

IVECO BUS

Drive the road of change



EVADYS



EVADYS

Born versatile and designed for regional and national route services, airport transfers, organized travel tours and excursions, Evadys is your perfect business partner.

It shares the same typical features of IVECO BUS buses and coaches: maximum care for passengers' comfort and safety, true simplification of driver's routine tasks and real optimization of bus operators' costs.

Evadys has just been added to the Crossway range and it completes the upscale segment of combined interurban/excursion coaches. It retains all the points of strength of the best-selling intercity range in Europe: outstanding versatility, proven reliability and optimized profitability.

Evadys is a perfect combination of a versatile and non-stop profitable vehicle.



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The Evadys at a glance

1 *OUTSTANDING VERSATILITY:*

- New tailored multi-purpose vehicle architecture
- Up to 12.3 m³ of luggage capacity: perfect for regional and national route service, airport transfers, organized travel tours and excursions

2 *PROVEN RELIABILITY:*

- Strong heritage and long lasting experience
- Tested in extreme road and climatic conditions: from -30°C to +50°C
- Exclusive HI-SCR technology avoiding regeneration

3 *OPTIMIZED PROFITABILITY:*

- Best-in-class TCO in its segment
- Low fuel consumption and long service intervals
- High residual value
- Optimized multi-use both working week and weekend

4 *MAXIMUM COMFORT AND SAFETY:*

- Highest level of comfort equipments in its category
- Advanced passive and active safety systems
- Low noise and vibration level thanks to Double Mass Flywheel and optimized Cx
- Transport people with reduced mobility including UFR







The effective optimized solution

Evadys is the perfect solution every time you need flexibility and maximum return of your investment, is ready to accomplish any mission: from the shuttle bus and tour operators' service, to the excursion or scheduled lines bus. The only model on the market with the DNA of Crossway and the experience of Magelys, Evadys is a real champion in terms of operating versatility – weekdays as well as weekends – more powerful, more comfortable and with more luggage space than an ordinary intercity coach, but more compact, more accessible, more lightweight and therefore more fuel-thrifty than a HD tourism coach, while offering heavier payload capacity. And thanks to the improved luggage compartment, you can take advantage of the full seat capacity of Evadys, since all passengers can get on board with their luggage safely and comfortably stored. This vehicle is ideally suited for routes truncated by many stops (less suitable for tourism coaches) but that are long enough to have to deliver performance and comfort.



Outstanding versatility

Heir of the most relevant models in transport vehicle industry, Evadys is the most multipurpose vehicle you should have in your fleet.

With its tailored multitask vehicle architecture, it is at ease as line mission with a lot of stops than touristic mission. Evadys doesn't only offer the highest level of comfort for passengers, but it also takes care of their luggages.

Thanks to the voluminous luggage compartment, you will never be in trouble with suitcases or bags of your customers. Luggage is not just volume, but mainly weight: that's why we have studied the best solutions in order to optimized it and avoid the space losses with up to 10.5 m³ of total luggage compartment volume with an added capacity of 1.8 m³ of inside luggage racks for a total capacity up to 12.3 m³, the equivalent of an average of 200 L of luggage volume by passenger that could be loaded.

Two lengths, three types of doors are available to meet different operating requirements: Single Middle Door when a central toilet is required, Double Middle Door to accommodate a wheelchair lift, and Single Rear Door to allow the maximum record luggage compartment as well as 15 different configurations are available to make Evadys the ideally versatile coach.

Different types of gearboxes available (manual, robotized and automatic) allow you to choose the optimum solution for your market and specific vehicle applications.



Proven reliability

In order to develop Evadys as the perfect bus for multitasking and versatile applications, we started from our unrivalled experience and proved reliability in the intercity vehicles family.

Repeatedly tested in extreme traffic and climatic conditions, from -30°C to $+50^{\circ}\text{C}$, with more than 120,000 km road and functional tests and the equivalent to 2,000,000 km on European roads as endurance tests, Evadys guarantees maximum performance, strength and dependability on all routes, together with a high level of travel comfort for passengers.

The vehicle, its structure and components are protected with cathophoretic anti-corrosion treatment, the most advanced and efficient industrial solution against corrosion. The solutions implemented for Evadys fit the standards of public transport through the choice of materials and technologies guaranteeing sustainability and long service life.

Exclusive IVECO HI-SCR solution helps avoiding the risks of high temperature when regeneration and provide the maximum safety for your passengers.



Optimized profitability

Reduced operation expenses, low fuel and fluid consumption, long service intervals and environmentally friendly qualities make Evadys a very effective solution whatever is its mission.

