



**AGRALE MARRUÁ AM41 - VTNE 2½ Ton**  
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<b>BODY</b>	
Cab	Simplex - 3 lugares
Dump	Metallic 14 seats
<b>ENGINE</b>	
Make/Model	MWM ACTEON 4.12
Level of Emissions	PROCONVE P5 / EURO III
Emissions Control	Common Rail Electronic Injection
No. of Cylinders	4 in line
Displacement	4.748 cm³
Power	165 cv (121 kw) - 2200 RPM
Torque	600 Nm / 1.200 - 1.600 RPM
Fuel	Diesel
<b>ELECTRIC SYSTEM</b>	
Voltage	24 V
Batteries	2 x 12V / 100 Ah
Alternator	28 V/80 A
<b>CLUTCH</b>	
Type	Organic - Dry single disc
Disc's Outer Diameter	362 mm
Actuation	Air assisted hydraulically operated
<b>DRIVING TRANSMISSION</b>	
Make/Model	EATON FSO 4505 C
No. of Gears	5 Forward /1 Reverse
Reduction Ratio	1ª 5,78:1 / 2ª 2,73:1 / 3ª 1,63:1 / 4ª 1,00:1 / 5ª 0,770:1 / Reverse 5,26:1
<b>TRANSFER CASE</b>	
Model	Fabco TC-28A Manual / Double Speed (Reduced) Push Button on Dashboard
Ration	2,22 : 1 / 1 : 1
<b>CHASSI</b>	
Type	Ladder Chassis - LNE 38
Length/Width	6.610 x 865 mm
<b>SUSPENSION</b>	
Front	Satellite Dish Springs and Stabilizer Bar
Rear	Semi-Elliptic Springs and Stabilizer Bar
Front/Rear Shock Absorbers	Double-Acting Telescopic
<b>TRACTION AXLE</b>	
Front	Fabco FSD-10A
Type - Front	Traction and directional floating axle
Rear	Meritor MS-19145
Type - Rear	Eixo rígido em aço estampado

<b>THEORETICAL PERFORMANCE (BASED ON NS AND OPC RELATIONS)</b>	
Maximum Speed	96 km/h
Maximum Controlled Speed	4 km/h
Autonomy	600 km
Climb on Ramp in TGW	70%
Ignition on Ramp in TGW (Start Ability)	60%
<b>STEERING WHEEL</b>	
Model	ZF SERVOCOM 8095
Type	Hydraulic
Turning Circle (guide to guide)	11 m
<b>WHEELSETS</b>	
Model	7,5 x 22,5"
<b>TIRES</b>	
Model	275/80 R22,5"
<b>BRAKES</b>	
Service Brake - Type	Drum/ "S CAM" Pneumatic with Automatic Regulation
Actuation	Pneumatic Valve Treadle
Parking Brake - Type	Spring brake 24"
Actuation	Park Brake Valve/Rear Brake
<b>SUPPLY CAPACITY</b>	
Fuel Tank	150 L
Crankcase	8 L c/ filtro
Gearbox	4,6 L
Rear Differential - Volume	6,6 L
Front axle	6,15 L
Cooling liquid	16,5 L
<b>DIMENSIONS</b>	
Distance between axles	3.750 mm
Overall length	7.250 mm
Width (Outer tires) - Front Axle	2.160 mm
Width (Outer tires) - Rear axle	2.355 mm
Width between pants (cab)	2.150 mm
Width Mirror to Mirror	2.840 mm
Car's maximum height	3.270 mm
Minimum height from soil - Front Axle	330 mm
Minimum height from soil - Rear Axle	250 mm
Front gauge	1.880 mm
Approach Angle without Bull Bar	37º
Departure Angle	30º
Maximum ramp	60%
Maximum Side Inclination	30%
Wading depth without snorkel	1000 mm
Maximum degree	350 mm
Turning Circle (wall to wall)	11,2 m

<b>WEIGHTS AND CAPACITIES</b>	
TGW - Total Gross Weight	9.500 kg
MTC - Maximum Traction Capacity	15.500 kg
Kerb weight	7.000 kg
Load Capacity	2500 kg + Towing 2.500 kg (Cargo+Towing)
<b>FEATURES AND OPTIONAL</b>	
SAPA Set	NS
Acelerador Manual	NS
12 Poles Socket	NS
Heating System	OPC
Air Conditioner	OPC
Headrest	NS
Fog Lights	NS
Lights Protectors	NS
Running Boards	NS
Electric Wich	OPC
Dumpster canvas kit	NS
20L Gallon	NS (2 units)
Matte Green Color	NS
Bull Bar	NS
Inclinometer	OPC
GPS	OPC

NS (Normal Series) / OPC (Option) / NA (Non-Applicable) Marruá Militar



DEALER

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