

F4RR

CONCEPT

ENGINE

Type	Four cylinder, 4 stroke, 16 valve
Timing system	"D.O.H.C", radial valve
Total displacement	998 cm ³ (60.9 cu. in.)
Compression ratio	13.4:1
Starting	Electric
Bore x stroke	79 mm x 50.9 mm (3.1 in. x 2.0 in.)
Max. horse power - r.p.m. (at the crankshaft)**	147.7 kW (198 HP) at 13400 r.p.m.
Max. torque - r.p.m.	114 Nm (11.6 kgm) at 9200 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Magneti Marelli IAW 7BM ignition - injection integrated system with Mikuni throttle body; Induction discharge electronic ignition; Sequential timed "Multipoint" electronic injection; Variable height intake ducts with Torque Shift System (TSS)
Clutch	Wet, multi-disc with mechanical anti-surgling device and Brembo radial master cylinder
Transmission	Cassette style; six speed, constant mesh
Primary drive	48/82
Gear ratio	
First gear: Speed*	14/37 134.1 km/h (83.3 mph) at 13700 r.p.m.
Second gear: Speed*	16/33 171.8 km/h (106.7 mph) at 13700 r.p.m.
Third gear: Speed*	18/31 205.8 km/h (127.8 mph) at 13700 r.p.m.
Fourth gear: Speed*	20/30 236.3 km/h (146.7 mph) at 13700 r.p.m.
Fifth gear: Speed*	22/29 268.9 km/h (167.0 mph) at 13700 r.p.m.
Sixth gear: Speed*	21/25 297.6 km/h (184.8 mph) at 13700 r.p.m.
Final drive ratio	15/41

ELECTRICAL EQUIPMENT

Voltage	12 V
Alternator	350 W at 5000 r.p.m.
Battery	12 V - 8.6 Ah

DIMENSIONS AND WEIGHT

Wheelbase	1430 mm (56.27 in.)
Overall length	2100 mm (82.63 in.)
Overall width	750 mm (29.51 in.)
Saddle height	830 mm (32.66 in.)
Min. ground clearance	115 mm (4.52 in.)
Trail	100,4 mm (3.93 in.)
Dry weight	185 kg (407.9 lbs.)
Fuel tank capacity	17 l (4.49 U.S. gal.)

PERFORMANCE

Maximum speed*	297.6 km/h (184.8 mph)
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FRAME

Type	CrMo Steel tubular trellis (TIG hand welded)
Rear swing arm pivot plates: material	Aluminium alloy- Adjustable swingarm pivot height

FRONT SUSPENSION

Type	UPSIDE - DOWN" Öhlins telescopic hydraulic fork with adjustable rebound-compression damping and external spring preload
Rod dia.	43 mm (1.69 in.)
Travel on leg axis	120 mm (4.72 in.)

REAR SUSPENSION

Type	Öhlins TTX Progressive, single shock absorber with rebound and compression damping and spring preload adjustment
Single sided swing arm: material	Aluminium alloy
Wheel travel	120 mm (4.72 in.)

BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and aluminium flange - radial master cylinder
Front brake caliper	Brembo radial-type, monobloc with 4 pistons Ø 34 mm (Ø 1.34 in.)
Rear brake	Single steel disc with Ø 210 mm (Ø 8.27 in.) dia.
Rear brake caliper	Nissin with 4 pistons - Ø 25.4 mm (Ø 1.00 in.)

WHEELS

Front: Material/size	Forged aluminium alloy 3,50 " x 17 "
Rear: Material/size	Forged aluminium alloy 6,00 " x 17 "

TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	190/55 - ZR 17 M/C (75 W)

FAIRING

Material	Thermoplastic
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CONTENTS

Steering damper	Öhlins - Adjustable damper
Rider's footrests	Adjustable height

RETAIL PRICE

Price VAT included	€ 23.200
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MATT PEARL WHITE

PASTEL RED/WHITE

* Top speed attained on closed course.

** Limited power versions available on demand.

Every country could have a price variation due to local import duties and taxes.