

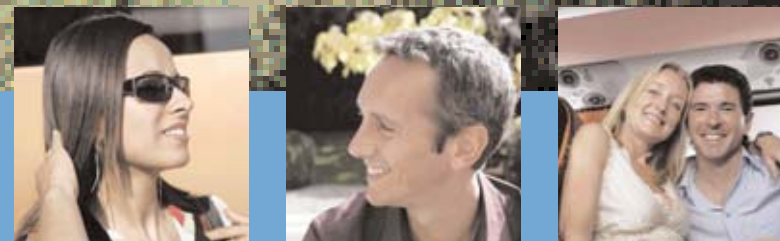
EVADYS



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EVADYS



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EVADYS THE ROAD TO DISCOVERY



As one of the major world players in the public transport sector, Irisbus Iveco's primary concern is to improve the quality of life of its passengers by making their journeys safer, more comfortable and more enjoyable. At the same time, Irisbus Iveco is committed to simplifying the routine tasks of drivers, while offering optimised profitability to vehicle operators. These objectives shape the company's vision for sustainable development, environmental protection and individual rights. As a place for social interaction, the coaches and buses of the Irisbus range fully present the company's fundamental values of humanism, responsiveness, creativity, partnership and enthusiasm.

A new dawn for tourism

The arrival of Evadys H and Evadys HD opens a new perspective on the world of tourism. Versatile by nature, Evadys H shows the extent of its talents by being equally at home on line services and short tourism excursions. Evadys HD, on the other hand, prefers the demanding world of tourism. These two coaches, available in 12 and 12.80 metre versions, nonetheless share the characteristic features of all Irisbus coaches: quality of design, modern style, high levels of interior comfort, performance, fuel efficiency, and not forgetting, of course, outstanding reliability.

Evadys H and Evadys HD: the future is bright!



PULLING POWER



Natural fluidity

With their distinguished, subtly elegant outline, softened curves and clean, sleek side walls and large windows, everything about Evadys H and Evadys HD speaks of harmony and fluidity. With their irresistible pulling power, these ultra-modern coaches stand out from the crowd thanks to their smiling, expressive front faces, and masterfully simple rear walls, both the hallmark of Irisbus.

The conquering of space

Thanks to the generous dimensions, optimised interior headroom, clever equipment layout and large windows offering both great visibility and plenty of light, passengers on Evadys H and Evadys HD enjoy a feeling of endless, unrestricted space on board.



- 1 - Elegant, flowing lines.
- 2 - The rear view mirror combining functionality and style.
- 3 - Style born of practicality.
- 4 - Purity in motion.

A VERY WELCOMING NATURE



1

Big ideas where accessibility is concerned

Perfect accessibility is one of the keys to a successful journey, and here again, Evadys H and Evadys HD show that they measure up perfectly for the job. On the front and centre doors, the optimised balance between the height, depth and width of the entry steps offers the easiest possible access. The fact that those steps are covered in a non-slip material is the icing on the cake. In addition, the width of the corridor and the ergonomic design of the seating also assist movement within the compartment.



2



3

Safety, with a capital S

Evadys H and Evadys HD will not compromise on safety. All passengers in exposed seats therefore have three-point safety belts at their disposal, while the remaining seats are fitted with two-point lap belts (three-point belts throughout are available as an option). In terms of active safety, Evadys H and Evadys HD are fitted with a performing and effective braking system, which incorporates ABS, ASR anti-skid, EBS (including the emergency brake) and ESP electronic stabilisation protection. Of course, like all vehicles of the Irisbus coach range, Evadys H and Evadys HD were designed to comply with the strictest European directives on safety: the R66 rollover test, the accident prevention test and seat anchorage.

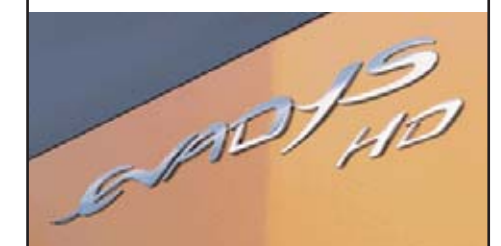


4



5

- 1 - A welcoming, friendly interior.
- 2 - Video screen and drinks dispenser: relaxation and wellbeing.
- 3 - Generously sized transverse luggage holds.
- 4 - Perfect accessibility.
- 5 - Ease of access through the forward door.



