

<b>F4 BRUTALE 910 R</b>	
<b>ENGINE</b>	
Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	55.4 cu. in.
Compression ratio	13:1
Starting	Electric
Bore x stroke	2.99 in. x 1.97 in.
Max. horse power - r.p.m. (at the crankshaft)	100.0 Kw (136 HP) at 11000 - Lim. 12000 r.p.m.
Max. torque - r.p.m.	96.0 Nm (9.8 Kgm) at 7900 r.p.m.
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	
<b>ELECTRICAL EQUIPMENT</b>	
Voltage	12V
Alternator	650 W at 5000 r.p.m.
Battery	12V - 9 Ah
<b>DIMENSIONS AND WEIGHT</b>	
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	4.16 Brit. gal. ( reserve fuel: 0.88 Brit. gal. )
<b>PERFORMANCE</b>	
Maximum speed*	159.6 mph
<b>FRAME</b>	
Type	CrMo Steel tubular trellis (TIG welded)
Rear swing arm pivot plates: material	Aluminium alloy
<b>FRONT SUSPENSION</b>	
Type	"UPSIDE - DOWN" telescopic hydraulic fork with rebound-compression damping and spring preload adjustment
Rod dia.	1.97 in. with carbonitriding
Travel on leg axis	5.07 in.
<b>REAR SUSPENSION</b>	
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	4.72 in.
<b>BRAKE</b>	
Front brake	Double floating disc (Ø 12.6 in.) with steel braking band and aluminium flange
Front brake caliper	Radial-type with 4 pistons (Ø 1.34 in.)
Rear brake	Single steel disc (Ø 8.27 in.)
Rear brake caliper	With 4 pistons (Ø 1.00 in.)
<b>RIM</b>	
Front: Material / size	Forged aluminium alloy 3.50 " x 17 "
Rear: Material / size	Forged aluminium alloy 6.00 " x 17 "
<b>TYRES</b>	
Front	120/70 - ZR 17 (58 W)
Rear	190/55 - ZR 17 (75 W)
<b>FAIRING</b>	
Material	Thermoplastic

\* = Top speed attained on closed course.

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