Inspired by tourism and intercity models, Evadys delivers its operators an excellent level of productivity.

Optimized multiuse of Evadys during both working days and weekends gives the maximum for the operators in terms of profitability.

High passengers capacity, total flexibility of missions and applications, and best-in-class in TCO make Evadys the perfect money maker with an excellent quality, performance and price positioning ratio.



Maximum comfort and safety

With clever mix of the DNA of our tourism and intercity range, Evadys provides a top level of comfort in its category and maximum safety for driver and passengers. Thermal comfort could be adapted thanks to a large choice of air conditioning and heating system. Double glazing windows and multilayers floor material are advantages to assure noise and thermal insulation.

One of the keys to a successful journey, perfect accessibility is one of the strengths of Evadys. The vehicle can in fact be set up for the transport of passengers with reduced mobility, with built-in Q'Straint for wheelchair guaranteeing maximum safety and optimal use of this space.

The width of the central aisle and the ergonomic design of the seats facilitate the movement within the passenger compartment.

With comfort and service in mind, Evadys could be equipped with the new hostess seat with folding backrest, spacious luggage racks, kitchen, video and Wi-Fi. The passengers could benefit of individual light and air diffusion, USB plugs and toilet.

Advanced Safety Systems

Brake control

It integrates functions:

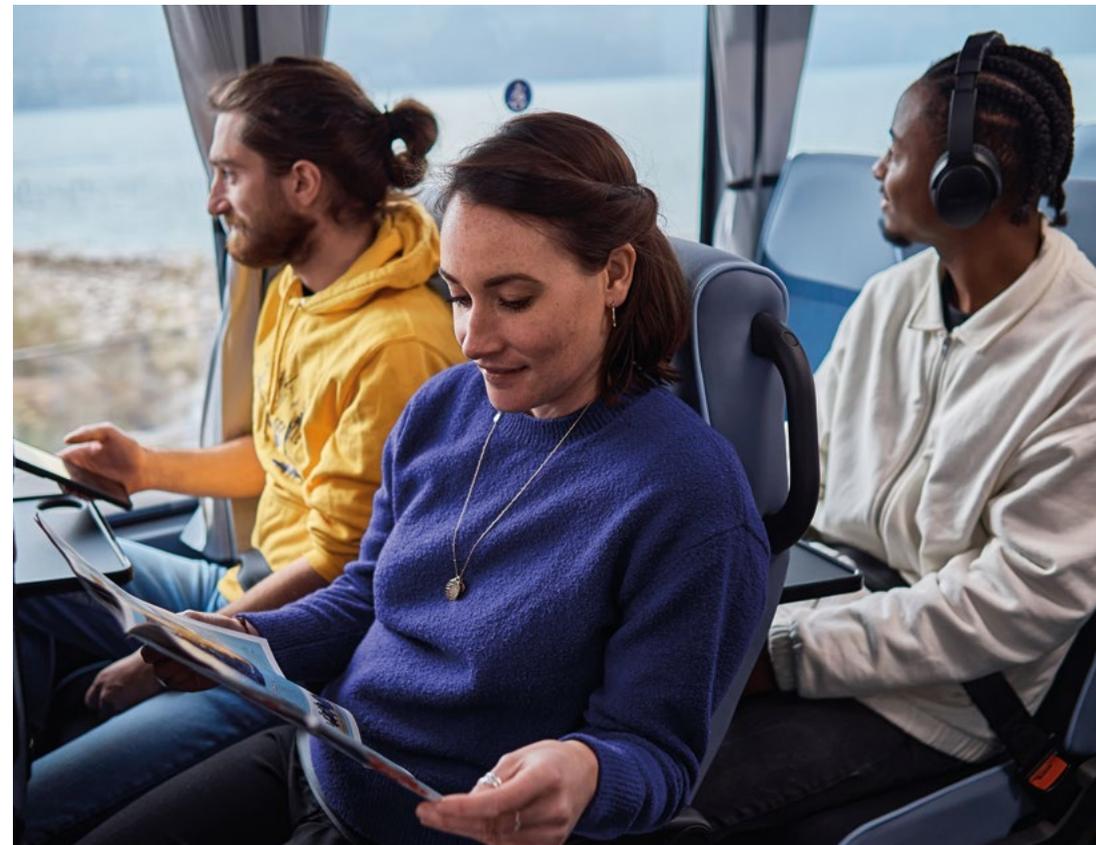
- EBS (Electronic Braking System)
- ASR (Anti Slip Regulation)
- ESP (Electronic Stability Program) / Lower risk of the loss of control of the vehicle

