



DIMENSIONS	
Length	83.9 in. (2130 mm)
Overall Width	34.3 in. (870 mm)
Overall Height	45.1 in. (1145 mm)
Seat Height:	
• Laden ²	29.8 in. (757 mm)
• Unladen	30.1 in. (765 mm)
Ground Clearance	8.1 in. (205 mm)
Rake (steering head)	27°
Fork Angle	27°
Trail	3.9 in. (99 mm)
Wheelbase	59.4 in. (1510 mm)
Tires (Michelin® Scorcher™ "21" front and rear):	
• Front – Scorcher™ "21" Radial	120/70 R17 V
• Rear – Scorcher™ "21" Radial	160/60 R17 V
Fuel Capacity (warning light at approximately .8 gal.)	3.5 gal. (13.1 l)
Oil Capacity (w/filter)	3.3 qt. (3.1 l)
Coolant Capacity	1.4 qt. (1.3 l)
Weight:	
• As Shipped	505 lb. (229 kg)
• In Running Order	525 lb. (238 kg)
• Gross Vehicle Weight Rating	950 lb. (431 kg)
• Gross Axle Weight Rating	
• Front	350 lb. (159 kg)
• Rear	600 lb. (272 kg)
ENGINE	
Engine	Liquid-cooled, Revolution™ X V-Twin
Valves	Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder
Bore x Stroke	3.4 in. x 2.6 in. (85 mm x 66 mm)
Displacement	46 cu. in. (749 cc)
Compression Ratio	12.0:1
Fuel System ³	Mikuni Twin Port Fuel Injection, 42 mm bore
Air Cleaner	Fiber, washable
Exhaust	Black, 2-into-1
Lubrication System	Pressurized, wet sump

DRIVETRAIN	
Primary Drive	Gear, 36/68 ratio
Final Drive	Belt, 30/80 ratio
Clutch	Multi-plate, wet
Transmission	6-speed constant mesh spur gear
Gear Ratios (overall):	U.S.
• 1st	14.272
• 2nd	10.074
• 3rd	7.446
• 4th	6.006
• 5th	5.037
• 6th	4.533
CHASSIS	
Frame	Mild steel tubular frame; rectangular section backbone; stamped junctions; MIG welded
Swingarm	Mild steel, rectangular tube sections, stamped junctions; MIG welded
Front Forks	43 mm inverted (non-adjustable)
Rear Shocks	Twin tubular piggy-back shocks, externally mounted (pre-load adjustment only)
Wheels ⁴ :	Black, 7-Split Open Spoke Cast Aluminum
• Front	17 in. x 3.5 in. (432 mm x 89 mm)
• Rear	17 in. x 4.5 in. (432 mm x 114 mm)
Brakes:	
• Caliper Type	2-piston floated front and rear
• Rotor Type (diameter x width):	Uniform expansion rotors
• Front (dual)	11.8 in. x .24 in. (300 mm x 6 mm)
• Rear	11.8 in. x .24 in. (300 mm x 6 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.2 in. (132 mm)
• Rear Wheel	4.6 in. (117 mm)
PERFORMANCE	
Engine Torque ⁵ (per J1349):	
• North America	47 ft. lb. @ 4000 rpm (64 Nm @ 4000 rpm)
Lean Angle (per J1168):	
• Right	37.3°
• Left	40.2°
Fuel Economy ⁶ (Estimated City/Hwy)	54 mpg (4.4 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12-amp/hour, 225 cca
Charging	Three-phase, 35-amp system (24.5-amp at idle - 1350 rpm)
Starting	0.9 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 60-watt high beam
• Tail/Stop Lights (LED)	1W/5W
• Front Signal Lights (LED)	1W/5.5W
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning
• Rear Turn Signals (LED)	5.5W
Gauges	3.5 inch electronic speedometer with high beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, blade key ignition and fork lock, and locking gas cap
Electric Power Outlet	PAC Connector
WARRANTY	
Warranty ⁸	24 months (unlimited mileage)
Service Interval ⁹	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

¹ Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (VRSC™ models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.

² Measurement reflects 180 lb. (81.7 kg) operator weight.

³ Recommended 91 octane or higher fuel (R+M)/2.

⁴ Standard and optional wheels may vary by country and region.

⁵ Values shown are nominal. Performance may vary by country and region.

⁶ The combined fuel economy numbers were derived using a combination of estimated city and highway values. Fuel economy estimates are derived from US EPA exhaust emission certification data on a sample motorcycle from the corresponding family under ideal laboratory conditions. Your actual fuel economy will vary depending on your personal riding habits, road and driving conditions, vehicle condition and maintenance, tire pressure, vehicle configuration (parts and accessories), and vehicle loading (cargo, rider and passenger weight). Break-in mileage may vary.

⁷ North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

⁸ See motorcycle Owner's Manual for complete details.

⁹ Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.