COMFORT MATTERS



Are you sitting comfortably?

Evadys H and Evadys HD are supplied with functional, attractive, "Spacio" and "Senso" seats. These two seat types, the result of a complete ergonomic rethink, come with a grab handle in the seatback to facilitate movement within the coach. Available in two versions, fixed or reclining, they can be personalised with covers of different colours and fabrics, and with different foam pads depending on the expected use of the vehicle (short trips or long journeys). Finally, a rail along the corridor edge allows these seats to be fixed or removed easily and quickly, without compromising on the safety of the anchorage.



The outlook is warm

In order that nothing spoils the feeling of wellbeing on board, Evadys H and Evadys HD are fitted with independent programmable heating as standard. They can also be equipped with climate control and a system that reverses the air conditioning to provide rapid heating and demisting.

A smoother path

The equipment in Evadys H and Evadys HD was designed to make every journey a success. The floor carpet, side wall and roof coverings benefit from a new range of colour schemes. The uprights and handrails have been redesigned, as have the baggage racks, which are now among the largest on the market. Still with comfort in mind, Evadys H and Evadys HD come with a refrigerator in the hostess' station and a wc cubicle, and as an option, a drinks dispenser built in to the space above the wc cubicle.

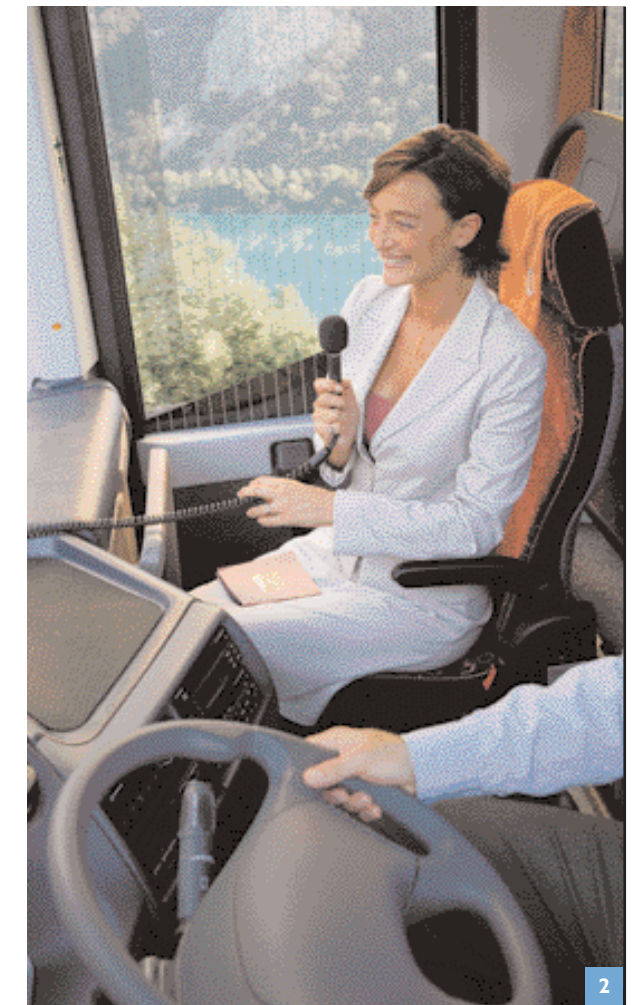


- 1 - Spacious, bright, passenger compartment.
- 2 - "Spacio" seats with grab handles.
- 3 - Easily accessible WC cubicle.
- 4 - Individual reading light and air jet.



