

ALL NEW  ALL STARS

# CITIMARK



IDEAL SOLUTIONS FOR PUBLIC TRANSPORTATION



**ISUZU**

# IDEAL SOLUTIONS FOR PUBLIC TRANSPORTATION

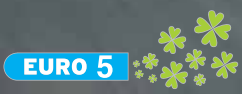


# A SMART OPTION FOR INNER-CITY TRANSPORTATION

Anadolu Isuzu's new 9 meter bus, Isuzu Citimark, is basically designed to meet the requirements of historical metropolises with narrow streets, and for those smaller municipalities which have to serve in several routes including urban areas with lower populations. Today, on the other hand, most of the larger municipalities also begin to opt for smaller buses as an economical solution for their regular service routes.

Increasing complexity of public transportation networks in modern cities arises the need for more economical transportation investments all around the world. Connecting various ways of transportation inside the city in the most economical way possible, is one of the main tasks of today's municipalities. Compared to longer buses, Isuzu Citimark offers the most ideal solution to contemporary requirements of modern cities, with exceptionally lower investment and operational costs, higher levels of agility and maneuverability, and with optimum passenger capacity.

Citimark is powered by Euro 5 (EEV) Isuzu engine which produces 204 HP power at 2600 rpm and provides a passenger capacity up to 72 people. Citimark is offered in two versions in the European markets, one with air suspension only on the rear axle and the other with air suspensions on both axles. While a wheelchair lift is available on the former, a wheelchair ramp is equipped on the latter.



CITIMARK



Isuzu Citimark's ergonomic dashboard and air actuated, adjustable driver's seat provides a high level of comfort to the one at the wheel. Tilt and telescopic steering wheel, easy-to-reach switches and a handy control panel help the driver to control a 9 meter bus quite easily with minimum effort. Wide windscreen and exterior mirrors provide a perfect view to the driver and complement the high level of agility and maneuverability of the vehicle.