Active Safety Devices **Quicker response time and shorter braking distance**

- LDWS (Lane Departure Warning System) / Quicker response time and shorter braking distance
- AEB (Advanced Emergency Braking System)

Passive safety system

- Cataphoretic protection (robustness of the chassis)
- R66.02 (structure resistance in case of accident)



Evadys TCO: cost effective by design

Total Cost of Ownership (TCO) is an integral part of the development process. We are strongly committed to optimize all elements impacting on the Total Cost of Ownership during the whole life of Evadys: maintenance and repair costs, fuel and urea consumptions, better accessibility to components and spare parts. The result? A higher satisfaction of global savings and higher resale value for all of our customers.

Less service stops during operation of the vehicle (vs. Euro V):

- Engine oil change interval and all the operations for the ordinary maintenance and controls (+50%)
- Particle filter change interval (+300%)
- Hydrostatic filter change interval (+50%)

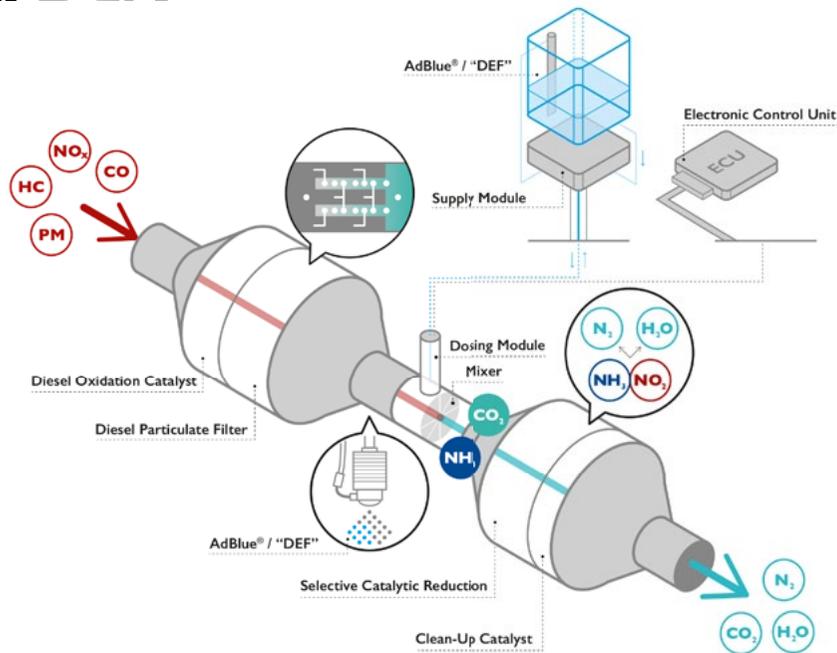
2-year parts & labor and 5-year rust-thru warranties

Integration of LED lighting:

5x longer life span, 70% less electrical consumption.



HI-SCR



High efficiency

Regeneration? No thanks!

Avoid all the risks of forced high-heat regeneration.

IVECO BUS is the first in the industry to offer the HI-SCR (Selective Catalytic Reduction) solution on its BUS & COACH range that meets Euro VI standards.

- The system, without EGR, does not affect the combustion process: the engine breathes only clean fresh air, not mixed with hot recirculated exhaust gas.
- The HI-SCR system does not even need to inject fuel into the exhaust to regenerate the particulate filter avoiding thus high exhaust gas temperature.

Compact and lean design, lowering total weight and allowing for easy installation.

IVECO HI-SCR benefits

- No EGR (Exhaust Gas Recirculation)
- No thermal shock to clean the DPF (Diesel Particulate Filter)
- No inhibitors switch on dashboard
- No driver intervention
- Longer maintenance intervals for reduced associated costs
- Greater efficiency and lower fuel consumption
- Simplicity and reliability

New rear axle

- Weight and noise reduction
- Higher resistance, durability and torque capacity

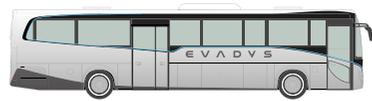
Manual, robotised and automatic gearbox

- New manual and automatic gearboxes
- Reduced noise
- 60% longer service life

The Evadys is high versatility itself

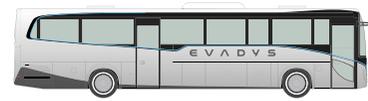
With 2 different lengths and 3 doors, it offers high passengers comfort with maximum capacity, luggage compartment volume increase with better access (room entrance 860 mm), height of floor corridor 1140 mm, 4 gearboxes available, new electric driver windows.