Ergonomics first

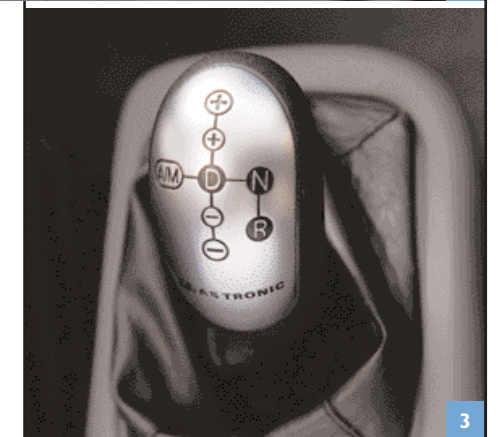
With its new dashboard, its modular instrument panel that can be matched to the vehicle's operating mission, its ergonomic steering wheel incorporating the controls for the radio and on-board computer, and not forgetting the perfectly integrated GPS system (optional), the driver's position in Evadys H and Evadys HD is a model of efficiency understood. The highly advanced parameter display screen is operated by switches on the steering wheel, and with the on-board computer and the distribution of functions into three distinct zones on the dashboard, the driver has instant access to the information he needs, without taking his eyes off the road. He is similarly alerted immediately to any malfunction. And in keeping with ergonomic demands, different adjustments ensure that the driver's compartment is always suited to his size and shape: adjustment of the air suspension seat both vertically and horizontally; adjustment of the steering wheel; and adjustment of the steering column which is equipped with cruise control.



The useful and the nice to have

For the driver's comfort, the gear lever on Evadys H and Evadys HD is pneumatically assisted*. He also has a wide-angle rear view mirror as standard, additional storage in the side console, a large closable baggage rack, air jets (heating and cooling) integrated into the instrument panel, an exterior temperature gauge and an electric front sun visor. A refrigerator built into the dashboard is also available.

* Automated gearbox available as an option on Evadys HD. Automated or automatic gearbox available as an option on Evadys H.



- 1 - Refrigerator built in to the dashboard.
- 2 - Functional hostess station.
- 3 - Automated gearbox.
- 4 - Lockable driver's / hostess' storage box.

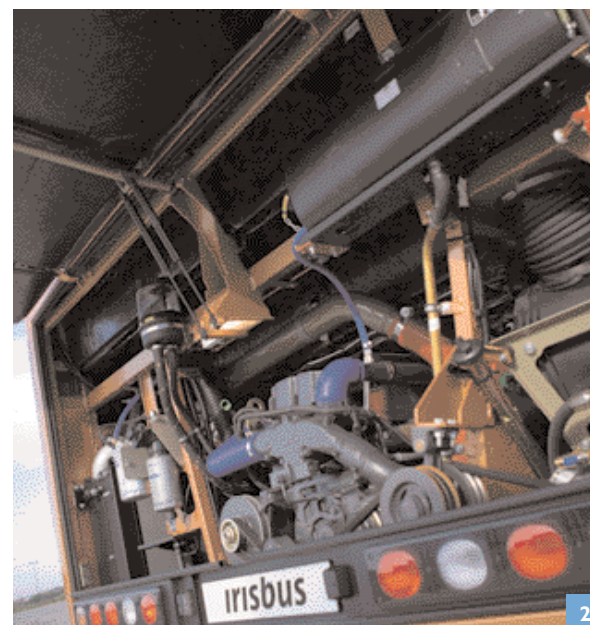
THE HEYDAY OF NEW TECHNOLOGY



1

Economic power

Evadys HD is fitted with a new generation Cursor 10 engine offering increased power and torque, and available in two power ratings, 380 hp (280 kW) and 450 hp (330 kW). Evadys H is fitted with the 380 hp (280 kW) Cursor 8 engine. These engines, which have a very favourable performance-to-fuel consumption ratio, are synonymous with economy and lower operating costs. Another point in their favour is that, like all the other engines in the Irisbus range, the Cursor 8 and Cursor 10 are vertically mounted for ease of access to the powertrain assembly. For even greater environmental protection and reduced emissions, Cursor engines use the SCR system for after-treatment of exhaust gases. Finally, well in advance of the introduction of Euro 5 regulations in 2009, these engines can, as an option, be made Euro 5 compliant, and can similarly be made to meet EEV levels.



