

Irizar i8

Technical specifications

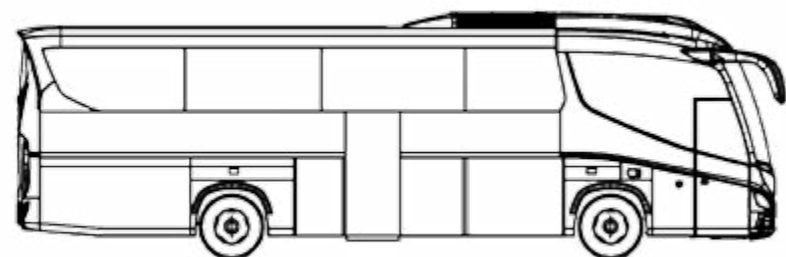
Irizar i8



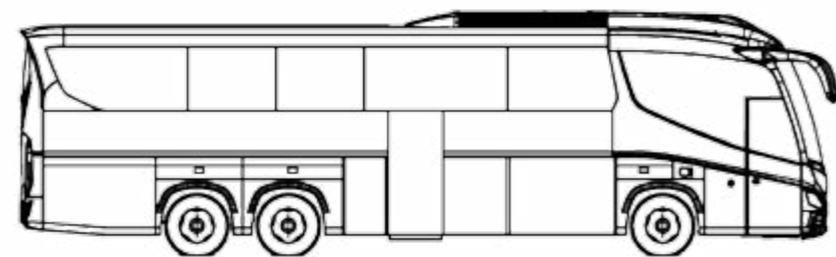
Irizar

lighting the road

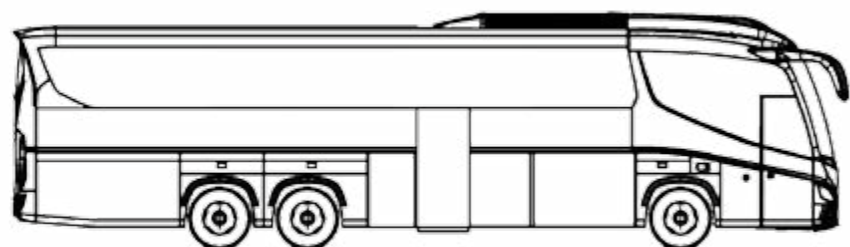
Available configurations



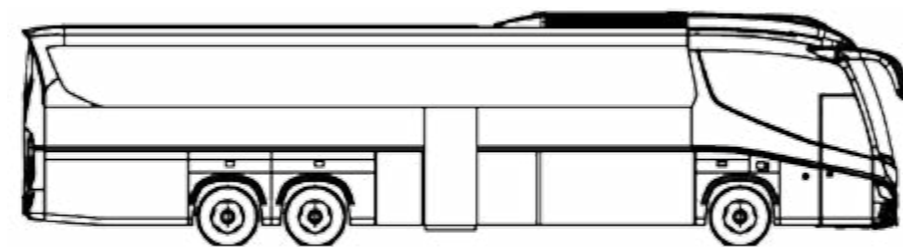
12.4m



13.22m



14.07m



14.98m

* Configurations may vary depending on the selected country.

