



Microbus Line **MA 10.0**

Agrale invests in technology in order to produce chassis totally adapted to market requirements.

The Microbus Line is national leader in the microbus manufacture for over 25 years and the Midibus Line is compound by compact chassis, which low operational and purchase cost, perfect for urban, intermunicipal or freightage operations.

Its experience in the industry and versatility of the designs result in safety, comfort and efficiency.



**PARTS &
SERVICES**



WARRANTY AGRALUB



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ENGINE	
Make/model	Cummins F3.8
Maximum Power	175 cv (129 kw) / 2500 rpm
Maximum Torque	600 Nm / 1100 - 1800 rpm
No. of Cylinders/Displacement	4 cil
Emissions control	After treatment of gases by selective catalytic reduction (SCR). PROCONVE P8 / EURO V
Aspiration	Turbocharged with two-stage turbo
Electronic Injection	COMMON RAIL
DRIVING TRANSMISSION	
Gearbox	EATON ESBO 6106A ALLISON T2100MHXFE
No. of Gears	6 a forward / 1 ré
Type of Clutch	Dry monodisc
Disc's Outer Diameter	362 mm
THEORETICAL PERFORMANCE	
Maximum Speed	(EE 4.500 - NS) 97 Km/h (EE 4.800 - NS) 110 Km/h
Climb on Ramp in TGW	44,3% (EE 4.500mm) / 37,9% (EE 4.800)
WHEELSETS	
Dimensions	6.75" x 17,5"
BRAKES	
Drive/Performance	Modulating Valve / Rear Brake
Service Braking	Drum / "S CAM" Pneumatic Electronically assisted (ABS, EBD, ATC) com regulagem automática
Engine Brake	Butterfly Exhaust engine brake (Electro-pneumatic actuation)
Parking Brakes	Spring brake 24"
SUPPLY CAPACITY	
Fuel tank	150 L
Urea tank (Arla 32)	25 L

ELECTRIC SYSTEM	
Tension	24 V
Battery	12 V /100 Ah (02 units)
Alternator	28 V - 150 A
AXLE	
Front axle	Dana 3.2T
Rear axle	Meritor MS15-124 DANA S16 - 130 (EE 5.500)
Standard reduction ratio	(EE 4.500) 4,88:1 (EE 4.800) 4,30:1
TIRES	
Dimensions	235/75 R17,5"
CHASSI	
Front Suspension	Interconnected by a parabolic spring and telescopic shock absorbers.
Rear Suspension	Double-stage semi-elliptical springs or Full Air Pneumatic Suspension (Optional)
Front/Rear Shock Absorbers	Telescopic / Double action
STEERING WHEEL	
Type	Hydraulics
Model	ZF SERVOCOM 8095
WEIGHTS AND CAPACITIES	
TGW - Total Gross Weight	10.000 Kg
Kerb weight	2.900 Kg / 2940 Kg
Effective Load + Body	7.100 Kg
Maximum Load of Front Axle	3.200 Kg
Maximum Load of Rear Axle	6.800 Kg