2

A concentration of technical know-how

Only components whose reliability has been proven by use on other vehicles in the Irisbus range are fitted to Evadys H and Evadys HD. In addition, however, these coaches benefit from the latest technological advances, such as multiplexing of the major components and incident warning signals on the display unit.



3

Easy maintenance

The batteries, heating, fuse boxes and the entire powertrain assembly on Evadys H and HD were designed for optimal accessibility. The wheel arches can be removed very quickly for regular maintenance operations. Other examples of this desire for simpler, faster maintenance operations are the logical layout of the electrical equipment and the standardisation of spare parts.



4

SCR system

The SCR system for the after-treatment of exhaust gases helps to optimise operating costs, extends oil change intervals and increases the operating life of the vehicle.

Euro 5

When this directive comes into force in 2009, emissions of nitrogen oxide (NOx) will be practically halved compared to those under Euro 4.

EEV

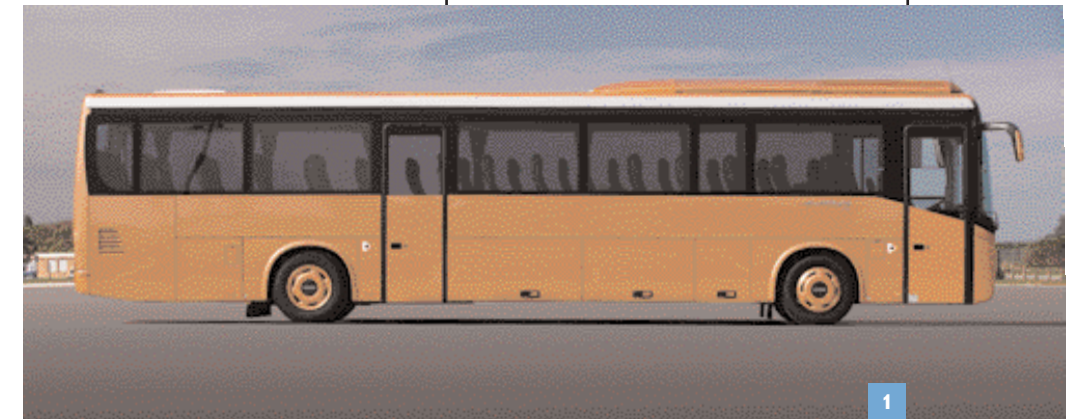
The EEV (Enhanced Environmentally-Friendly Vehicle) level limits particulate emissions to half the level stipulated by the Euro 5 directive. This result is made possible by combining the effects of AdBlue injection with a particle filter.



5

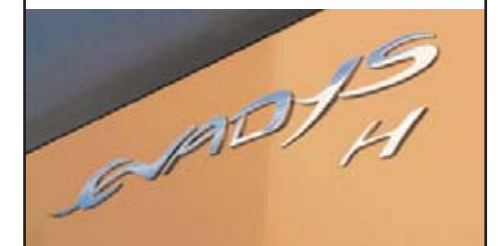
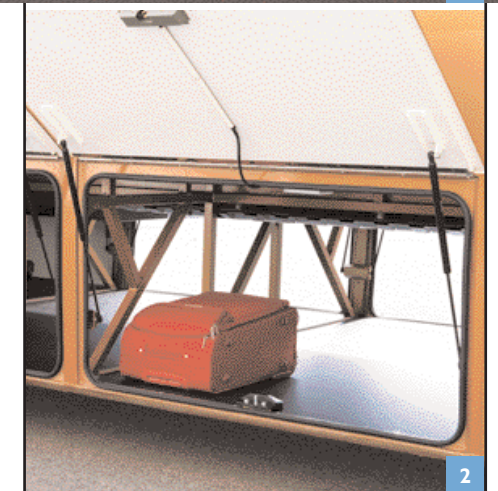
- 1 - A work space designed for performance.
- 2 - Cursor engines: performance, fuel efficiency and respect for the environment.
- 3 - Cruise control.
- 4 - Easy maintenance.
- 5 - AdBlue reservoir filling point.