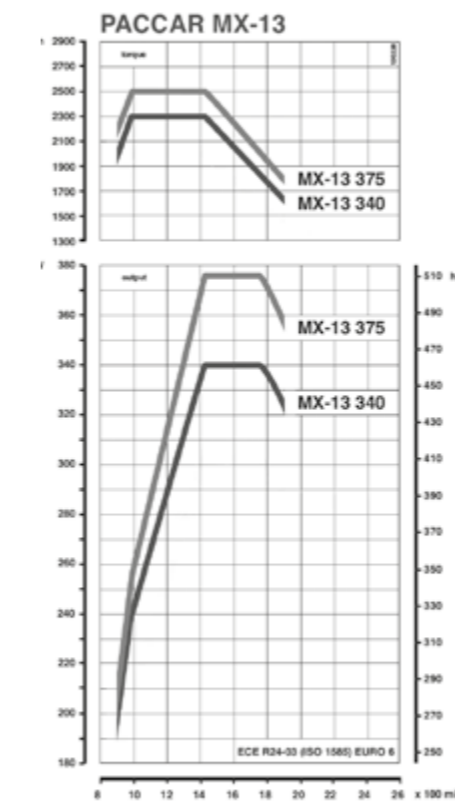
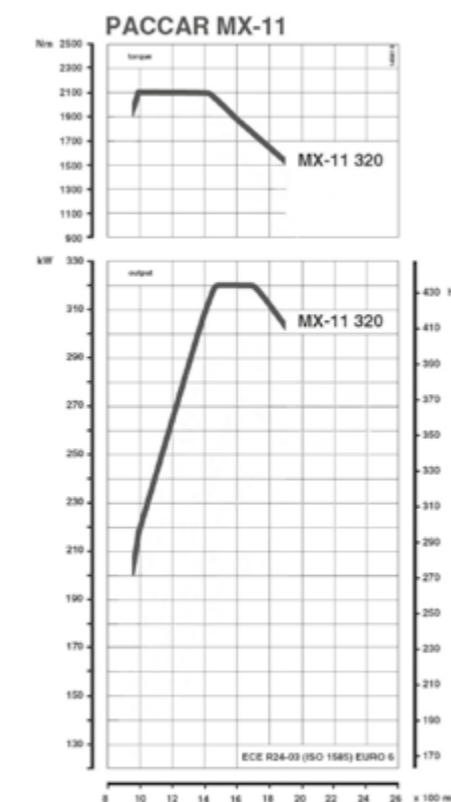
General information (integral vehicle)

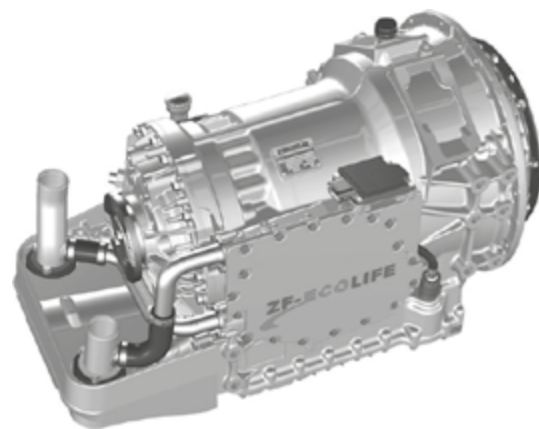
	12.4m	13.22m	14.07m	14.98m
Length	12,400mm	13,220mm	14,070mm	14,980mm
Height	3,980mm	3,980mm	3,980mm	3,980mm
Width	2,550mm	2,550mm	2,550mm	2,550mm
Front overhang	2,690mm	2,690mm	2,690mm	2,690mm
Rear overhang	3,445mm	2,895mm	3,545mm	3,545mm
Distance between axles (front-drive)	6,265mm	6,135mm	6,335mm	7,245mm
Distance between axles (drive-third steering axle)	-	1,500mm	1,500mm	1,500mm
Front door width	900mm	900mm	900mm	900mm
Rear door width	900mm	900mm	900mm	900mm
Free-standing aisle height	2,010mm	2,010mm	2,010mm	2,010mm
First step height	360mm	360mm	360mm	360mm
Turning circle	23,446mm	23,252mm	23,330mm	24,902mm
Luggage compartment volume (approx.)	12.6m ³	13.2m ³	13.5m ³	14.5m ³
-with WC (approx.)	-1m ³	-1m ³	-1m ³	-1m ³
-with driver's bunk (approx.)	-1.8m ³	-1.8m ³	-1.8m ³	-1.8m ³

* The information shown above may vary depending on the selected country.

Powertrain information (integral vehicle)

	MX11 320	MX13 340	MX13 375
Cylinder arrangement	6 cylinder in-line	6 cylinder in-line	6 cylinder in-line
Piston displacement	10.8 l.	12.9 l.	12.9 l.
Valves	24V	24V	24V
Feed	Common-Rail	Common-Rail	Common-Rail
	Variable-turbine geometry	Variable-turbine geometry	Variable-turbine geometry
Maximum power	320 Kw 435 hp (1,450-1,700 rpm)	340 Kw 462 hp (1,425-1,750 rpm)	375 Kw 510 hp (1,425-1,750 rpm)
Maximum torque	2,100 Nm (1,000-1,450 rpm)	2,300 Nm (1,000-1,425 rpm)	2,500 Nm (1,000-1,425 rpm)
Emissions compliance	EURO 6	EURO 6	EURO 6





