

# BRUTALE 675

## ENGINE

Type	Three cylinder, 4 stroke, 12 valve
Timing system	"D.O.H.C"
Total displacement	675 cm <sup>3</sup> (41.2 cu. in.)
Compression ratio	12.3:1
Starting	Electric
Bore x stroke	79 mm x 45.9 mm (3.1 in. x 1.8 in.)
Max. horse power - r.p.m. (at the crankshaft)**	81 kW (108.5 hp) at 12500 r.p.m.
Max. torque - r.p.m.	65 Nm (6.63 kgm) at 12000 r.p.m.
Cooling system	Cooling with separated liquid and oil radiators
Engine management system	Integrated ignition - injection system MVCS (Motor & Vehicle Integrated Control System) with three 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
Clutch	Wet, multi-disc with mechanical drive
Transmission	Cassette style; six speed, constant mesh
Primary drive	19/36
Gear ratio	
First gear:	1/14.493
Second gear:	1/10.821
Third gear:	1/9.053
Fourth gear:	1/8.040
Fifth gear:	1/7.274
Sixth gear:	1/6.712
Final drive ratio	16/43

## 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 (54.33 in.)
Overall length	2085 mm (82.09 in.)
Overall width	725 mm (28.54 in.)
Saddle height	810 mm (31.89 in.)
Min. ground clearance	160 mm (6.30 in.)
Trail	95 mm (3.74 in.)
Dry weight	167 kg (368.2 lbs.)
Fuel tank capacity	16.6 l (4.39 U.S. gal.) - 5 l (1.32 U.S. gal.) reserve

## PERFORMANCE

Maximum speed*	225.0 km/h (139.8 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
Fork dia.	43 mm (1.69 in.)
Fork travel	125 mm (4.92 in.)

## REAR SUSPENSION

Type	Progressive Sachs, single shock absorber with spring preload adjustment
Single sided swing arm material	Aluminium alloy
Wheel travel	119 mm (4.68 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.)

## WHEELS

Front: Material/size	Aluminium alloy 3.50 " x 17 "
Rear: Material/size	Aluminium alloy 5.50 " x 17 "

## TYRES

Front	120/70 - ZR 17 M/C (58 W)
Rear	180/55 - ZR 17 M/C (73 W)

## FAIRING

Material	Thermoplastic
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## RETAIL PRICE

Price GST included	<b>\$ 17,990</b>
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Also available in version EAS  
(Electronically Assisted Shift)

**\$ 18,990**



PEARL WHITE/MATT METALLIC GOLD

RED/SILVER

MATT MAGNO GREY/MATT ANTHRACITE

\* 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.