



CVO™

CVO™ TRI GLIDE®

Model Specifications¹ FLHTCUTGSE

| DIMENSIONS | |
|--|--|
| Length | 105.1 in. (2670 mm) |
| Overall Width | 54.7 in. (1390 mm) |
| Overall Height | 52.4 in. (1330 mm) |
| Seat Height: | |
| • Laden ² | 25.9 in. (658 mm) |
| • Unladen | 28.1 in. (715 mm) |
| Ground Clearance | 5.1 in. (130 mm) |
| Rake (steering head) | 26° |
| Fork Angle | 32° |
| Trail | 3.94 in. (100 mm) |
| Wheelbase | 65.7 in. (1670 mm) |
| Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear): | |
| • Front – D408F | 130/60B19 M/C 61H |
| • Rear – TK100 | P215/45R18 83T |
| Fuel Capacity | 6 gal. (22.7 l) |
| (warning light at approximately 1 gal.) | |
| Oil Capacity (w/filter) | 5 qt. (4.7 l) |
| Transmission Capacity | 1.1 qt. (1 l) |
| Primary Chain Case Capacity ³ | 1.1 qt. (1 l) |
| Coolant Capacity | .8 qt. (.75 l) |
| Weight: | |
| • As Shipped | 1239 lb. (563 kg) |
| • In Running Order | 1269 lb. (577 kg) |
| • Gross Vehicle Weight Rating | 1700 lb. (771 kg) |
| • Gross Axle Weight Rating | |
| • Front | 511 lb. (232 kg) |
| • Rear | 1188 lb. (539 kg) |
| Luggage Capacity: | |
| • Volume | 6.8 cu. ft. (0.19 m ³) |
| ENGINE | |
| Engine | Twin Cooled™ Milwaukee-Eight® 117 |
| Valves | Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder |
| Bore x Stroke | 4.075 in. x 4.5 in. (104 mm x 114 mm) |
| Displacement | 117 cu. in. (1923 cc) |
| Compression Ratio | 10.2:1 |
| Fuel System ³ | Electronic Sequential Port Fuel Injection (ESPFI) |
| Air Cleaner | Paper, washable |
| Exhaust | Chrome, 2-1-2 dual exhaust with slash cut mufflers |
| Lubrication System | Pressurized, dry-sump |

| DRIVETRAIN | |
|--|---|
| Primary Drive | Chain, 34/46 ratio |
| Final Drive | Belt, 30/70 ratio |
| Clutch | Hydraulically actuated 10 plate, wet Assist & Slip |
| Transmission | 6-Speed Cruise Drive® |
| Gear Ratios (overall): | U.S. |
| • 1st | 10.534 |
| • 2nd | 7.302 |
| • 3rd | 5.423 |
| • 4th | 4.392 |
| • 5th | 3.741 |
| • 6th | 3.157 |
| CHASSIS | |
| Frame | Mild steel, square-section backbone with twin downtubes |
| Swingarm | Mild steel, rectangular tube sections with plate junctions; MIG welded |
| Front Forks | Chrome, 49 mm Dual Bending Valve |
| Rear Shocks | Premium hand-adjustable emulsion rear suspension |
| Wheels ⁴ (Charcoal Grey with Contrast Satin Tomahawk option): | Gloss Black and Contrast Clear Tomahawk |
| • Front | 19 in. x 3.5 in. (483 mm x 89 mm) |
| • Rear | 18 in. x 7 in. (457 mm x 178 mm) |
| Brakes: | |
| • Caliper Type | Front: 32mm 4 piston fixed Rear: floating 36mm piston integrated park brake |
| • Rotor Type (diameter x width): | Dual floating rotors (front), fixed rotor (rear) |
| • Front (dual) | 11.8 in. x .2 in. (300 mm x 5.1 mm) |
| • Rear | 10.6 in. x .24 in. (270 mm x 6.1 mm) |
| • Anti-Lock Braking System | Standard |
| Suspension Travel: | |
| • Front Wheel | 4.6 in. (117 mm) |
| • Rear Wheel | 3 in. (76 mm) |
| PERFORMANCE | |
| Engine Torque ⁵ (per J1349): | |
| • North America | 125 ft. lb. @ 3750 rpm (170 Nm @ 3750 rpm) |
| Fuel Economy ⁵ (Estimated City/Hwy) | 40 mpg (5.9 l/100 km) |

| ELECTRIC | |
|--|---|
| Battery (per Battery Council International Rating) | Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca |
| Charging | Three-phase, 48-amp system (600W @13V, 2000 RPM, 625W max power @ 13V) |
| Starting | 1.6 kW electric with solenoid shift starter motor engagement |
| Lights (as per country regulation): | |
| • Headlamp | LED |
| • Tail/Stop Lights | LED |
| • Front Signal Lights | LED |
| • Indicator Lamps | High Beam, running lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, low fuel warning, reverse, park brake, fog/aux lamp indicator, traction control, security/fault indication, coolant temp, turn signal, ABS, TPMS |
| • Rear Turn Signals | LED |
| Gauges | Speedometer, tachometer, fuel, and voltage gauges; display features odometer, trip A, trip B, range to empty, gear indicator, and tire pressure |
| Auxiliary Lamps | LED fog |
| Electric Power Outlet | Electric power accessory port in fairing and Tour-Pak® |
| GPS System | Boom!™ Box 6.5GT audio system with GPS and touchscreen |
| Reverse Gear | Electric reverse actuated by handlebar mounted hand controls |
| WARRANTY | |
| Warranty ⁶ | 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.

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.