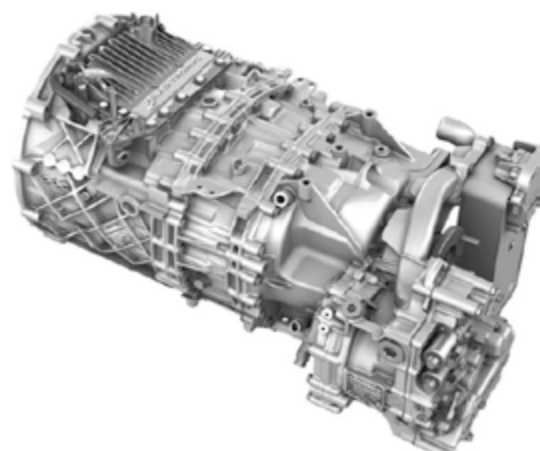
ZF Ecolife

6-speed automatic transmission with torque converter.

Capable of transmitting torques of up to 2,300Nm.

Inbuilt ZF Power Retarder with 3 brake points.

Electronic with advanced software for optimal fuel consumption.



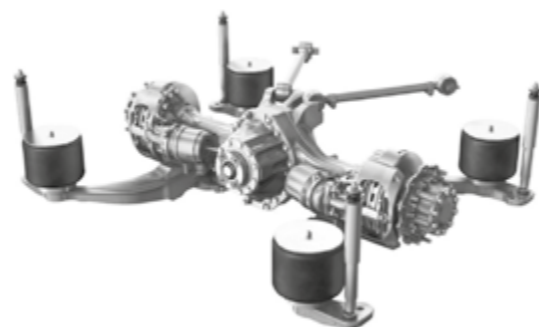
ZF AS Tronic

Fully automated 12-speed manual transmission.

Capable of transmitting torques of up to 2,700Nm.

Inbuilt ZF Power Intarder with 3 brake points.

Electronic with advanced software for optimal fuel consumption.



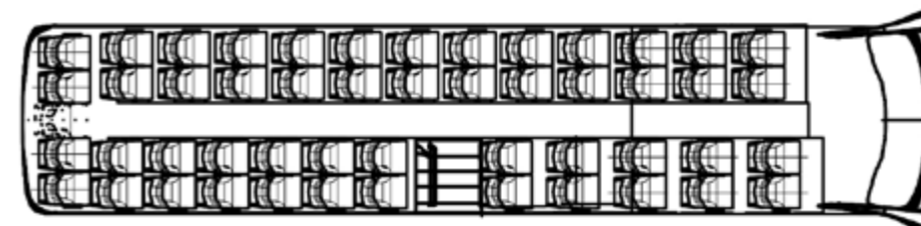
ZF Axles

RL82EC front axle and A132 rear axle. In case of three axles, RL82EC third steering axle. Independent front and third-axle suspension as standard.

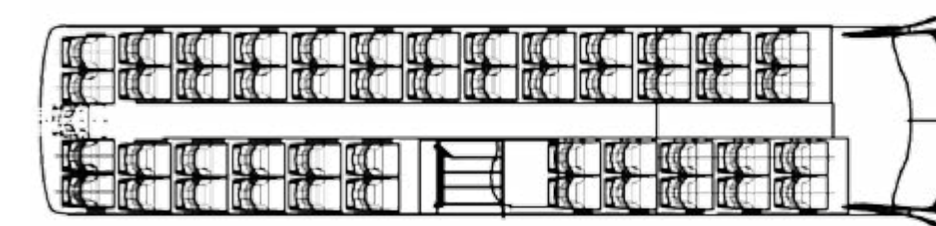
Electronically-controlled air suspension (ECAS) to achieve optimum stability and comfort.

Braking system equipped with ABS, ASR, ESC and BFD... electronically controlled by EBS. Disc brakes on all wheels.