THE ROAD TO VERSATILITY



A very adaptable nature

Regardless of the operating mode - regional line service, mixed mission or national tourism - Evadys H shows itself to be nothing if not highly adaptable. Of course, its close family ties to Evadys HD help explain why they share so many common traits: the exacting design standards, the ergonomic driver's position, the attention to detail on the interior trim, not to mention the overriding feeling of wellbeing on board. Where it differs from Evadys HD, however, is in the engine type, the different interior headroom and luggage compartment volumes, and the equipment offered as standard or as options. The choice of a raise/lower platform to facilitate access by wheelchair users is a natural extension of Irisbus Iveco's desire to welcome all passengers in the best possible conditions.



- 1 - Evadys H: the road to Versatility.
- 2 - Large capacity luggage holds.
- 3 - The great escape.

EVADYS A GLITTERING LINE UP



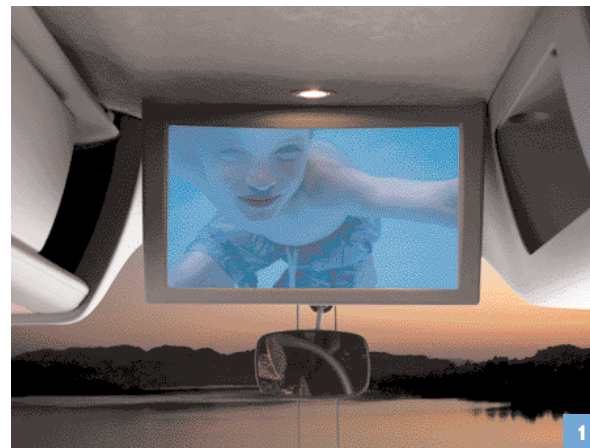
Technical characteristics Evadys H / Evadys HD

Length	12 m	12.80 m
Width	2.55 m	2.55 m
Number of places seated *		
Evadys H / HD	59	63
Luggage rack volume		
Evadys H / HD	2.4 m ³	2.6 m ³
Luggage hold volume		
Evadys H	8.1 m ³	8.3 m ³
Evadys HD	9.5 m ³	11.3 m ³
Engines		
Evadys H		Cursor 8, 380 hp
Evadys HD		Cursor 10, 380 hp or 450 hp

* depending on national legislation in force.

An embarrassment of choices

Available in two lengths, 12 or 12.80 metres, with single doors at the front and centre, and with a carrying capacity of up to 63 seated passengers (depending on the vehicle length and national legislation), Evadys H and Evadys HD Line even offer a choice of different powertrains. In addition, the use of a range of technical components and standardised major mechanical parts are the best guarantee of cost-effective operation and enduring reliability.



