



Buell® 1125R MY08 Technical Specification:

All specifications are US approved and are subject to change after European Homologation

Engine

Type	Liquid cooled, 72° V-Twin
Displacement	1125 cc
Bore and Stroke	103 mm x 67.5 mm
Compression ratio	12.3:1
Fuel system	61 mm down draft DDFI III fuel injection
Exhaust	Tuned, tri-pass resonance chamber with integral helmholtz tuning and mass centralised mounting
Intake	Zero resistance air box
Power*	146 hp @ 9800rpm (EU Standard EC 95/1)
Torque*	82 ft. lb / 111 Nm @ 8000 rpm (EU Standard EC 95/1)
Lubrication	Dry sump

Chassis

Frame	Aluminum frame, fuel in frame
Wheelbase	1384 mm
Rake	21°
Trail	83.8 mm
Front fork	47 mm Showa® inverted fork with adjustable compression damping, rebound damping and spring preload
Rear shock	Showa® coil over monoshock with adjustable compression damping, rebound damping and spring preload
Suspension Travel	
<i>Front wheel</i>	120 mm
<i>Rear wheel</i>	127 mm
Front brake	ZTL ² -type brake, 8-piston, fixed caliper, 375 mm single sided, inside out, stainless steel, floating rotor
Rear brake	240 mm stainless steel, dual piston, direct mount caliper, fixed rotor
Front wheel	6-spoke ZTL™ cast aluminium, 3.5 in x 17 in
Rear wheel	6-spoke ZTL™ cast aluminium, 5.5 in x 17 in
Front tyre	Pirelli® Corsa III 120/70 ZR-17
Rear tyre	Pirelli® Corsa III 180/55 ZR-17
Lean Angle	
<i>Soft Contact: Right</i>	48°
<i>Soft Contact: Left</i>	48°
<i>Hard Contact: Right</i>	50°
<i>Hard Contact: Left</i>	50°

Fuel capacity	21.2 litres
Dry weight	170 kg
Seat height	775 mm
Overall length	1996 mm
Overall width	716 mm

Transmission

Type	Six speed straight cut gears
Ratio	(1) 2.46, (2) 1.75, (3) 1.38, (4) 1.17, (5) 1.04 (6) 1.00
Primary drive	Helical Gear, 0.544:1 ratio
Final drive	Reinforced Goodyear [®] Hibrex [®] belt with Flexten [®] Plus technology*, 2.593:1 ratio

Colours

Body	Midnight Black with Diamond Blue Frame
Wheels	Diamond Blue

Warranty

24 months (unlimited mileage)

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