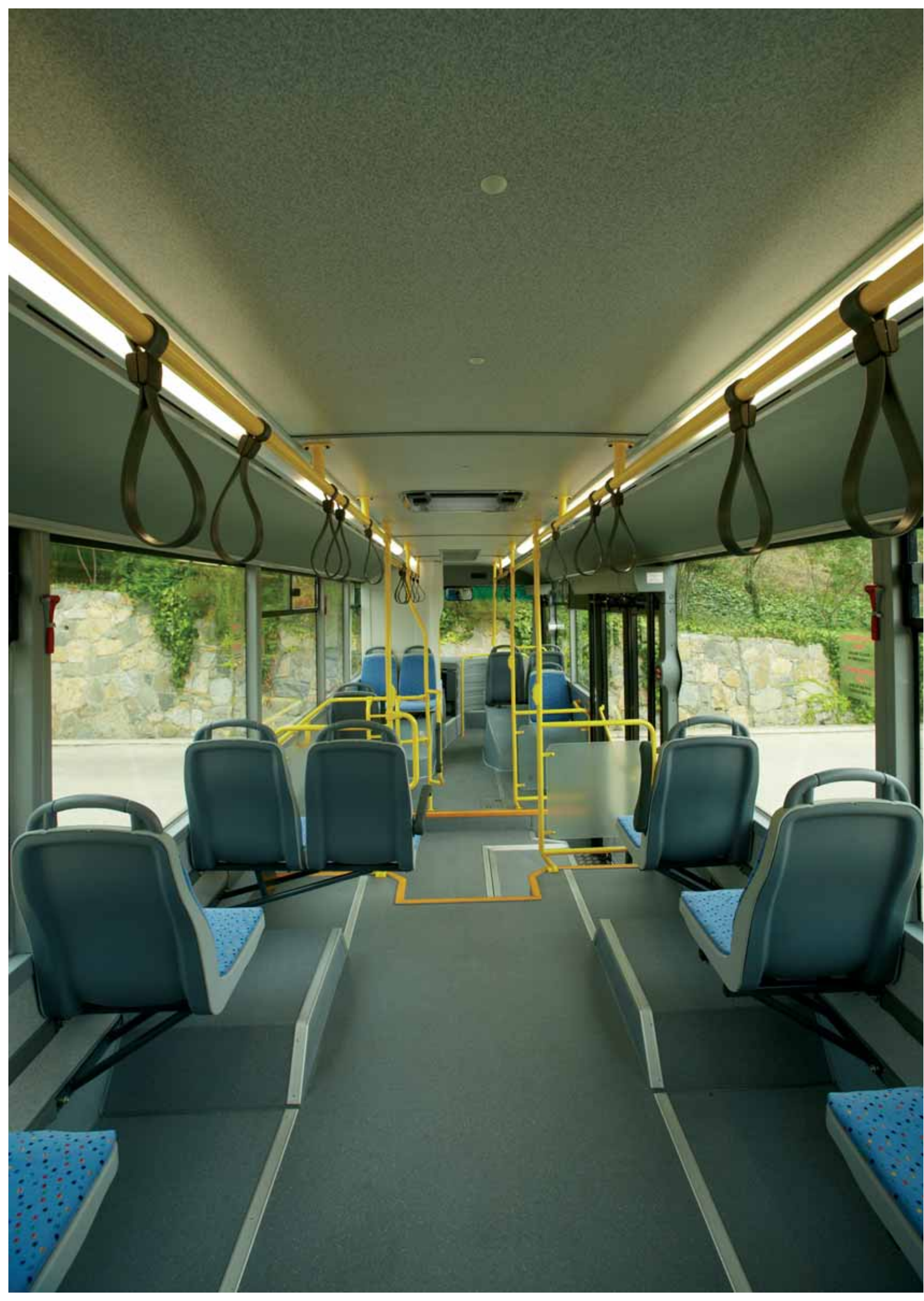


The driver's cabin is separated from the passenger's compartment by a panel behind the driver's seat and makes the driver isolated from outer conditions that may cause the loss of concentration during the drive. The drivers may choose to add an optional half-door and turn the driver's seat into a semi-closed driver's cabin.



Isuzu Citimark's interior is designed to provide the maximum comfort that passengers will need during a short trip. Wide windows ensure a luminous passenger compartment during the daytime and creates a commodious atmosphere inside, by complementing the spacious interior design. Sliding passenger windows provide an additional alternative to turbo ventilation and the air conditioning system for flow of fresh air inside the bus. The bus is well illuminated for the night ride with the continuous lightening on ceiling.



