

**DIMENSIONS**

Overall Length ⁵	77.80 in. (1976.12 mm)
Overall Width ⁷	29.30 in. (744.22 mm)
Seat Height ⁶	
Standard	27.50 in. (698.50 mm)
Low Profile	25.50 in. (647.70 mm)
Ground Clearance ⁵	3.88 in. (98.55 mm)
Rake ⁶ (steering head)	25.0°
Trail ⁶	3.40 in. (86.36 mm)
Wheelbase ⁵	55.00 in. (1397.00 mm)
Tires ³ (Dunlop [®]):	
Front	K330A 100/80-16 50s
Rear	K330 120/80-16 60s
Fuel Capacity	2.80 gal. (10.60L)
Reserve Fuel Capacity	0.55 gal. (2.08 L)
Fuel Economy ² (EPA urban/highway test)	69/73 mpg (3.41/3.22 L/100 km)
Weight:	
Dry Weight	360 lbs. (163.29 kg)
Gross Vehicle Weight Rating	780 lbs. (353.80 kg)
Load Capacity	390 lbs. (179.90 kg)

ENGINE

Engine	Air-cooled, 4-stroke, single cylinder
Valve Train	OHV, two valves per cylinder, hydraulic adjusting, self-adjusting
Bore x Stroke	3.50 in. x 3.12 in. (88.90 mm x 79.25 mm)
Displacement	30 cu. in. (492 cc)
Compression Ratio	9.2:1
Fuel Delivery	40 mm Keihin™ carburetor with auto fuel enricher system
Intake	Tuned, velocity expansion chamber
Exhaust	Tuned, tri-pass resonance chamber
Torque (North America per SAE J607)	30 ft. lbs. @ 3200 rpm (40.68 NM @ 3200 rpm)
Horsepower (North America per SAE J607)	34 hp @ 6500 rpm
Lubrication	Dry-sump
Oil Capacity	2 qts. (1.89 L)
Oil Filtration	Screw-on disposable element

DRIVETRAIN

Primary Drive	Chain, 1.676:1 (57/34) ratio
Final Drive ³	Kelvar [®] belt, 2.963:1 (80/27) ratio
Clutch	Wet, multi-plate
Transmission	5-speed, constant mesh
Gear Ratios:	
1st	2.688
2nd	1.850
3rd	1.433
4th	1.181
5th	1.000

CHASSIS⁴

Frame	Wide beam HSLA steel backbone frame with built-in oil reservoir, Uniplanar™ powertrain vibration isolation, Titanium color finish
Front Fork ³	37 mm Showa [®] conventional forks
Rear Shock ²	Showa [®] non-adjustable, gas-charged compression shock
Wheels:	Stardust Silver 5-spoke cast
Front	2.50 in. x 16 in. (63.50 mm x 406.40 mm)
Rear	2.75 in. x 16 in. (69.85 mm x 406.40 mm)
Brakes:	
Front	Dual piston, floating caliper, 320 mm, stainless steel, fixed rotor
Rear	Single piston, floating caliper, 220 mm, stainless steel, fixed rotor
Suspension Travel:	
Front Wheel	4.52 in. (114.81 mm)
Rear Wheel	4.09 in. (103.89 mm)

ELECTRIC

Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca (per Battery Council International Rating)
Charging	297W AC alternator, solid-state regulator/rectifier
Starting	1.2 kW electric with Bendix-type engagement
Lights (as per country regulation):	
Headlamp (Sealed Beam)	55-watt low beam, 60-watt high beam
Tail/Stop Lights	5W/21W
Turn Signal Lights	10W manual canceling

INSTRUMENTS

Instruments	Electronic speedometer with LED odometer and tripmeter; built-in LED indicator lamps for low oil pressure, high beam, turn signals, neutral
Clutch	Reduced clutch effort with shorter reach level
Shift Pedal	Fully adjustable shift pedal enables personalized fit
Body Panels	Molded-in color body panels resist dents/chips; most scratches easily buff out
Turn Signals	Flexible, resist damage
Under Seat Storage	Yes

COLORS⁴

Arctic White, Midnight Black

WARRANTY

Warranty	24 months (unlimited mileage)
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¹ Specifications for non-U.S. markets might differ. Buell reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws. Some models are not available in certain countries.

² Based on tests conducted under lab conditions per U.S. E.P.A. test procedures. Mileage will vary depending on personal riding habits, weather conditions, trip length, and vehicle condition.

³ Kelvar[®], Showa[®] and Dunlop[®] are registered trademarks of their respective owners.

⁴ Availability may vary from dealer to dealer, and is subject to change without notice.

⁵ Unladen, wet configuration (no rider, all fluids).

⁶ Laden, wet configuration (design rider, all fluids).

⁷ Without mirrors.