

# MAGELYS TRAVEL INTO NEW EMOTIONS



**IVECO**  
**BUS**

Your partner for sustainable transport





# MAGELYS

**Designed for national and international lines, tourist transport, shuttle services and vip clubs transfers, Magelys is a new coach that endorses the spirit of travelling everywhere in the most comfortable and safest way.**

Based on the success of its predecessor Magelys Pro, Magelys transforms every trip into an unforgettable pleasant experience by means of its High Value contents:

- ⊕ High comfort for both driver and passengers, through spacious interiors bathed in light, and on-board entertainment system
- ⊕ Premium characteristics selected in a competitive package
- ⊕ Innovative style and design, together with new lighting and integration of LED lighting

Magelys is offered in two lengths: 12.2 m and 12.8 m (the latter also available with a ramp and a dedicated space for disabled persons).

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# MAGELYS

Thanks to its advanced technologies, combining elegance, modernity and practicality, Magelys was awarded the "International Coach of the Year 2016". The quality of its equipment, low maintenance requirements, fuel saving HI-SCR technology and optimum price-to-quality ratio also contributed to this outstanding achievement.

Improve the quality of life and travel of your passengers. Welcome them on board of Magelys: the Coach of the Year 2016.



## HIGH COMFORT

NEW HVAC SYSTEM  
TAILORED SOLUTIONS

## DESIGN

NEW LIGHTING WITH  
LED INTEGRATION

## SAFETY

ADVANCED ACTIVE AND PASSIVE  
SAFETY DEVICES LDWS AND ACC

## EFFICIENCY

HI-SCR  
VERSATILE DRIVELINE

# HIGH COMFORT

## HIGH QUALITY OF LIVING

The high standard of on-board living and travelling of the new Magelys is granted by a combination of features and technologies, all devoted to maximum passengers comfort, such as:

- + Unique roof construction, with large glass roof arches to offer a wide panoramic view
- + Optimized thermal comfort with AC and climate control
- + Customized interior design
- + On-board services and devices for on-the-go entertainment

The new Magelys offers customers the possibility to reduce the layout to just 30 premium seats, comparable to the best armchairs for vip clubs transfers.

The wide range of tailored solutions easily satisfy any passenger need in terms of comfort, relax and pleasure of travelling.

New technologies, such as Wi-Fi network, USB outlets and electrical plugs-in, are available to be connected with the rest of the world.





## DESIGN

### INNOVATIVE STYLE AND DESIGN

- ⊕ Unique roof construction, with large glass roof arches to offer a wide panoramic view
- ⊕ Integration of LED lighting: 5 x longer life span, 70% less electrical consumption
- ⊕ Practical design for easy access and maintenance  
(same front and rear lights on all Euro VI vehicles)

With its majestic appearance, Magelys will draw your attention thanks to its external design and aerodynamics that allow to combine perfect lines and reduction of fuel consumption.

### 3 VERSIONS BORN TO FLY!

#### DIFFERENT DESIGN FOR DIFFERENT MISSIONS

Magelys can easily satisfy all customer needs in every passenger transport mission, thanks to its variety of available versions:

#### MAGELYS LINE

- + Line mission, regional, national and international lines
- + 12.20 m and 12.80 m length, LED lighting, aisle roof windows, standard passenger seats
- + Integrated climatisation, convector heating, radar for rear move
- + Disable lift, toilets with high capacity of water tanks, capacity of diesel tank up to 640L

#### MAGELYS PRO

- + Tourism mission
- + Magelys Line + toilets, medium range passenger seats
- + Two 19" LCD screens, hostess seat and microphone, lateral driver console, leather-looking steering wheel

#### MAGELYS LOUNGE

- + Grand tourism mission
- + Magelys Pro + central roof windows, high-end leather passenger seats
- + Hostess box, coffee machine, USB plug, Wi-Fi, GPS, 220V plug
- + AS Tronic gearbox, vacuum cleaner, hostess camera, road camera



This picture has been taken at DOMAINE DU CHÂTEAU DE PIERRECLOS - 71960 PIERRECLOS - Bourgogne (FR)





## SAFETY

### SAFETY ABOVE ALL

Safety comes first and Magelys stands out through the application of advanced systems:

- + AEBS – Advanced Emergency Braking System
- + LDWS – Lane Departure Warning System
- + ACC – Adaptive Cruise Control
- + ESP – Electronic Stability Program
- + EBS – Electronic Braking System
- + ASR – Acceleration Slip Regulation

Safety systems AEBS and LDWS minimize accident risk deriving from driver's errors, distractions, drowsiness.

### Advanced Emergency Braking System

The system measures the distance and calculates potential time of collision with the vehicle in front of itself. In case of imminent collision, AEBS addresses a warning to the driver and activates the brakes autonomously if the impact is inevitable.



### Lane Departure Warning System

A warn is addressing when the vehicle starts to move out of its line without the turn signal.

### Adaptative Cruise Control

ACC system assists the driver who can set the speed vehicle at a specific value. Radar sensors measure distance between the ahead vehicle and transfers the input of slowing down when it is necessary. When the ahead vehicle distance reduces, Magelys slows down autonomously.

