

CHASSIS MA 8.7

SAFETY, COMFORT AND PERFORMANCE

The bus line Agrale meets the most varied applications and market needs, enabling a higher load capacity and best use of the body. Ideal for those who seek for versatility in bodybuilding.



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PARTS &
SERVICES



WARRANTY

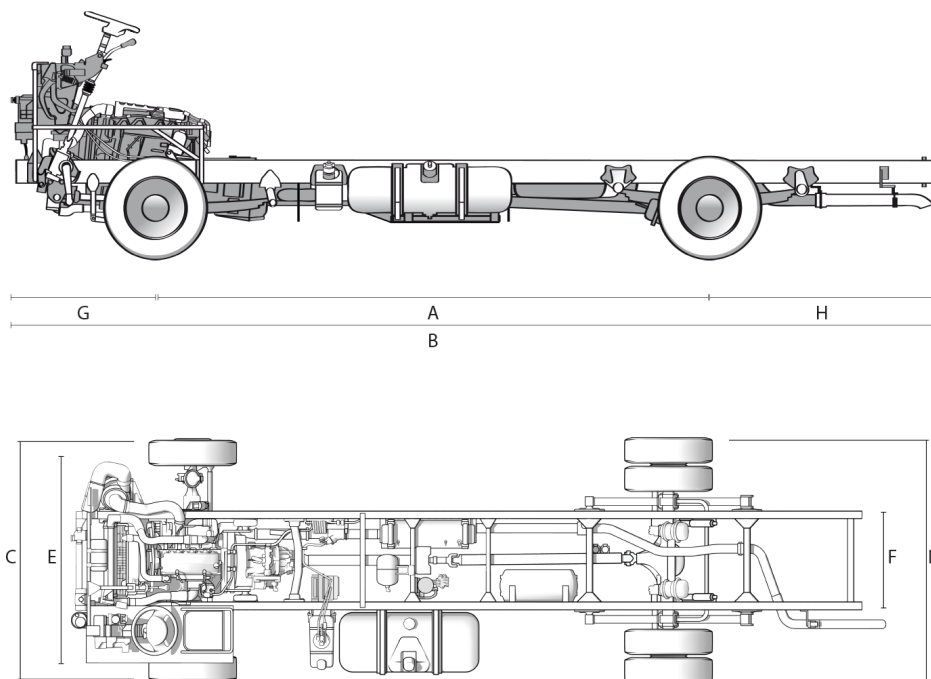
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ENGINE	
Make/model	CUMMINS ISF 3.8
Maximum Power	152cv(111,8 kw) @ 2600 rpm
Maximum Torque	450 Nm / 1100 - 1900 rpm
No. of Cylinders/Displacement	4 / 3.760 cm
Emissions control	Gases Post-treatment by Selective Catalytic Reduction (SCR)
Aspiration	Turbocharged with two-stage turbo
Electronic Injection	COMMON RAIL
ELECTRIC SYSTEM	
Tension	24 V
Battery	12 V/100 Ah
Alternator	28 V/110 A
DRIVING TRANSMISSION	
Gearbox	EATON FSO 4505 C
No. of Gears	5 forward / 1 reverse
Disc's Outer Diameter	330 mm
AXLE	
Front axle	DANA 3,2T
Rear axle	DANA 284
Standard reduction ratio	4,63 : 1
Optional reduction ratio	4,10 / 5,38 :1
THEORETICAL PERFORMANCE	
Maximum Speed	104 Km/h (NS) 117 Km/h / 89 Km/h (OPC)
Climb on Ramp in TGW	33,5% (NS) 29% / 40% (OPC)

TIRES	
Dimensions	215/75R 17,5
WHEELSETS (TYPE)	
Dimensions	6.00" x 17,5
BRAKES	
Parking Brakes	Spring brake 24
STEERING WHEEL	
Model	ZF SERVOCOM 8090
SUPPLY CAPACITY	
Fuel tank	150 L
Urea tank (Arla 32)	16 L
WEIGHTS AND CAPACITIES	
TGW - Total Gross Weight	8.700 Kg
Kerb weight	2.550 Kg
Effective Load + Body	6.150 Kg
Maximum Load of Front Axle	3.200 Kg
Maximum Load of Rear Axle	5.500 Kg
OPTIONAL ITEMS	
Consult optional items.	



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A	Entre eixos	3.700mm / 4.200mm / 4.500mm
B	Comprimento total veículo	6.435mm / 6.935mm / 7.235mm
C	Largura (Face ext. pneus) Eixo Dianteiro	2.123 mm
D	Largura (Face ext. pneus) Eixo Traseiro	2.151mm
E	Bitola dianteira	1.887mm
F	Bitola traseira	1.664mm
G	Balanço dianteiro	1.030mm
H	Balanço traseiro	1.705mm