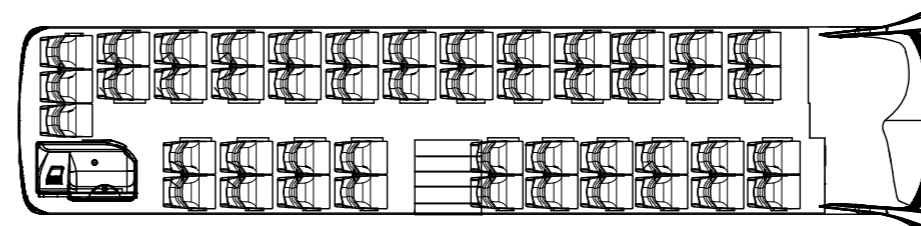
Seat distribution: 12.4m



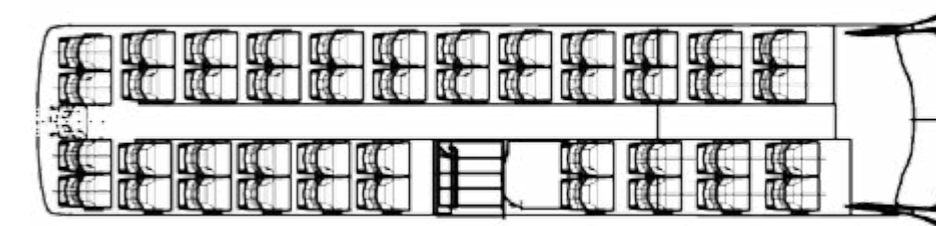
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
No/Low	No	No	51+1+1	760mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	No	No	49+1+1	750mm	★★★★★



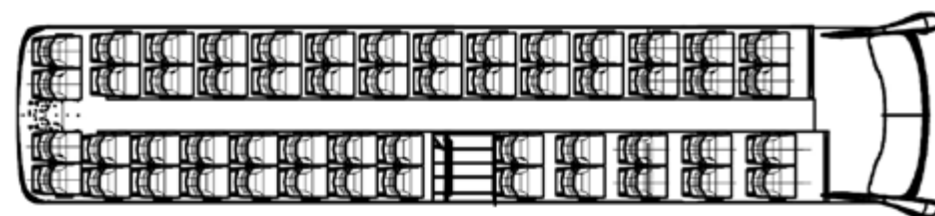
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (rear)	No	No	47+1+1	760mm	★★★★★



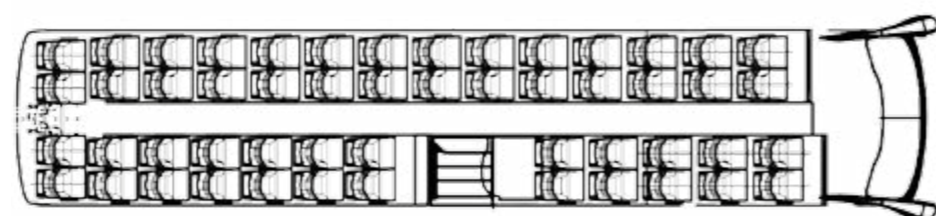
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	Yes	No	44+1+1	800mm	★★★★★

Check specific distribution options. Some of the distribution options shown may not be available depending on the selected powertrain.
 680mm ★★★★★ 680mm - 740mm ★★★★★ 740mm - 810mm ★★★★★

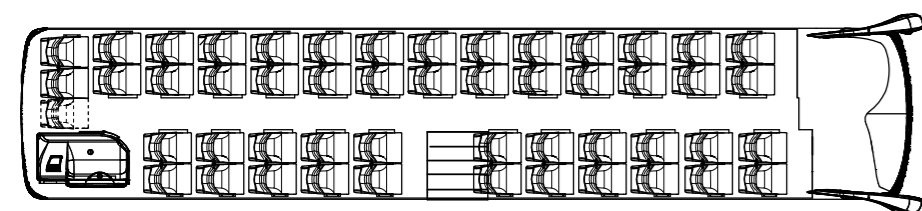
Seat distribution: 13.22m



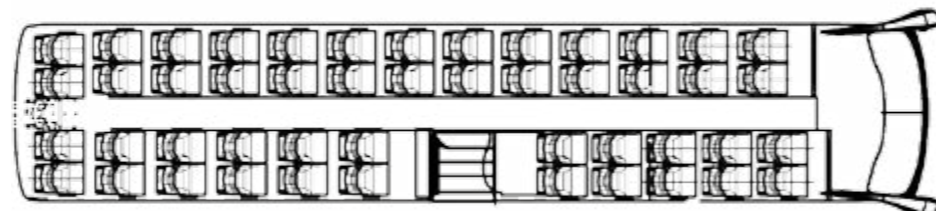
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
No/Low	No	No	55+1+1	780mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	No	No	53+1+1	780mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (rear)	No	No	51+1+1	780mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	Yes	No	48+1+1	780mm	★★★★★

