



Layout maxi 10.60m 47 passenger seats (2001/85)

GENERAL FEATURES

Length	10 655 mm
Width	2 550 mm
Max. height with / without A/C	3 455/3360 mm
Wheelbase	5 300 mm
Front / rear overhang	2 063 mm / 3 292 mm
Front / rear tracking	2 068 mm / 1 814 mm
Interior height clearance in the corridor	2 275 mm
Floor height	860 mm
Access height of front/centre doors	344 / 344 mm
Width of front / centre door**	800 / 800 mm
Kerb-to-kerb turning radius	8 850 mm
Wall-to-wall turning radius	9 600 mm
Angle of attack / escape	10° / 8°
Maximum permitted weight on rear axle*	11 500 kg
Maximum permitted weight on front axle	7 100 kg
G.V.W.*	18.000 kg
Capacity of the interior luggage compartment	1.9 m ³
Capacity of the luggage compartment under the floor	3.5 m ³

*depends on the country

** see bodywork / exterior equipment



243 kW (330 ch)
280 kW (380 ch)



Euro 5
EeV

► BODYWORK / EXTERIOR EQUIPMENT

Anticorrosion treatment by cathaphoretic immersion, finished with a polyurethane resin final coat
Exterior front and middle clearance door width 670 mm
Side luggage compartment doors in pressed aluminum

Optional*:

Middle clearance door width 1200 mm
Painting customization
Labels "Transport of children"
Upper rear light (direction & brake lights)

► INTERIOR EQUIPMENT

Floor and steps covered in PVC
Luggage racks above passenger seats
Side walls in laminated panels
Roof trim: laminated panels
Dividing walls
Automatic lighting of driver's compartment when doors are open
2 roof-mounted handrails

Optional*:

Central platform
Wheelchair ramp with space to accommodate one wheelchair user (oblige Midale door 1200 mm)
Full height dividing wall behind the driver
Curtains on side windows and rear glass
Refrigerator integrated in the dashboard
Request buttons to "STOP"

► RADIO / VIDEO

Loud speakers

Optional*:

Preparation for radio
Complete installation for RADIO/CD
Complete installation for VIDEO
Microphone for driver
Microphone for driver + microphone for guide

► ELECTRICAL EQUIPMENT

2 batteries 12 V - 170 Ah, mounted on a tray
2 alternators, 90 A
Front fog lamps
Electrical box with fuses in the front left storage compartment
Incandescent lighting of passenger compartment
Interior lighting for passengers direct by fluor tubes

Optional*:

24 V socket on instrument panel
Protection by thermal circuit breakers
230 A/h batteries
140 + 80 A Alternators
Hazard warning lights activated when doors are opened
Lighting in luggage compartment
Reversing sensor system
Amplified interior lighting for passengers direct by fluor tubes
Interior lighting for passengers indirect by fluor tubes
FIPO, REVERSE DRIVE RADAR, REVERSE DRIVE ALARM HORN

► WINDOWS / THERMAL COMFORT

Tinted simple glass all round of which 4 opening at the top
4 emergency exit windows - non-opening : 2 left and 2 right
Opaque roof hatches
Thermal side, front panel & roof insulation
Heating for passengers by 3 heaters with channel for hot air distribution
Air extractor in the rear
Electrical demisting of the front door

Optional*:

9 tinted opening side windows instead of the standard 4
Double glazing of side windows; front door; driver's side window
Air conditioning without reheating function (roof unit)
Air conditioning with reheating function (roof unit)
Individual air outlets; reading lights placed above passengers seats
Pre-heater 30 kW
4 heaters for passengers instead of the standard 3
Demisting of front steps

► DRIVING POSITION

Fully adjustable driver's air suspension seat with headrest, with 3 point seat belt
Storage tray in central and side console
Side/ front sun visor manually operated
Exterior temperature indicator
Digital tachograph
On-board computer (steering wheel controls) with fuel consumption control

Optional*:

Driver and passenger seats in same trim
Driver luggage compartment rack with lock
Hostess seat with 3 point safety belt
2 bottles refrigerated storage container
Front sun visor electrically operated
Integral CRUISE CONTROL
Hostess seat with fixed back, folding seat and 3 point seat belt
Alcohol Tester

► ENGINE

Diesel 6 cylinders in line, inclined to the rear left. Direct injection.
Maximum power 243 kW (330 HP) at 2 050 rpm
Maximum torque 1 500 Nm (153mkG) at 1 125-1 550 rpm
Engine capacity 7,8 liters
Supercharged by variable geometry turbo compressor with cooling of the inlet air by air-air intercooler
Electronic regulation and pump injectors
Hydrostatic fan
Oil heat exchanger (7,6 dm²)
Cold start by means of a resistor integrated into the induction manifold
Electric accelerator
EURO 5 exhaust emission standard

Optional*:

Maximum power 280 kW (380 HP) at 2 050 rpm
EEV exhaust emission standard

► GEARBOX

6 speed mechanical gearbox ZF
Exterior warning buzzer with the shift of reverse speed

Optional*:

Automatic 4 speed VOITH D864.5
Automatic 6 speed ZF 6 HP
Automated 12 speed ZF AsTronic (380 HP only)

► DRIVE AXLE

Standard axle ratio 3,21 maximum speed: 128 km/h
Single reduction rear axle

Optional*:

Other ratios related to the engine, gearbox and mission available

► FRONT AXLE / STEERING

Front axle with independent wheels suspension
Hydraulic steering

► SUSPENSION

Full air suspension with self-leveling sensor
Front: 2 air springs / 2 shock absorbers / 1 stabilization bar / 1 leveling sensor
Rear: 4 air springs / 4 shock absorbers / 4 retaining rods / 1 stabilization bar / 2 leveling sensors

Optional*:

Lifting / Lowering device of the vehicle suspension

► COMPRESSED AIR

Dual cylinder air compressor 630 cm³ (pressure 9,5 bar)
Integrated air dryer: Bleeding valves on the air tanks

► BRAKES

Pneumatically-controlled service disc brakes in front and rear
ABS (anti block system)
ASR (anti-slip system)
Parking brake: 2 cylinders
Emergency brake : guaranteed by independent circuits

Optional*:

Vehicle immobilization when the front or middle doors are open
Electronic control of vehicle stability (ESP)
Electronic control of brakes (EBS)

► RETARDER

Electromagnetic retarder controlled by the main brake (possible to disconnect for manual control)
Decompression engine brake

Optional*:

Hydraulic integrated retarder

► FUEL TANK

350 liters diesel tank, inlet on the left and right side
60 liters AdBlue tank, inlet on the right side

► WHEELS AND TYRES

22,5x8,25-10-152 M 22 E wheel rims
295/80 R 22,5 tyres
Spare wheel and carriers in the front overhang

Optional*:

Forged polished aluminum wheels

* Offer of standard and optional equipments can be different on various markets.
For any clarification about possible equipments, please contact sales representatives.