanced thanks to the real-time driving style KPIs and to the possibility to compare scores between several trips
- **Remote Assistance Service:** This feature enable your dealer to perform diagnosis and programming remotely in case of software problem on your vehicle. Thus it improves the vehicle's uptime and limits travels and costs
- **Over the Air update:** You are able to perform software recall campaign by yourself in the vehicle without stopping at workshop. It will also increase your vehicle's uptime and enable you to have a vehicle always up to date. You can choose the right moment to update the software
- Easy Pairing to your vehicle



Premium Pack

Select a fleet management service to help you monitor in real time many indicators such as geolocation, energy consumption, traction battery state of charge or remaining range. New services will support your e-bus fleet operation, providing charging station monitoring, Smart Charging and Depot Management.

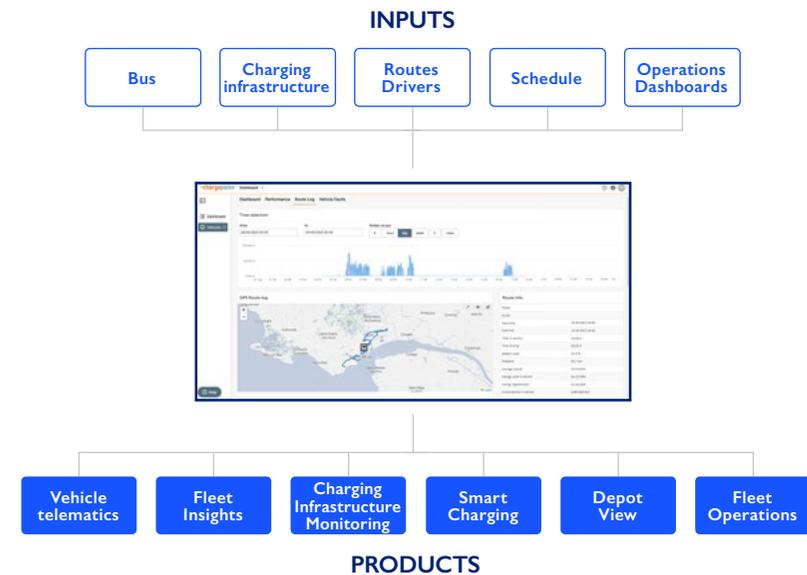
TiGR Web API

The TiGR Web API (specified by the European ITxPT association) is a standardized multi-brand fleet management data stream. It allows you to integrate the data into your own systems and receive real-time events and alerts, vehicle diagnostic trouble codes and all needed KPIs about your fleet performance.



FLEET MANAGEMENT by ChargePoint

Choose among ChargePoint products the solution that best fits your needs for your ICE or e-bus fleet, including charging stations, Smart charging and depot management. Services are part of IVECO BUS offering and can be activated via the IVECO ON Portal.



FLEET MANAGEMENT BENEFITS

- Key features for Vehicle telematic license are real time position, battery SoC, FMS data and more
- Adding the Insights license gives more features such as Analysis functionality or detailed battery
- Chargers monitoring for fleets consists of different packages. It covers the essentials for fleet depot customers
- Smart charging makes sure that energy gets distributed to the chargers within the site limits while also limiting energy costs
- Depot View provides a visual overview of the depot with all chargers and vehicles
- Fleet Operation is the final step, where variables like route planning and state of charge of the vehicles are taking into account to allocate vehicles to specific chargers in order to optimize depot operations

Tailored service solutions

When selecting IVECO BUS you have made a quality choice: you can rely on the best maintenance, high performance parts, and skilled experts ready to help you whenever and wherever you need it, allowing you to be focused just on your business.

Customised service packages

With the aim of offering you the service you need, IVECO BUS has a wide range of tailored service packages, designed to keep your vehicle on the road with minimal interruptions for maintenance and, if needed, repairs.

Tailor-made service

Specialised high-quality service packages aim to ensure a long life for every vehicle in all sectors. Combine the packages that best fit your needs in order to create your own tailor-made service solution! Choose your Planned Maintenance Contract and Extended Guarantee, by combining the major Elements that make up the offer (Maintenance, Drive Line, Extra Drive Line, Wear) that perfectly suits your business.

The table below summarises all the possible combinations:

PLANNED MAINTENANCE CONTRACTS				
	Maintenance	Drive Line	Extra Drive Line	Wear
3XL • LIFE	•	•	•	•
M • LIFE	•			•
S • LIFE	•			

MAINTENANCE

- Maintenance
- Lubrication
- Oil and fluid changes according to the maintenance and repair handbook

DRIVE LINE

- Engine
- Fuel injection
- Gearbox
- Propeller shaft and axle repairs

EXTRA DRIVE LINE

- Components not already covered by the drive line element
e.g. Electrical System

WEAR

- Clutch
- Brake pads
- Brake discs
- Brake drums
- Brake linings for drum brakes

IVECO
00800|4|8|3|2|6|000
Assistance Non-Stop

IVECO ASSISTANCE NON-STOP means 24 hours a day, 7 days a week assistance on the phone to keep your Crossway and your business running. IVECO NON-STOP is the original IVECO smartphone application that you can use to communicate with IVECO if your vehicle breaks down.



IVECO
CAPITAL

IVECO CAPITAL is the captive financial services Brand of Iveco Group, and offers a full range of financing, leasing, rental and ancillary services for commercial vehicles. Extended warranty, maintenance and repair services, and various types of insurance, can be included in the pack*. IVECO CAPITAL supports all your business needs with a dedicated bundle offer, an expert consultant in the IVECO BUS dealer will propose not only an efficient financial offer but a full range of tailored services to guarantee you a real peace of mind solution. Discover more on www.ivecocal.com finding the right solution for all your business needs.

*Subject to credit approval. Offerings and products may vary by country depending on the local fiscal and accounting regulations



Genuine Parts
HIGH PERFORMANCE

GENUINE PARTS assure your Crossway keeps running in service and with cost efficiency. The wide offering ranges from new and remanufactured parts to service kits and telematics solutions.



IVECO
BUS
CERTIFIED PRE-OWNED

CERTIFIED PRE-OWNED is the IVECO BUS certification label, guaranteeing quality and excellence to customers wishing to buy a safe, reliable and warranted pre-owned bus. The CERTIFIED PRE-OWNED European team has six centres across four countries: France (Mity-Mory, Corbas and Rorthais), Germany (Ulm), Italy (Verona) and Spain (Madrid), all offering a wide range of solutions for any people transport need.

SERVICE NETWORK

No matter where you are located, you will never be far from an IVECO BUS workshop or authorised service point. Thanks to a widespread network of more than 600 service points in Europe, with fully trained technicians and diagnostics experts, IVECO BUS is always ready to help you and sort out any problems you may encounter, wherever you are, whenever you need us.

IVECO
BUS
Drive the road of change

PUBLICATION CROSSWAY EN 09/24

The information and images in this catalogue are provided as a guideline only.
IVECO BUS reserves the right to make changes for any commercial or construction reasons at any time without notice.