



**AGRALE MARRUÁ AM300**



<b>BODY</b>	
Cab	Simple   02 Seats
<b>ENGINE</b>	
Make/Model	Cummins ISF 2.8
Emissions Control	Aftertreatment - SCR
No. of Cylinders	4 in line   2.800 cm³
Power	110 kw (150 cv) a 3.200 RPM
Torque	360 Nm 1.800 a 2.700 RPM
Fuel	Diesel
<b>ELECTRIC SYSTEM</b>	
Voltage	12V
Battery	12V / 70 Ah
Alternator	12V / 120 A
<b>CLUTCH</b>	
Type	Organic - Dry sigle disc
Disc's Outer Diameter	300 mm
Actuation	Hydraulic
<b>DRIVING TRANSMISSION</b>	
Make/Model	EATON FSO 4505 E
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	Atlas 2 - Manual Two Speed velocidades 2:1 / 1:1
<b>SUSPENSION</b>	
Front	Longitudinal and transversal bars with panhard, and helicoidal springs
Rear	Rigid axle with anti-roll bar and semi elliptic springs
Front/Rear Shock Absorbers	Double action, Telescopic
<b>TRACTION AXLE</b>	
Front	DANA 44.3
Type - Front	Rigid axle floating - Open Type
Ratio - Front	4,09:1 (NS)
Rear	DANA M 286
Type - Rear	Rigid and floating axle with automatic differential blocking "Power Lock"
Ratio - Rear	4,10:1 (NS)
<b>THEORETICAL PERFORMANCE (BASED ON NS AND OPC RELATIONS)</b>	
Maximum Speed	145 Km/h (ratio 4,10:1)
Climb on Ramp in TGW	35%(1:1) / 60%(2:1) - (ratio 4,10:1)
Ignition on Ramp in TGW (Start Ability)	40% (ratio 4,10:1)

<b>STEERING WHEEL</b>	
Model	TRW TAS 20 314
Type	Hydraulic
<b>WHEELSETS</b>	
Model	17,5 X 6,0" - 06 holes
<b>TIRES</b>	
Model	215/75R17,5"
<b>BRAKES</b>	
Service Brake - Type	Disc (front)   Drum (rear)
Actuation	Hidráulico Hydrobuster with ABS/EBD
Parking Brake - Type	Rear actuation   Pedal with cab
<b>SUPPLY CAPACITY</b>	
Fuel Tank (Diesel S50)	100 L
Urea Tank (Arla 32)	16 L
Crankcase - Volume	5.5 L with filter
Gearbox - Volume	3,5 L
Rear Differential – Volume	3,9 L
Front axle - Volume	1,8 L
Cooling liquid - Volume	12 L
<b>DIMENSIONS</b>	
Distance between axles	3.700 mm
Overall length	5.656 mm (without bull bar) 5.692 mm (with bull bar - option) 6.194 mm (max length with body) 3.420 mm (max bed length )
Width (Outer tires) - Front Axle	1.790 mm
Width (Outer tires) - Rear axle	2.155 mm
Width between pants	2.070 mm (cabin)
Width Mirror to Mirror	2.520 mm
Car's maximum height	1.930 mm
Minimum height from soil - Front Axle	225 mm
Minimum height from soil - Rear Axle	210 mm
Front gauge	1.578 mm
Rear gauge	1.665 mm
Approach Angle	58º (without bullbar) / 54º (with bull bar -option)
Departure Angle	28 °
Maximum ramp	60%
Maximum Side Inclination	30%
Wading depth without snorkel	800 mm
Turning Circle (wall to wall)	16,7 m (wall to wall)
<b>WEIGHTS AND CAPACITIES</b>	
TGW - Total Gross Weight	6.000 Kg
MTC - Maximum Traction Capacity	9.000 Kg
Kerb weight	2.835 Kg (Front 1.520 kg   Rear 1.315 kg)
Load Capacity	3.165 Kg (load+bodywork)
Maximum Load of Front Axle	1.800 kg
Maximum Load of Rear Axle	4.200 kg

<b>FEATURES AND OPTIONAL</b>	
Heating System	NS
Air Conditioner	OPC
Headrest	NS
Fog Lights	OPC
Lights Protectors	NS
Running Boards	NS
Electric Wich	OPC
Electronic Recording Tachometer	OPC
Bull Bar	OPC
Skid Plate	NS
Snorkel	OPC
Electric Rearview	OPC
Electric Window Control	OPC
Electric Lock	OPC
Anti Theft System	OPC (*) Available as a set: Electric window, electronic lock e electric mirror
Multimedia Kit	OPC   with GPS, reverse camera and parking sensor
On-Board Computer	NS
Cruise Control	NS
Inclinometer	OPC
Tow coupling	OPC
Solid Painting	NS   White, Red, Black, Green e Beige Optional Colors on request

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



DEALER

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