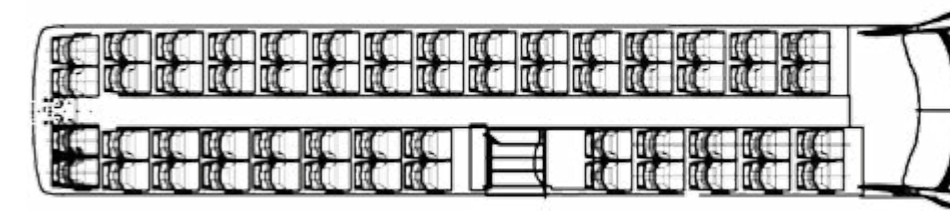
Check specific distribution options. Some of the distribution options shown may not be available depending on the selected powertrain.

680mm ★★★★★ 680mm - 740mm ★★★★★ 740mm - 810mm ★★★★★

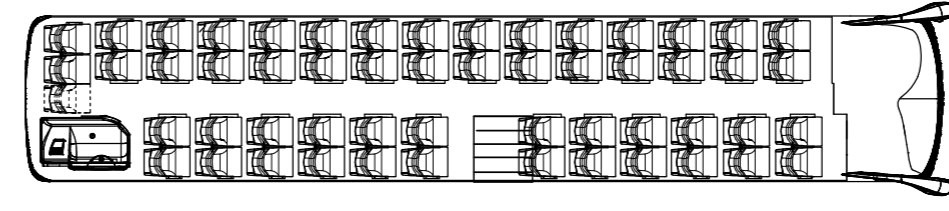
Seat distribution: 14.07m



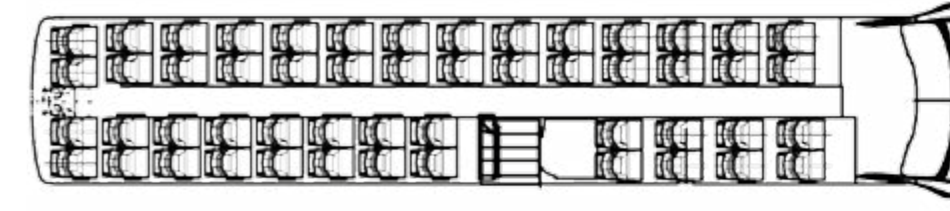
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
No/Low	No	No	59+1+1	780mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	No	No	57+1+1	780mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (rear)	No	No	55+1+1	785mm	★★★★★

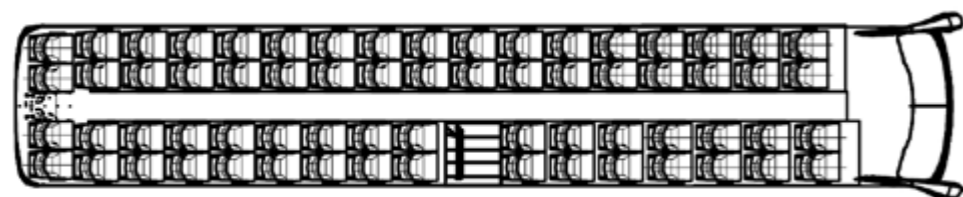


WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	Yes	No	52+1+1	800mm	★★★★★

Check specific distribution options. Some of the distribution options shown may not be available depending on the selected powertrain.

