



## **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*	European homologation specs to be confirmed
Torque*	European homologation specs to be confirmed
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 <sup>2</sup> -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 <sup>®</sup> Hibrex <sup>®</sup> belt with Flexten <sup>®</sup> 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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