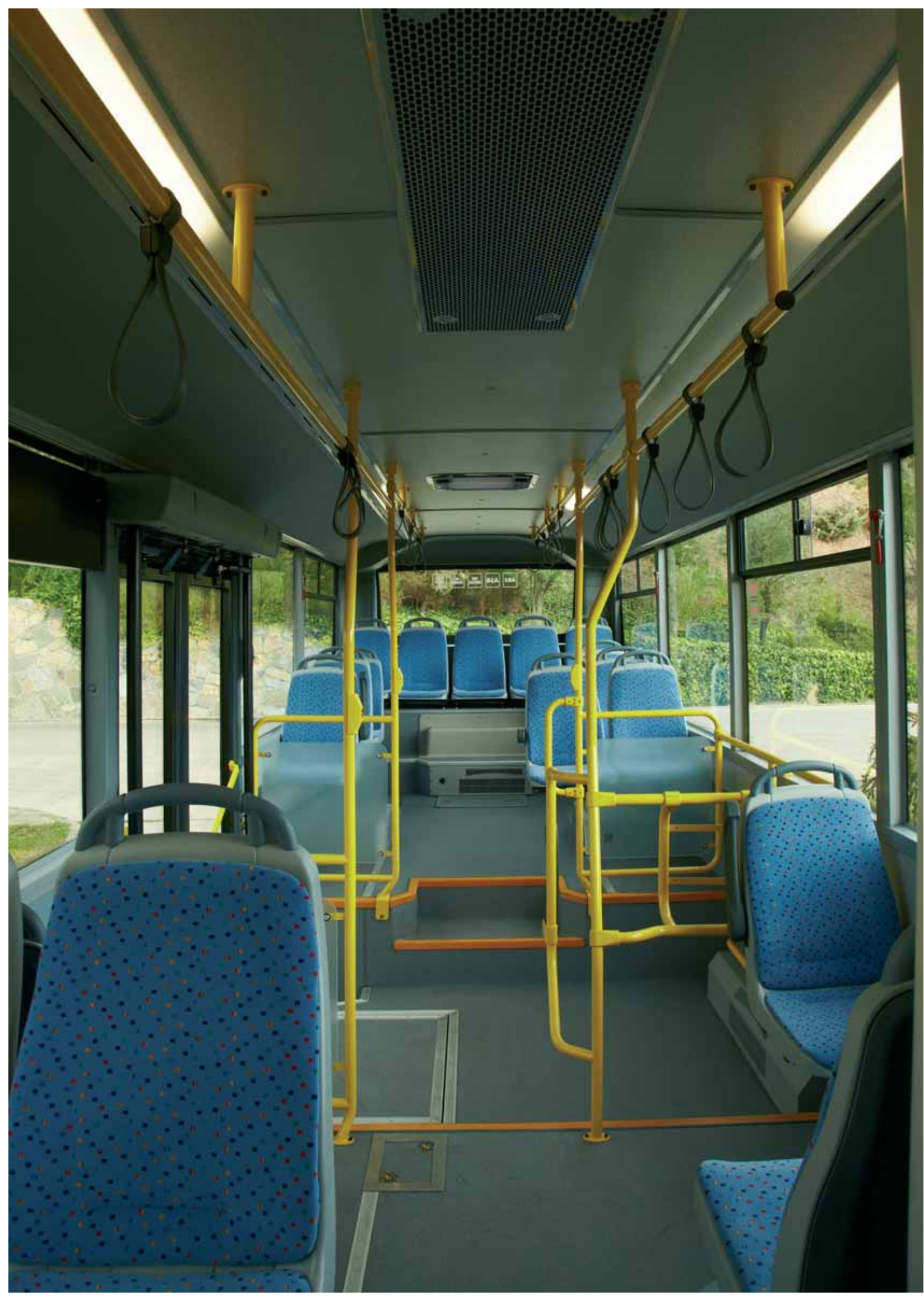




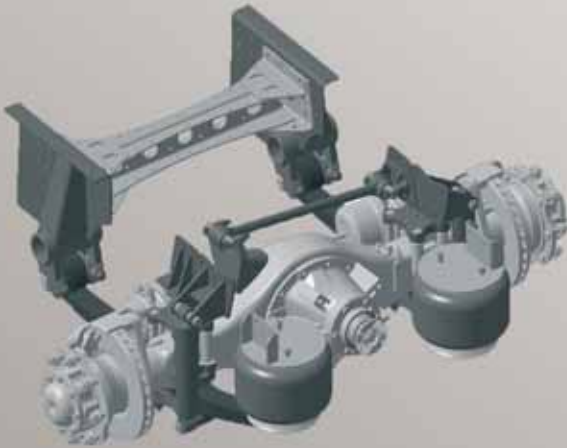
Isuzu Citimark's doors and spacious aisle are designed to significantly enhance the vehicle's accessibility. The front door is one-wing inward swing type, which provides easy access to the vehicle for passengers. The rear door is much wider and two-wing inward swing type. The wider threshold not only provides easy entry and exit for the passengers, but also makes a wheelchair ramp or lift (depends on the Citimark version) available for Isuzu Citimark. The ECAS (Electrically Controlled Air Suspension) system enables the bus to kneel down while using the wheelchair ramp and makes the entry more comfortable for the users. The compartment in the middle of the bus has a special design to serve passengers traveling on a wheelchair.







# THE MAGIC BUS TAKES YOU HOME SAFELY



Isuzu Citimark's dual circuit full air brake system is supported by ABS (Anti-locking Brake System) and ASR (Anti Slip Regulation) traction systems. Brake system is further improved by the disc brakes on both axles. Disc brakes increase driver's comfort, shorten the braking effect time and make braking at higher speeds much safer.

The air suspension on the rear axle increases vehicle's stability significantly and makes the journey both safer and more comfortable for the passengers. The comfort doubles in the other model version, in which air suspensions are used on both axles.

