



**AGRALE MARRUÁ AM11 VTL REC ½ Ton**





<b>BODY</b>	
Cab	3 seats   4 seats (optional)
<b>ENGINE</b>	
Make/Model	CUMMINS ISF 2.8
Level of Emissions	PROCONVE P5 / EURO III
Emissions Control	Electronic Injection
No. of Cylinders	4 in line
Displacement	2.799 cm3
Power	110 kW (150 hp) a 3.200 rpm
Torque	360 Nm 1.800 a 2.700 rpm
Fuel	Diesel
<b>ELECTRIC SYSTEM</b>	
Voltage	24V
Batteries	2 x 12V / 55 Ah
Alternator	24V / 80 A
<b>CLUTCH</b>	
Type	Organic - Dry single disc
Disc's Outer Diameter	300 mm
Actuation	Hydraulic
<b>DRIVING TRANSMISSION</b>	
Make/Model	EATON FS 4505E
No. of Gears	5 Forward / 1 Reverse
Reduction Ratio	1ª - 6,129 : 1   2ª - 2,829 : 1   3ª - 1,624 : 1   4ª - 1,000 : 1   5ª - 0,769 : 1   Ré 5,500 : 1
<b>TRANSFER CASE</b>	
Model	1 speed manual
Ration	(1:1)
<b>SUSPENSION</b>	
Front	Longitudinal bars and transversal bars with panhard bar
Rear	Longitudinal bars and transversal bars with panhard bar
Front/Rear Shock Absorbers	Telescopic double action
<b>TRACTION AXLE</b>	
Front	Agrale 8.9"
Type - Front	Floating - OPEN TYPE
Ratio - Front	4,56 : 1
Rear	DANA 70
Type - Rear	Floating axle with diferencial lock "Power Lock"
Ratio - Rear	4,56 : 1
<b>THEORETICAL PERFORMANCE (BASED ON NS AND OPC RELATIONS)</b>	
Maximum Speed	142 Km/h
Maximum Controlled Speed	4 km/h
Autonomy	800 Km
Climb on Ramp in TGW	68,1% (NS)
Ignition on Ramp in TGW (Start Ability)	40,5% (NS)
Power/Weight Ratio	50 CV / TON

<b>STEERING WHEEL</b>	
Model	TRW TAS 20 314
Type	Hydraulic
Turning Circle (wall to wall)	13,4 m
Turning Circle (guide to guide)	13,2 m
<b>WHEELSETS</b>	
Model	7.00 x 16"
<b>TIRES</b>	
Model	235/85 R16 ATR
<b>BRAKES</b>	
Service Brake - Type	Disc / Drum
Actuation	Hydraulic servo assisted
Parking Brake - Type	Pedal with cable
Actuation	Mechanic
<b>SUPPLY CAPACITY</b>	
Fuel Tank	100 L
Crankcase	8.5 with filter
Gearbox	4,6 L
Rear Differential – Volume	3,9 L
Front axle	2,1 L
Transfer Case	0,6 L
<b>DIMENSIONS</b>	
Distance between axles	2900 mm
Overall length	4715 mm
Width (Outer tires) - Front Axle	2025 mm
Width (Outer tires) - Rear axle	1978 mm
Width between pants (cab)	2145 mm
Width Mirror to Mirror	2530 mm
Car's maximum height	2290 mm
Minimum height from soil - Front Axle	235 mm
Minimum height from soil - Rear Axle	225 mm
Front gauge	1740 mm
Rear gauge	1693 mm
Approach Angle without Bull Bar	52º
Departure Angle	40º
Maximum ramp	60%
Maximum Side Inclination	30%
Wading depth without snorkel	600 mm
Maximum degree	350 mm
<b>WEIGHTS AND CAPACITIES</b>	
TGW - Total Gross Weight	3750 Kg
MTC - Maximum Traction Capacity	750 Kg
Kerb weight	3000 Kg
Load Capacity	750 Kg + Reboque 750 Kg (carga+reboque)
Maximum Load of Front Axle	1.620 Kg
Maximum Load of Rear Axle	1380 Kg

<b>FEATURES AND OPTIONAL</b>	
Montanha Brake	OPC
SAPA Set	NS
Acelerador Manual	OPC
7 Poles Socket	OPC
12 Poles Socket	OPC
Heating System	NS
Headrest	NS
Fog Lights	NS
Lights Protectors	NS
Running Boards	NS
Electric Wich	OPC
Canvas top kit - green	NS
20L Gallon	NS
Matte Green Color	NS
Camouflaged Color (Optional)	OPC
Kit Tire 7.50X16 8L PTT	OPC
Kit Tire LT 235/85 R16	OPC
Bull Bar	NS
Inclinometer	OPC
Mortar Chain	OPC
Remote Starting	OPC
GPS	OPC

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



DEALER

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