



DIAMOND

TECHNICAL SPECIFICATIONS



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MODEL	DIAMOND 14
DIMENSIONS	
Overall length (mm)	13,975
Overall width (mm)	2,550
Overall height (mm)	3,815 (with A/C)
Overhang front / rear (mm)	2,960 / 3,185
Wheelbase (mm)	6,400
Luggage compartment (m³)	15
WEIGHT	
Max. gross vehicle weight (kg)	26,000
STRUCTURE	
Type	Construction in welded profiled section steel skeleton; both sides with galvanized steel sheets; front / rear / roof panels in fibre composite material
ENGINE	
Model	MAN D2676 LOH27 EEV
Number of cylinders / piston displacement (cc)	6 in line / 12,419
Maximum output (EEC-89/491)	353 kW / 480 HP / 1,900 rpm
Maximum torque (EEC-89/491)	2,300 Nm / 1,000 -1,400 rpm
TRANSMISSION	
Model	ZF 12 ASTRONIC 2301 with intarder
CLUTCH	
Type	Hydraulic controlled, single dry plate with air pressure assistance
AXLES	
Front axle	MAN-VOS-08-B-01 independent
Rear / third axle	MAN-HY-1336-B-07 single reduction / MAN-NOL-06-B-03
Ratio	3,364
SUSPENSION	
Front axle	2 air bellows + 2 shock absorbers + torsion bar type stabiliser
Rear / third axle	4 air bellows + 4 shock absorbers / 2 air bellows + 2 shock absorbers
BRAKES	
Service brake	Full dry air, dual circuit with auto slack adjusters / disc brakes at front and rear
TYRES AND WHEELS	
Tyre size - front / rear	315/80 R 22,5 - 295/80 R 22,5
STEERING	
Model	ZF 8098
ELECTRICAL SYSTEM	
System voltage / battery	24 Volt / 2 x 12V, 225 Ah
FUEL SYSTEM	
Fuel tank capacity	650 L
PASSENGER CAPACITY	
Max. seating arrangement (2001/85)	63+1+1
HEATING AND AIR CONDITIONING SYSTEM	
Driver area	Defroster for heating and cooling the driver area and defrosting the windscreen
Passenger compartment	Full automatic convector system
Air conditioner	Roof type air conditioning unit 35kW

STANDARD EQUIPMENT

Cruise control • exhaust brake • dashboard bottle cooler • double glazing • roller type curtains • WC • air conditioning with heating • body lifting • central locking • electrically operated sun visor • assistant seat • DVD • 2 15" automatic LCD monitors • radio-CD / MP3 player • microphone in driver seat • carpet in steps / driver area / aisle • basic std. colour: White RAL9010 • pre-heater



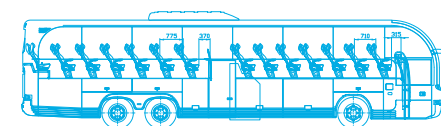
MAIN FEATURES



EEV



ECE-R66, ASR, EBS



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