Double middle door

Ideal for line regional transport for medium and long distances with UFR accessibility



Single middle door

Ideal for touristic transport



Single rear door

Perfect as excursion buses of airport shuttles

Length	12.1 m	13 m	12.1 m	13 m	12.1 m	13 m
Floor height corridor / under seats	~1140 mm					
Internal height	~2000 mm					
Doors access height	344 mm					
Doors width	Front door – 800 mm / Middle door – 1200 mm		Front door – 800 mm / Middle door – 800 mm		Front door – 800 mm / Rear door – 800 mm	
Engine	Cursor 9,400 hp					
Gearbox	Manual, Robotized, Automatic					
Passenger seats capacity up to	55 (with podium)	61	53	59 *	55	63 *
Total luggage volume (including luggage racks) up to (m³)	8.2	10	9.7	11.6	11.8	12.3

* with Scoleo max seats

Seats

The different layouts of seats available have been studied to offer the best ratio between comfort and passenger capacity.

With 4 models in our seat range, you will be able to align at maximum the vehicle's definition to your mission and guarantee the pleasant trip for passengers with no compromise.



Seats availability



1 *LINEO FIX & LINEO TI*
 Intended for regular line transport, predominantly the peri-urban and intercity regional operation type of transport. The comfortable firm-back seat shape is an ideal ergonomic solution.

2 *SPACIO LINE & SPACIO COMFORT*
 Aesthetic, ergonomic and comfort. New Spacio seats have been designed to guarantee the maximum comfort to the passengers in every kind of trip.

SEAT AVAILABILITY

Versions	Lineo Fix	Lineo Ti	Spacio Line	Spacio Comfort
Evadys	•	•	•	•

Seats layout

DOUBLE MIDDLE DOOR

SINGLE MIDDLE DOOR

REAR DOOR

12 m



53 passenger seats (49 + 2 + 2)

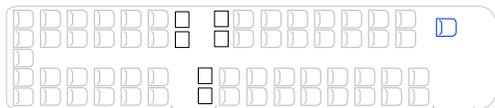


51 passenger seats + hostess + WC + kitchen



53 passenger seats + hostess

13 m



61 (55 + 4 + 2) passenger seats



55 passenger seats + hostess



57 passenger seats + hostess

* For other possible layouts please see our sales representatives.

Passenger seats
 Driver seat
 Folding seats
 Hostess seat

Connectivity intelligence and customized services for public transport

Take control of your fleet

To ensure its customers get the best, IVECO BUS has developed several tailor-made instruments to keep vehicles running smoothly.

Our Intellibus service is the essential ally for your fleet. This service is a turnkey tool for real-time data collection with online storage, significantly benefiting your daily maintenance and operations.

With Intellibus, Evadys is ready to embrace the next connectivity challenges.

MEMBER OF



www.itxpt.org

IVECO BUS is one of the founding members of the ITxPT association

that today includes more than 100 Public Transport players, from Authorities and Operators to suppliers and OEMs.

Enhanced customisation

- Toilet
- Kitchen
- Disabled access lift
- Pantograph luggage doors
- Hostess seat with folding backrest
- Road camera
- Hostess camera
- Wi-Fi
- Multisets with USB
- Driver luggage cup and fridge
- Electric driver window
- Built-in drivers compartment under aisle
- Built-in Q'Straint for wheelchair
- ACC
- Monitor 19"
- Telematics



Quality.

Top quality control

Quality control in the Vysoké Mýto factory is among the most demanding worldwide

The entire production process is managed using the WCM programme (World Class Manufacturing), derived from and based on Japanese car making experience and procedures. The essential principle of this system is simple but strict: defective products must be detected directly in the workplace where the error occurred and each failure must be corrected immediately. The main goal is to create a process where no defective spare parts can be produced. This is why we keep introducing new production procedures and improving our tried and tested methods.



We also use 2D and 3D laser centres, welding robots, and giant mobile and stationary 3D scanners to control the dimensions of the whole frames precisely. Our unique painting shop ensures a high lifespan for vehicle bodies. It uses cataphoresis, working on the electro-chemical galvanisation principle. For this purpose, we use a single 300 m³ capacity cataphoresis tank. The final paint is made in fully robotised painting boxes.

But all of this would mean little without a flawless assembly. The process is controlled centrally and the operation of all important instruments is monitored online by the controlling server via Wi-Fi. If an anomaly is discovered, an order is given to remedy the flaw in real time. The production process for each vehicle concludes with a series of so-called diagnostic tests.

All vehicles are tested on the road before dispatch and delivery to the client.



