



ENGINE

Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C"
Total displacement	798 cm³ (48.68 cu. in.)
Compression ratio	13.3:1
Starting	Electric
Bore x stroke	79 mm x 54.3 mm (3.1 in. x 2.1 in.)
Max. power - r.p.m. (at the crankshaft)**	103 kW (140 hp) at 13.100 r.p.m.
Max. torque - r.p.m.	86 Nm (8.77 kgm) at 10.100 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVCS 2.0 (Motor & Vehicle Integrated Control System) with six injectors. Engine control unit Eldor EM2.0, throttle body full drive by wire Mikuni, pencil-coil with ion-sensing technology, control of detonation and misfire Torque control with four maps, Traction Control with eight levels of intervention MV EAS 2.0 (Electronically Assisted Shift up & down)
Electronic quick-shift	
Clutch	Wet, multi plate with slipper clutch
Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
Gear ratio	
First gear:	13/37
Second gear:	16/34
Third gear:	18/32
Fourth gear:	19/30
Fifth gear:	21/30
Sixth gear:	22/29
Final drive ratio	16/41

ELECTRICAL EQUIPMENT

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

DIMENSIONS AND WEIGHT

Wheelbase	1380 mm (54.30 in.)
Overall length	2060 mm (81.06 in.)
Overall width	825 mm (32.46 in.)
Saddle height	811 mm (31.91 in.)
Min. ground clearance	149 mm (5.86 in.)
Trail	95 mm (3.74 in.)
Dry weight	168 kg (370.4 lbs.)
Fuel tank capacity	16.6 l (4.39 U.S. gal.)



PEARL ICE WHITE /CARBON METALLIC BLACK

* 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.

PERFORMANCE

Maximum speed*	245.0 km/h (153.1 mph)
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FRAME

Type	ALS Steel tubular trellis
Rear swing arm pivot plates material	Aluminium alloy

FRONT SUSPENSION

Type	Marzocchi "UPSIDE DOWN" telescopic hydraulic fork in DLC treated aluminium, with red colour anodized fork legs and having rebound-compression damping and spring preload external and separate adjustment 43 mm (1.69 in.)
Fork dia.	43 mm (1.69 in.)
Fork travel	125 mm (4.92 in.)

REAR SUSPENSION

Type	Progressive Sachs, single shock absorber with rebound and compression damping and spring preload adjustment
Single sided swing arm material	Aluminium alloy
Wheel travel	125 mm (4.92 in.)

BRAKES

Front brake	Double floating disc with Ø 320 mm (Ø 12.6 in.) diameter, with steel braking disc and flange
Front brake caliper	Brembo radial-type, with 4 pistons Ø 32 mm (Ø 1.26 in.)
Rear brake	Single steel disc with Ø 220 mm (Ø 8.66 in.) dia.
Rear brake caliper	Brembo with 2 pistons - Ø 34 mm (Ø 1.34 in.)
ABS System	Bosch 9 Plus with RLM (Rear wheel Lift-up Mitigation)

WHEELS

Front: Material/size	With aluminium alloy spokes 3.50" x 17"
Rear: Material/size	With aluminium alloy spokes 6.00" x 17"

TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	200/50 - ZR 17 M/C (75 W)

FAIRING

Material	Thermoplastic - Carbon - Billet aluminium machined
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CONTENTS

Steering damper	Manually adjustable with 8 settings
Ergal Components	Brake and clutch levers - Frame and engine protection - foot peg kit - Fast release fuel cap Oil and brake fluid cap.
Carbon Components	Exhaust cover - license plate holder - air box covers - swingarm protection - instrument panel spoiler - front/rear mudguard - Air Extractor Sprocket cover - Upper chain guard with trapezoidal stitching
Saddle	