

F4 BRUTALE 910 S	
ENGINE	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C.", radial valve
Total displacement	909.1 cc
Compression ratio	13:1
Starting	Electric
Bore x stroke	76.0 mm x 50.1 mm
Max. horse power - r.p.m. (at the crankshaft)	136 hp at 11,000 rpm - Limit 12,000 rpm
Max. torque - r.p.m.	70.8 ft.lb. at 7,900 rpm
Cooling system	Liquid cooled, oil cooler
Engine management system	"Weber Marelli" 1,6 M ignition - injection integrated system; induction discharge electronic ignition, "Multipoint" electronic injection
Clutch	Wet, multi - disc
Gear Box	Cassette gearbox; six speed, constant mesh
Primary drive	50/79
Gear ratio	
First gear: Speed*	13/38 65.5 mph at 12000 r.p.m.
Second gear: Speed*	16/34 90.1 mph at 12000 r.p.m.
Third gear: Speed*	18/32 107.7 mph at 12000 r.p.m.
Fourth gear: Speed*	20/30 127.6 mph at 12000 r.p.m.
Fifth gear: Speed*	22/29 145.2 mph at 12000 r.p.m.
Sixth gear: Speed*	19/23 159.6 mph at 12000 r.p.m.
Final velocity ratio 15x43	
ELECTRICAL EQUIPMENT	
Voltage	12 V
Alternator	650 W at 5000 r.p.m.
Battery	12 V - 9 Ah
DIMENSIONS AND WEIGHT	
Wheelbase	55.55 in.
Overall length	79.59 in.
Overall width	29.94 in.
Saddle height	31.72 in.
Min. ground clearance	5.32 in.
Trail	4.00 in.
Dry weight	407.9 lbs
Fuel tank capacity	5.0 gal. (reserve fuel: 1.06 gal.)
PERFORMANCE	
Maximum speed*	159.6 mph
FRAME	
Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy
FRONT SUSPENSION	
Type	"UPSIDE - DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload adjustment
Rod dia.	50 mm
Travel on leg axis	126 mm
REAR SUSPENSION	
Type	Progressive, single shock absorber with rebound and compression (High speed / Low speed) damping and spring preload
Single sided swing arm: materiale	Aluminium alloy
Wheel travel	120 mm
BRAKE	
Front brake	Double floating disc (Ø 310 mm) with steel braking band and steel flange
Front brake caliper	With 6 pistons (Ø 22.65 mm; Ø 25.4 mm; Ø 30.23 mm)
Rear brake	Single steel disc (Ø 210 mm)
Rear brake caliper	With 4 pistons (Ø 25.4 mm)
RIM	
Front: Material / size	Aluminium alloy 3.50 " x 17 "
Rear: Material / size	Aluminium alloy 6.00 " x 17 "
TYRES	
Front	120/65 - ZR 17 (56 W) or 120/70 - ZR 17 (56 W-58 W)
Rear	190/50 - ZR 17 (73 W) or 190/55 - ZR 17 (75 W)
FAIRING	
Material	Thermoplastic

* = Top speed attained on closed course.

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