680mm ★★★★★ 680mm - 740mm ★★★★★ 740mm - 810mm ★★★★★

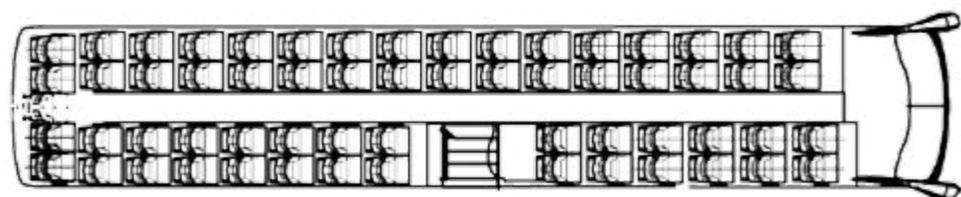
Seat distribution: 14.98m



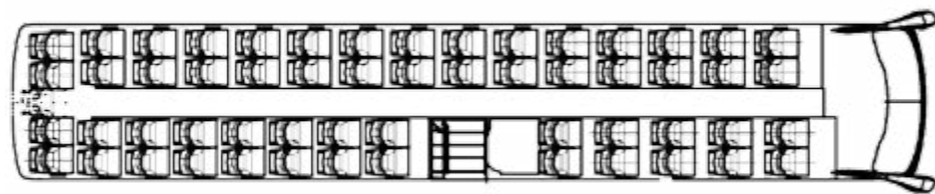
WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
No/Low	No	No	67+1+1	750mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (rear)	No	No	61+1+1	790mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	No	No	65+1+1	750mm	★★★★★



WC	Kitchen	PRM	No. of seats	Min. Dist.	Classification
Yes (high)	Yes	No	56+1+1	820mm	★★★★★

Check specific distribution options. Some of the distribution options shown may not be available depending on the selected powertrain.

680mm ★★★★★ 680mm - 740mm ★★★★★ 740mm - 810mm ★★★★★

Equipment

	12.4m	13.22m	14.07m	14.98m
HEATING AND VENTILATION SYSTEM				
Air conditioning: Bizonal climate control system	•	•	•	•
Heating system	•	•	•	•
Artic Heating/Isolation system	ACS	ACS	ACS	ACS
Programmable Pre-heater	ACS	ACS	ACS	ACS
Convector fan in WC	ACS	ACS	ACS	ACS
DRIVER AND GUIDE				
Moquette driver and guide seat	•	•	•	•
Black leather driver and guide seat	◦	◦	◦	◦
Driver seat armrest	◦	◦	◦	◦
Heated driver seat	◦	◦	◦	◦
Multifunction leather steering wheel	◦	◦	◦	◦
Third windscreen wiper	◦	◦	◦	◦
Driver seat mounted microphone	•	•	•	•
Guide-microphone	•	•	•	•
Wireless microphone for guide	◦	◦	◦	◦
Driver flex map light	◦	◦	◦	◦
Guide flex map light	ACS	ACS	ACS	ACS
Luggage-racks locker for driver and guide	•	•	•	•
Tyre pressure and heat sensor monitoring system	•	•	•	•
Heated windscreen	◦	◦	◦	◦
Heated mirror	•	•	•	•
Drivers safe	•	•	•	•
Refrigerator in dashboard	•	•	•	•
Storage above fridge and beside courier	•	•	•	•
Rain sensor	•	•	•	•

ACS= According to Country Standard

• Standard equipment

◦ Optional equipment
10 | 11

Equipment

	12.4m	13.22m	14.07m	14.98m
ELECTRICITY AND ELECTRONICS				
Front screen 22"	o	o	o	o
Multiplexed system	•	•	•	•
HMI (Human Machine Interface) Tactile screen (integrates: clima, audio, video, medias, cameras, Sat Nav, bluetooth, settings, etc.)	•	•	•	•
Satellite Navigation integrated (Tele Atlas Maps)	•	•	•	•
Wiper automatic rain sensor	•	•	•	•
Bluetooth handsfree	•	•	•	•
Bosch Professional line audio equipment	•	•	•	•
15" second and third screens	o	o	o	o
18,5" second and third screens	o	o	o	o
Bosch 19" tilt-down monitor	o	o	o	o
Digital TV Tuner	o	o	o	o
Camera over central stepwell	•	•	•	•
Road camera	o	o	o	o
Digital clock	•	•	•	•
Parking sensors	o	o	o	o
Rear view camera	o	o	o	o
LED interior and Exterior lighting	•	•	•	•
GPS connected to screens	o	o	o	o
Front/side and rear destination signs	o	o	o	o
Wi-Fi Internet connection	o	o	o	o

