

MAIN DIMENSIONS (mm)	M 340
Maximum length	17.990 mm
Maximum width	2.500 mm
Maximum height	2.930 mm
Minimum height from ground	150 mm
Wheelbase	5.150 mm 7.200 mm
Front overhang	2.560 mm
Rear overhang	3.080 mm
Turning diameter	21.000 mm
Floor height from ground: 1 st , 2 nd 3 rd and 4 th door	360 mm 330 mm
Threshold height 1 st , 2 nd 3 rd door 3 rd door	330 mm 330 mm 350 mm
Corridor width (front/rear)	~ 840 mm ~ 690 mm

ENGINE

- Engine DAIMLER CHRYSLER OM 906
LA turbocharged intercooler
EURO 3
- Position transversal in the rear overhang
diesel cycle direct injection 4
stroke BOSCH PLD single
pumping unit system
electronically controlled
- Total displacement 7.201 cm³, 6 cylinders in line,
3 valves per cylinder
- Maximum power 240 kw at 2200 rpm
- Cooling system water
- Maximum torque 132 kgm (1300 Nm) at
1200÷1600 rpm.

GEAR BOX

- gear box ZF 5 HP 602 5 speeds + RM,

EMISSIONS

Data obtained in type approval test

	g/ KWh
CO	0.71
HC	0.16
Nox	4.65
PT	0.070

FRONT AXLE STEERING

Independent front axle MERITOR-STREPARAVA.
Power steering ZF 8098
Steering wheel adjustable in inclination and height

REAR AXLE

Inverted portal type axle MERITOR IPA U720.
Maximum load 12.000kg
Axle ratio 1:6,29

STRUCTURE

Bodywork made of high resistance steel profiles
electrically welded, forming with chassis, sides and
roof an integrated structure (self-bearing
monocoque). Wheel housings are made of high
resistance steel sheet, integrated in the body
structure.

SUSPENSIONS

Fully pneumatic with Pirelli air springs.

Front:

- n. 2 air springs
- n. 4 hydraulic shock absorbers

Rear:

- n. 4 air springs
- n. 4 hydraulic shock absorbers
- Rear antirolling bar

The suspension trim is provided by automatic sensors
through an electronic control unit (ECAS). Side
kneeling system (70mm) with vehicle stop with doors
opened. Chassis rising and lowering device.

BRAKES

Service brakes

Front and rear disc brakes pneumatically activated
with automatic adjustment of the back lash with
independent circuits and ABS/ASR.

Emergency brake

Obtained by sectioning of the service brake.

Parking brake

Mechanic pneumatically activated on the rear axle.

Retarder

Hydraulic type activated by the brake pedal.

PNEUMATIC SYSTEM

Two cylinder air compressor DAIMLER CHRYSLER,
water cooled.

WABCO mono chamber air dryer with anti frozen
device and automatic condensate drainage system.
n. 9 aluminum air tanks 360 liters in total, with
centralized condensate drainage system manually
operated. I

- press-block plug for air refilling from outside.
- Brass and polyamides piping.

ELECTRICAL SYSTEM

Multiplex type 24 V with 9 electronic units I/O +
graphic display as Master unit
n. 2 batteries maintenance free 12 V 220 Ah

DOORS

Double doors swinging inside pneumatically activated
with safetu antitrap device..

WEIGHTS	M 340 U	M 340 S
Dry weight with driver	16.300 Kg	16.800 kg
Maximum weight allowed	29.800 Kg	29.800 kg

PASSENGER CAPACITY (std.)	M 340 U		M 340 S	
	4 P		3 P	
Seating places	30	28	55	51
Standing places	142	137	102	102
Wheelchair	-	1	-	1
Total (with driver)	173	167	158	155

WINDOWS

Curved front windscreen with safety glass. side
windows glued to the structure with upper part sliding
horizontally.

PERFORMANCES

Maximum speed 79 Km/h
Maximum grade >12%

FUEL TANK

350 liters

NO LUBRICATING POINTS

Ball bearings are UNI-BEARING lubricated for-life.

WHEELS AND TYRES

Traction twin tyres on the rear. Direction single tyres
on the front 275/70 R 22,5; rims ISO 7,5"x22,5". M
connection.

MAIN OPTIONS

Driver's air conditioning
Passengers air conditioning
Driver's and passengers air conditioning with
independent regulation.
Wheel chair ramp with dedicated area
Onboard GSM-GPS unit for remote diagnostic

