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.
CHASSIS MA 8.7

ENGINE
Make/model: CUMMINS ISF 3.8
Maximum Power: 152 cv (111,8 kW) @ 2600 rpm
Maximum Torque: 450 Nm / 1100 - 1900 rpm
No. of Cylinders/Displacement: 4 / 3.760 cm³
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 (02 unidades)
Alternator: 28 V/110 A

DRIVING TRANSMISSION
Gearbox: EATON FSO 4505 C
No. of Gears: 5 a frente/1 a ré
Type of Clutch: Orgânica - Monodisco a seco c/ acionamento hidraulico
Disc’s Outer Diameter: 330 mm

AXLE
Front axle: DANA 3.2T
Type: Viga I em aço forjado
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

CHASSI
Front Suspension: Molas parabólicas
Rear Suspension: Molas semi-elipticas de duplo estágio
Front/Rear Shock Absorbers: Telescópicos de dupla ação

BRAKES
Drive/Performance: Válvula Moduladora/Freio traseiro
Service Braking: Tambor/ “S CAM” Pneumático Assistido Eletronicamente (ABS/EBD/ATC) com regulagem automática
Engine Brake: Eletro-pneumático/Tubo de escape
Parking Brakes: Spring brake 24

STEERING WHEEL
Type: Hidráulica
Model: ZF SERVOCOM 8090

FUEL SYSTEM
Fuel tank: 150 litros
Urea tank (Arla 32): 16 litros

SUPPLY CAPACITY
Fuel tank: 150 litros
Urea tank (Arla 32): 16 litros

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.

This literature is for the product information and illustration only, and Agrale, or the bidder, are able to offer its products with characteristics or different optional informed here in, valid for both, as final document for the offer. the Commercial Proposal celebrated by the legal representative of the company.

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