ACS= According to Country Standard

• Standard equipment

o Optional equipment

	12.4m	13.22m	14.07m	14.98m
Lift for wheelchairs	o	o	o	o
Electrically operated opening key+button of front door	•	•	•	•
Remote control opening and alarm	o	o	o	o
Contact sensors on luggage lockers	o	o	o	o
Driver Fatigue Warning System	o	o	o	o

PASSENGER AREA

Stainless steel hand rails	•	•	•	•
i8 seats in moquette fabric (vertical/horizontal design)	•	•	•	•
i8 seats with synthetic leather headrests (vertical/horizontal design)	•	•	•	•
i6 seats with leather inserts	o	o	o	o
Extra padded seats	ACS	ACS	ACS	ACS
2 hand bar in seats rear	•	•	•	•
Coat hook	o	o	o	o
Table	o	o	o	o
Magazine net	o	o	o	o
Central armrest	o	o	o	o
Footrest	o	o	o	o
2-point safety belts on seats	•	•	•	•
3-point safety belts on seats	o	o	o	o
Individual air conditioning and LED lighting	•	•	•	•
Luggage rack locker lids	o	o	o	o
i8 exclusive carpet aisle, drivers area and rear	o	o	o	o
i8 exclusive wooden effect floor	•	•	•	•
Waste bin at entrance and central door	•	•	•	•

ACS= According to Country Standard

• Standard equipment

o Optional equipment

Equipment

	12.4m	13.22m	14.07m	14.98m
Central sunken toilet/rear floor mounted toilet (includes smoke detector)	o	o	o	o
Sensor tap toilet	•	•	•	•
Stainless steel components in toilet	•	•	•	•
USB / 220V plugs for every pair of seats	o	o	o	o
Individual entertainment systems	o	o	o	o
OTHERS				
Retractable step in middle door	•	•	•	•
Driver's bunk (includes smoke detector)	o	o	o	o
Vacuum cleaner	o	o	o	o
Kitchen next to central entrance	o	o	o	o
Front headlamps	•	•	•	•
Stainless steel structure	o	o	o	o
Double glazed windows	ACS	ACS	ACS	ACS
Extra-tinted side windows	•	•	•	•
Black-tinted side windows	o	o	o	o
Fire detection system in engine compartment	•	•	•	•
Fire suppression system in engine compartment	o	o	o	o
Air purifier system	o	o	o	o
Additional fuel tanks	o	o	o	o
Towing hook	o	o	o	o
Alcoa standard Aluminium rim	•	•	•	•
Alcoa Durabright aluminium rim (Black tag)	o	o	o	o
Ski box fixing system	o	o	o	o
Pneumatic luggage lockers	•	•	•	•
Ski locker above rear wheel arch	•	•	•	•

ACS= According to Country Standard

• Standard equipment

o Optional equipment

EBS

Electronic brake control system equipped with ABS, ASR, ESC, BFD...

ABS

System that prevents wheel lock during braking in order to prevent the tyres from skidding on the road, shortening braking distances and offering greater control over the direction of the vehicle.

AEBS

Autonomous emergency braking system that prevents collision with moving vehicles ahead or minimises the impact of the collision in the case of stationary vehicles ahead.

ESC

Electronic stability control system that acts by braking the wheels individually or together in situations where the vehicle has lost stability or is at risk of tipping.

ACC

System that adjusts the vehicle's cruise control speed in order to maintain a predefined distance, which can be selected by the driver, from the vehicle in front.

BFD

Braking distribution control system that determines how much force is applied to each wheel in order to achieve the desired deceleration (under any vehicle load situation) without losing stability and attempting to optimise the even wear of the brake pads of the different axles.

LDWS

System that warns the driver when the vehicle begins an unintentional lane departure.

ASR

Traction control system to prevent the loss of wheel grip on slippery ground.

ECAS

Electronically-controlled air suspension system to ensure vehicle stability and passenger comfort. "Kneeling" function and manual height adjustable suspension as standard. Third-axle suspension control based on weight distribution to the drive shaft in order to provide optimal traction at all times.

TPMS

Tyre pressure and temperature monitoring system.



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