

CHASSIS MA 9.2

SAFETY, COMFORT AND PERFORMANCE TOGETHER.

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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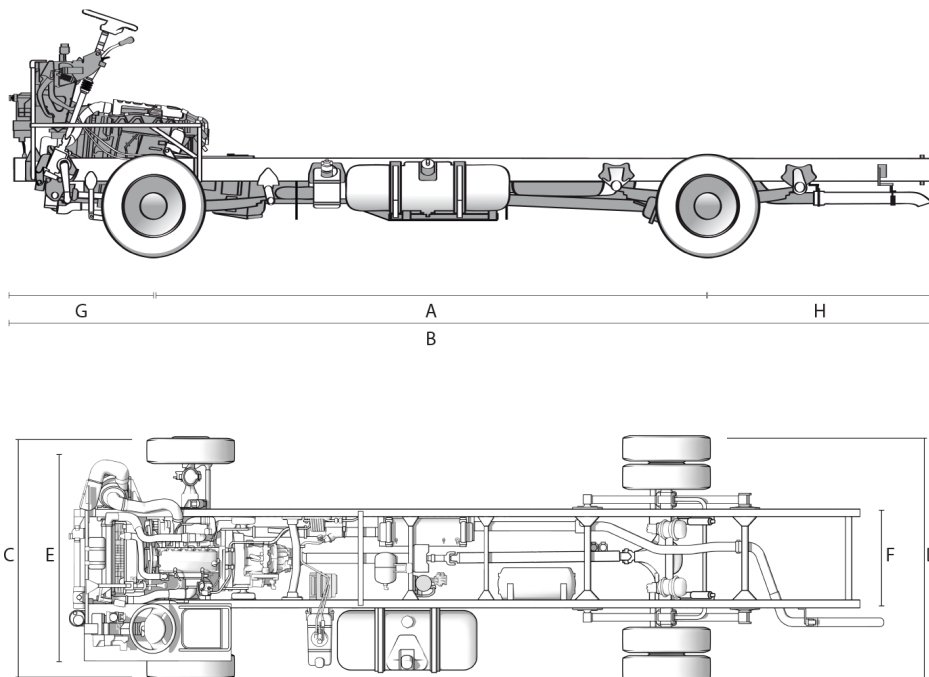
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ENGINE	
Make/model	CUMMINS ISF 3.8
Maximum Power	162cv(119 kw) a 2600rpm
Maximum Torque	600 Nm a 1300 -1700 rpm
No. of Cylinders/Displacement	4 cil 3760 cm
Emissions control	Gases Post-treatment by Selective Catalytic Reduction (SCR)
Aspiration	Turbocharged with two-stage turbo
Electronic Injection	COMMON RAIL
ELECTRIC SYSTEM	
Tension	24 V
Battery	12 V/100 Ah
Alternator	28V-150 Ah
DRIVING TRANSMISSION	
Gearbox	ZF S5 580 BO
No. of Gears	5 forward / 1 reverse
Disc's Outer Diameter	362 mm
AXLE	
Front axle	SIFCO CO 9874
Rear axle	MERITOR 13-113
Standard reduction ratio	4,30 : 1
Optional reduction ratio	4,10 / 4,56 / 4,78 / 5,38 :1
THEORETICAL PERFORMANCE	
Maximum Speed	107 Km/h (NS) 113 Km/h / 101 Km/h / 97 Km/h / 86 Km/h (OPC)
Climb on Ramp in TGW	40% (NS) 37,7% / 42,9% / 45,5% / 54%(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	9.200 Kg
Kerb weight	2.730 Kg / 2.855 Kg
Effective Load + Body	6.470 Kg / 6.345 Kg
Maximum Load of Front Axle	3.200 Kg
Maximum Load of Rear Axle	6.000 Kg
OPTIONAL ITEMS	
Consult optional items.	



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A	Entre eixos	4.200mm/4.500mm
B	Comprimento total veículo	7.100mm/7.465mm
C	Largura (Face ext. pneus) Eixo Dianteiro	2.123mm
D	Largura (Face ext. pneus) Eixo Traseiro	2.133mm
E	Bitola dianteira	1.872mm
F	Bitola traseira	1.647mm
G	Balanço dianteiro	1.150mm
H	Balanço traseiro	1.750mm/1.815mm