Citimark is also well protected against burglary. Immobilizer, an electronic device, which is fitted to the vehicle and which prevents the engine from running unless the correct key is present, is offered as standard equipment. Moreover fuel tank cap locker is a standard equipment of the bus.



# THE MAGIC BUS: SMART, ECONOMICAL, AGILE AND DURABLE...



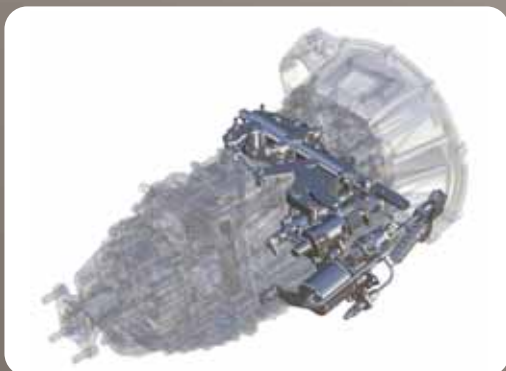
# ENVIRONMENTALLY FRIENDLY ISUZU TECHNOLOGY



Isuzu Citimark is powered by Isuzu 4HK1 E5S diesel engine, which is qualified for Euro 5 EEV (Enhanced Environment friendly Vehicle) regulation of the European Union. 4HK1E5S is an inline 4 cylinder direct injected diesel engine with a displacement of 5.2 litres. The engine is fitted with a turbo charger and an intercooler in order to boost the engine performance and torque, and it features a cast-iron cylinder block with dry sleeve cylinder liners and a ladder type crankcase.

4HK1 E5S includes the employment of four valve mechanisms per cylinder that are operated via a single camshaft, Common Rail fuel injection system, water cooled exhaust gas re-circulation (EGR) system, and the change of combustion chamber form. The larger engine displacement with the common rail fuel injection system increases both in maximum output 204 HP at 2600 rpm and a steady torque value 637 Nm at 1600 rpm meeting Euro 5 EEV emission levels.

The common rail technology is supported by the ECM (Electronic Control Module) system, which enables the vehicle to function at the highest performance level in the most economical way possible. The ECM coordinates the whole combustion process with the help of various sensors installed in several major points inside the engine. ECM controls the common rail combustion process by deciding on the right amount of fuel and the best timing to inject the required amounts inside the burning chambers. The optimum amount of fuel burned under the ideal pressure conditions by the ECM system assures the most efficient fuel consumption while the driver enjoys the maximum performance. The best news is that Isuzu drivers enjoy the benefits of the system in all terrain and weather conditions as ECM calculations are not effected by the altitude or the climate (temperature).



## **Powershift Assisted New Isuzu MZW Transmission**

Improved and more comfortable gear shifting by air pressure driven powershift assistor



**TECHNICAL SPECIFICATIONS**
**CITIMARK**
**DIMENSIONS (mm)**

Maximum Length	9016
Maximum Width	2300
Maximum Height	3121 (Front) / 2837 (Rear)
Wheelbase	4150
Front Overhang	1980
Rear Overhang	2886
Front Track Width	1904
Rear Track Width	1650
Interior Height	1910

**WEIGHTS (kg)**

Gross Vehicle Weight	13000
Curb Weight	6860-7500
Front Axle Capacity	5000
Rear Axle Capacity	9000

**ENGINE**

Model	Isuzu 4HK1 E5S
Type	Common Rail Turbo Diesel Intercooler
Emission Level	Euro 5 - EEV
Number of Cylinders	4
Displacement (cc)	5193
Maximum Power (Hp/rpm)	204 / 2600
Maximum Torque (Nm/rpm)	637 / 1600-2600

**CLUTCH**

 Hydraulic Controlled, Diaphragm Spring,  
Single Dry Plate

**TRANSMISSION**

Model	MZW-6F, Powershift Assisted
Number of Gears	6 Forward, 1 Reverse
Type	Manual, Overdrive
Differential Ratio	5.83

**TYRES**

265/70 R19,5

**PERFORMANCE**

Maximum Speed (km/h)	100 (With Speed Limitor)
Gradeability (%)	42.1
Minimum Turning Radius	7150

