

MAIN DIMENSIONS (mm)	M 200
Maximum length	5.870 mm
Maximum width	2.070 mm
Maximum height	2.595 mm
Minimum height from ground	200 mm
Wheelbase	3.720 mm
Front overhang	1.140 mm
Rear overhang	1.035 mm
Turning diameter	13.370mm
Floor height from ground:	320 mm
Threshold height	300 mm

WEIGHTS	M 200
Dry weight with driver	4.750 Kg
Maximum weight allowed	7.000 Kg

PASSENGER CAPACITY (std.)	M 200	
Seating places	9	7
Standing places	24	18
Wheelchair	-	1
Total (with driver)	34	27

ENGINE

- ▶ Motor electric motor DC THRIGE TITAN
- ▶ Position rear
- ▶ Maximum power 31 KW at 1600 rpm
- ▶ Cooling system air
- ▶ Maximum torque 195 Nm
- ▶ Traction control electronic MOSFET 550 A HF

BATTERY

Lead acid 96 V – 500 Ah.

FRONT AXLE STEERING

Rigid front axle.
ZF power steering
Steering wheel adjustable in inclination and height

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

Pneumatic with air springs.

Front:

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

Rear:

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

The suspension trim is provided by automatic sensors through an electronic control unit (ECAS). Side kneeling system (40mm) with vehicle stop with doors opened. Chassis rising and lowering device.

BRAKES

Service brakes

Hydraulic front disc brakes and rear disc brakes with ABS.

Emergency brake

Obtained by sectioning of the service brake.

Parking brake

Mechanic on the rear axle hydraulically activated.

Retarder

Electric type integrated in the transmission

PNEUMATIC SYSTEM

WABCO electric air compressor
n. 3 aluminium air tanks 55,5 litres in total, with centralized condensate drainage system manually operated. I
- press-block plug for air refilling from outside.
- copper and polyamides piping.

ELECTRICAL SYSTEM

Multiplex type 24 V with 1 electronic unit I/O + graphic display
n. 1 battery maintenance free 80 Ah

DOORS

One double door swinging inside electrically activated with safety antitrap device.

WINDOWS

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

PERFORMANCES

Maximum speed 32 Km/h
Maximum grade >16%

WHEELS AND TYRES

Traction single tyres on the rear. Direction single tyres on the front 225/75 R 17,5; rims ISO 6"x17,5".

MAIN OPTIONS

Driver's air conditioning
Wheel chair ramp with dedicated area