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



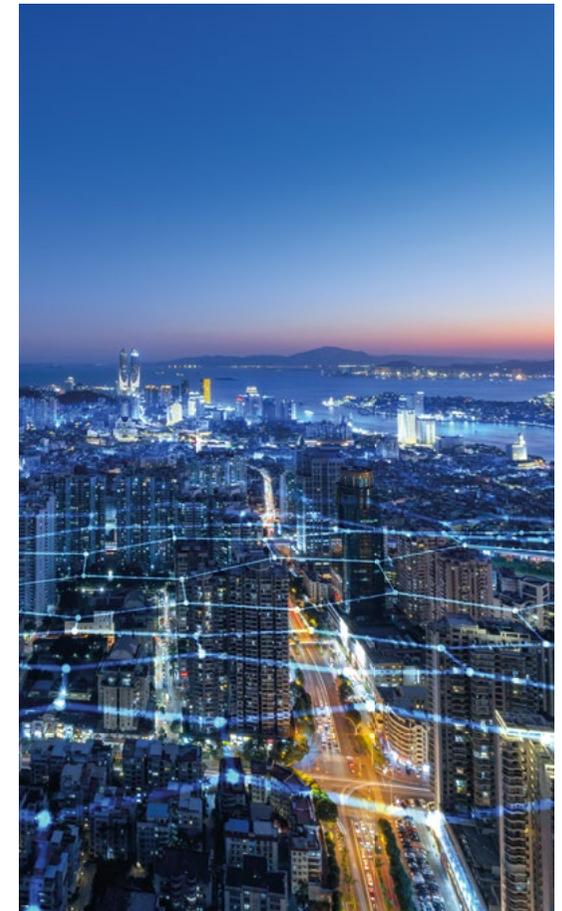
Control Room Reports

- 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.

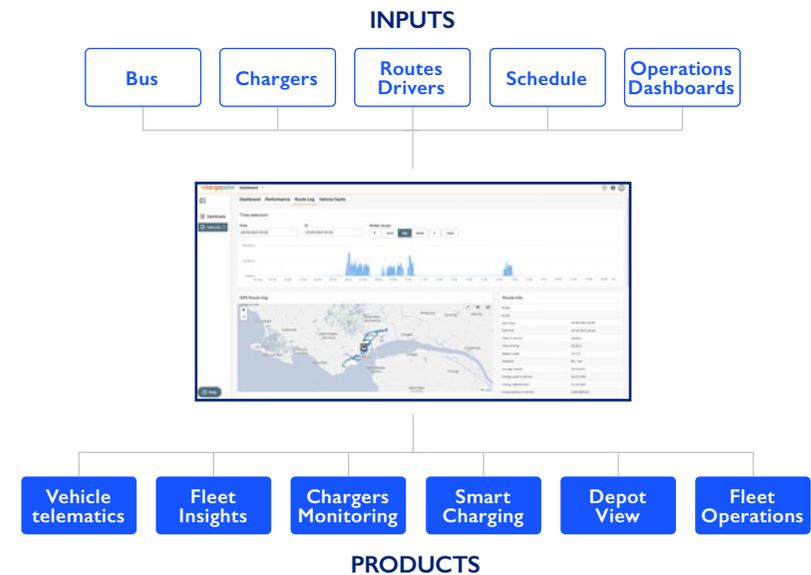
TiGR Web API

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 – and you are able to work with full peace of mind.



ELEMENTS: customised service packages

With the aim of offering you the best of everything, IVECO BUS has created ELEMENTS: a wide range of tailored service packages, designed to keep your vehicle on the road with minimal interruptions for maintenance and repairs.

Tailor-made service

ELEMENTS is a specialised high-quality service that aims to ensure a long life for every vehicle in all sectors. Combine the “Elements” that best fit your needs in order to create your own tailor-made service package! 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
0080048326000
Assistance Non-Stop



IVECO ASSISTANCE NON-STOP means 24 hours a day, 7 days a week assistance on the phone to keep your Evadys 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, 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*. All financial packs can be tailored to the Customer's needs, and apply to new, used vehicles and conversions. For more information, please contact your IVECO Dealer.

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



IVECO
BUS

Genuine Parts
HIGH PERFORMANCE

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



OK BUS
PRE-OWNED BUSES CERTIFIED BY IVECO

OK BUS is the IVECO BUS certification label, guaranteeing quality and excellence to customers wishing to buy a safe, reliable and warranted pre-owned bus. The OK BUS European team has six centres across four countries: France (Mitry-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**

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PUBLICATION EVADYS_EN 10/22

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