### Electronic Stability Program

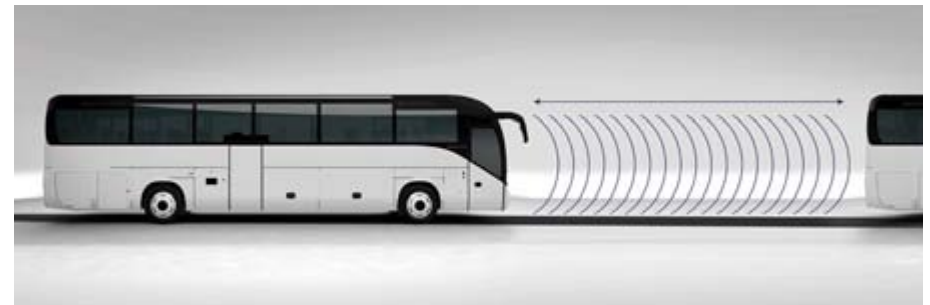
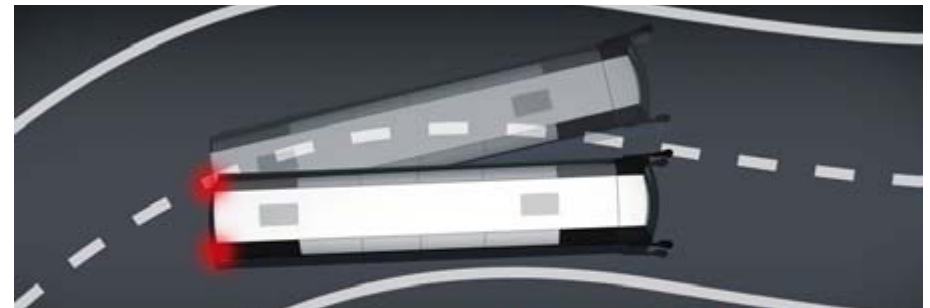
ESP allows the driver to prevent the skidding of the vehicle and reduce the risk of lateral impact. It intervenes automatically to assist the driver in maintaining directional control of the vehicle, when encountering slippery road conditions or taking an evasive action. It assists the driver in reducing the risk of rollover while in a curve.

### Electronic Braking System

EBS improves stopping distance, braking system performance, stability of the vehicle and driver control.

### Acceleration Slip Regulation

ASR, also named Automatic Traction Control, optimizes the traction and adherence thanks to a control of the engine torque and braking force for each drive wheel.



# EFFICIENCY

## REGENERATION? NO THANKS!

The unique technology patented by FPT Industrial, HI-SCR, converts exhaust gases and reaches Euro VI emission levels, without EGR. Magelys therefore offers significant benefits:

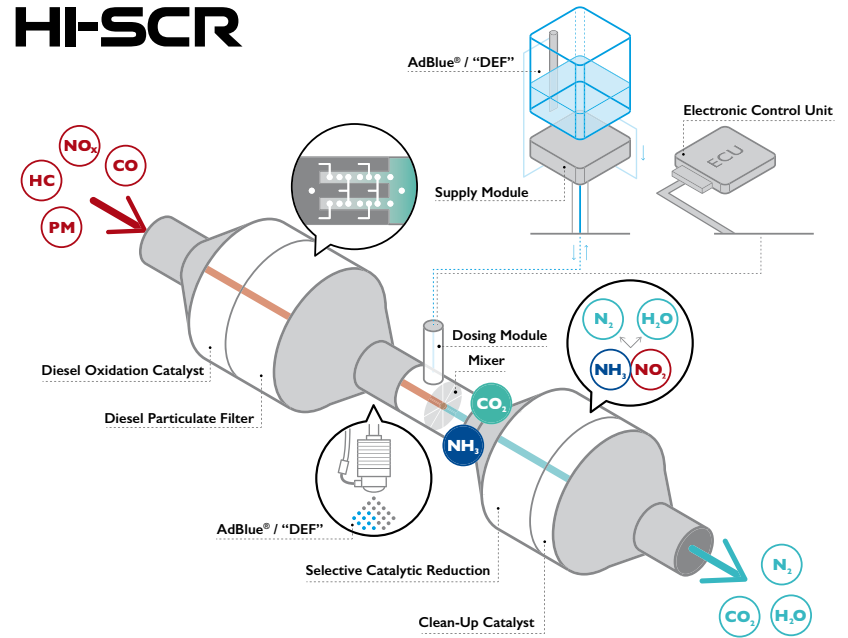
- + Compact and lower weight (one NOx treatment system instead of two)
- + Optimised combustion (engine efficiency combined with lower consumption)
- + Fewer particles (passive regeneration particle filter, reduced maintenance)
- + No additional cooling required (less energy to dissipate, engine temperature is controlled without intruding in the passenger space)

This remarkable technology has successfully completed the most severe tests conducted in the most extreme conditions, from the north of Finland to the south of Spain. Proven through the use of 23 endurance vehicles, covering over 2.5 million km, on both harsh test tracks and streets in several European urban networks.

## CURSOR 9 – HIGH PERFORMANCE

Magelys has 400 horsepower with a variable geometry turbocharger for enhanced performance.

## HI-SCR



# CUSTOMISATION

## NUMEROUS OPTIONS FOR YOUR COACH

- + Toilets
- + Disabled access lift
- + Pantograph luggage doors
- + Driver's berth
- + Xenon lighting
- + Coffee machine
- + Hostess camera
- + Plugs & USB
- + Wi-Fi
- + GPS



Wi-Fi



USB Ports



G.P.S.

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