H 12 m



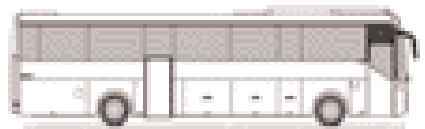
HD 12 m



H 12,80 m



HD 12,80 m

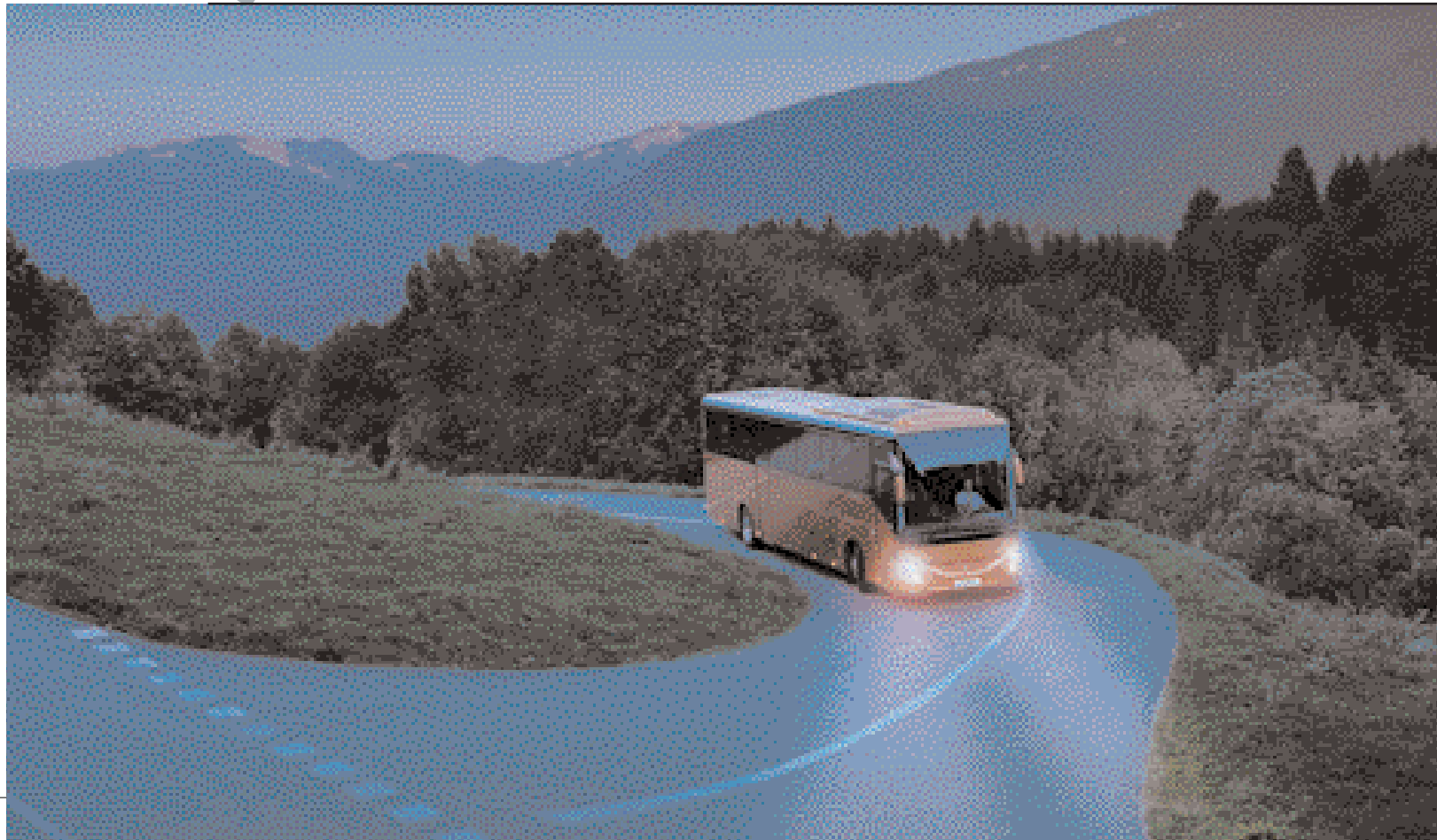


1 - LCD video screen.

2 - Passenger information screen.



QUALITY PROGRAMMED IN



Tried and tested

Every technological resource available was used in the design of the new Evadys H and Evadys HD coaches. Their structure was therefore defined using computer-aided modelling techniques and simulators, followed by a series of rigorous on-road tests, in order to guarantee strength and reliability on all routes, even under the most difficult operating conditions.



High tech manufacturing

The specifications governing the manufacture of Evadys H and Evadys HD coaches rightly demand a highly effective anticorrosion treatment. All parts of the steel-iron-zinc structure are subjected to a cathodic deposition treatment followed by full cathoretic immersion and wax sealant injections into the seams and box sections. In addition, these coaches benefit from large-scale component technology, rigid structure assembly and composite material technology, all of which stamp Evadys H and Evadys HD indelibly with the mark of quality.



1 - Parameter display screen and on-board computer.

2 - Uncompromising in matters of quality, the coaches and buses of the Irisbus range also enjoy the support of a full After-Sales service, which calls upon the technical expertise of qualified, readily available, professionals.