**SUSPENSIONS**

Front	Air Suspension (Parabolic Alloyed Steel Leaf Spring OPT)
Rear	Air Suspension

**BRAKE SYSTEM**

Front / Rear	Disc / Disc
Auxiliary Brake	Full Air Brake System with Dual Circuit Automatic Adjuster, ABS and ASR Emergency Brake Operational on Rear Axle, Vacuum Assisted Exhaust Brake

**FUEL TANK CAPACITY (lt)**

196 (2 x 98)

**LUGGAGE CAPACITY (m<sup>3</sup>)**

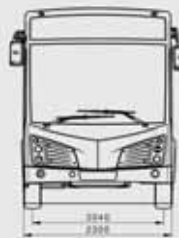
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**SEATING CAPACITY\***

17 (Seated) + 55 (Standing)  
 17 (Seated) + 47 (Standing) + 1 (Wheelchair)  
 21 (Seated) + 45 (Standing)  
 21 (Seated) + 37 (Standing) + 1 (Wheelchair)  
 25 (Seated) + 35 (Standing)  
 25 (Seated) + 27 (Standing) + 1 (Wheelchair)

**ELECTRICITY SYSTEM**

Battery	24V (2 x 12V) - 125 Ah
Alternator	24 V - 100 A
Starter Motor	24 V - 4,5kW



\* Seat positioning and standing passenger capacity vary according to user's needs. Please contact with your local dealer for more information.

\*\* Wheelchair Lift is available for the Citimark version with rear air suspension. Wheelchair ramp and ECAS (Kneeling System) is only available for the version with air suspension on both axles.

## EQUIPMENTS

CITIMARK

**GENERAL**

Ergonomic Dashboard	S
Power Steering	Tilt and Telescopic
Digital Tachograph	S
MTCO Tachograph	OPT
Tachometer	S
Air Pump for Tyres	S
Cruise Control	OPT

**HEATING, VENTILATION AND AIR CONDITIONING**

Air Conditioner	OPT
Blower-type Heater (In Front)	S
Preheater	OPT
Additional Heaters	OPT
	Under the Rear Seat Bench and in the Centre of the Gangway
Turbo Ventilation	S

**SAFETY / SECURITY**

ABS	S
ASR	S
Immobiliser	S
Exhaust Brake	S
Escape / Ventilation Hatch on Ceiling	S
Parking Sensor	S
Rear Gear Warning Beeper	S
Fire Sensor for Engine Compartment	S
Fuel Pre-heater	OPT
Speed Limitor	S

**EXTERIOR**

Metallic paint	OPT
Front Door System	One Wing, Pneumatic, Inward Swing
Middle Door System	Two Wings, Pneumatic, Inward Swing
Remote Control	S
Driver's Window (Sliding)	S
Kneeling System (ECAS)**	OPT (Available for Model with Front Air Suspension)
Front Fog Lamps	OPT
Windscreen	One Piece, Tinted
Windscreen Wiper and Washers	3 speed level
One Piece Passenger Windows	S
1/3 Sliding Passenger Windows	1 Right Side, 1 Left Side
Sliding Passenger Windows	OPT
Sliding Driver's Window	S
Digital Destination Board (In Front)	OPT
Digital Destination Board (Side Window)	S (Digital OPT)
Sunvisor (Manual)	S
Wheel Cover	OPT

**INTERIOR**

Handicap Access**	S (Wheelchair Lift or Ramp)
Semi-closed Driver Cabin	OPT
Driver Seat	Air Actuated, Adjustable
Driver Overhead Cabinet	OPT (With Lock)
Air Conditioner for Driver	OPT
Passenger Seats	Public Transport Type, Stable
Seat Material	Plastic with Fabric Cover
Roof Lining Material	Formica
Side Pillar Lining Material	Formica
Floor Covering	Linoleum
Interior Ceiling Lighting	S
Corridor and Door Step Lamps	S
Engine Compartment Lighting	S

**AUDIO / VISUAL**

CD Player and AM/FM Radio	S
Monitor / LCD Screen	OPT
TV Tuner	OPT
Antenna	S
DVD Player	OPT
Speakers	OPT
Microphone and Amplifier	OPT
Digital Clock	OPT



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