

1. GENERAL INFORMATION

SPECIFICATIONS (MAXXER 300/MONGOOSE 300)

Model No.		LA60		
ATV Name & Type		MAXXER 300		
Overall length		1700 mm (68 in)		
Overall width		1050 mm (42 in)		
Overall height		1150 mm (46 in)		
Wheel base		1170 mm (46.8 in)		
Engine type		O.H.C.		
Displacement		270 cm ³ (16.2 cu-in)		
Fuel Used		92# nonleaded gasoline		
Dry weight	Front wheel	103 kg (226.6 lbs)		
	Rear wheel	102 kg (224.4 lbs)		
	Total	205 kg (451 lbs)		
Gross weight	Front wheel	110 kg (242 lbs)		
	Rear wheel	105 kg (231 lbs)		
	Total	215 kg (473 lbs)		
Tires	Front wheel	21*7-10		
	Rear wheel	20*11-9		
Ground clearance		130 mm (5.1 in)		
Engine	Starting system		Starting motor	
	Type		Gasoline, 4-stroke	
	Cylinder arrangement		Single cylinder	
	Combustion chamber type		Semi-sphere	
	Valve arrangement		O.H.C., chain drive	
	Bore x stroke		72.7 x 65.2 mm (2.9 x 2.608 in)	
	Compression ratio		10.3:1	
	Compression pressure		16 kgf/cm ² (1600 kPa, 227 psi)	
	Intake valve	Open	5° BTDC	
		Close	41° ABDC	
	Exhaust valve	Open	37° BBDC	
		Close	5° ATDC	
	Valve clearance (cold)	Intake	0.1 mm (0.004 in)	
		Exhaust	0.1 mm (0.004 in)	
	Idle speed		1600 rpm	
	Lubrication System	Lubrication type		Forced pressure & Wet sump
		Oil pump type		Inner/outer rotor type
		Oil filter type		Full-flow filtration
		Oil capacity		1.6 L (1.4 Imp qt, 1.7 US qt)
		Oil exchanging capacity		1.4 L (1.23 Imp qt, 1.48 US qt)
Cooling Type		Liquid cooling		

Fuel System	Air cleaner type & No		Sponge	
	Fuel capacity		13 L (2.73 Imp gal, 3.38 US gal)	
	Carburetor	Type		PTG
		Main jet NO.		98
Venturi dia.		φ22 mm (φ0.88 in)		
Throttle type		PISTON		
Electrical Equipment	Ignition System	Type		Full transistor digital ignition
		Ignition timing		5° BTDC/1500 rpm
		Spark plug		DPR7EA-9
	Spark plug gap		0.6~0.7 mm (0.002~0.003 in)	
Battery	Capacity		12V12AH	
Drive System	Clutch Type		Dry, centrifugal automatic	
	Clutch operation system		Automatic (V-belt)	
	Primary reduction system		Helical gear/spur gear	
	Secondary reduction system		Chain drive	
	Primary reduction ratio		26.5	
	Secondary reduction ratio		10.02	
Reverse ratio		50.9		
Moving Device	FR/RR tire rolling circumference		1675/1596 mm 67/63.8 in)	
	Tire pressure	Front	0.28 kgf/cm ² (28 kPa, 3.2 psi)	
		Rear		
	Turning angle	Left	40°	
Right		40°		
Brake system type	Rear	Disk brake		
	Front	Disk brake		
Suspension type	Front	Double wishbone		
	Rear	Link suspension		
Frame type			Steel tube frame	