



2021 FLHTCUTGSE CVO™ TRI GLIDE®

DIMENSIONS

Notes

Length	105.1 in. (2,670 mm)	
Overall Width	54.7 in. (1,390 mm)	
Overall Height	52.4 in. (1,330 mm)	
Seat Height, Laden	25.9 in. (658 mm)	2
Seat Height, Unladen	28.1 in. (715 mm)	
Ground Clearance	5.1 in. (130 mm)	
Rake (steering head) (deg)	26	
Fork Angle (deg)	32	
Trail	3.94 in. (100 mm)	
Wheelbase	65.7 in. (1,670 mm)	
Tires, Type	Dunlop® Harley-Davidson Series, bias blackwall front and radial blackwall rear	
Tires, Front Model	D408F	
Tires, Front Specification	130/60B19 M/C 61H	
Tires, Rear Model	TK100	
Tires, Rear Specification	P215/45R18 83T	
Fuel Capacity	6 gal. (22.7 l)	
Reserve Fuel Capacity, Fuel Injection (warning light)	1 gal. (3.8 l)	
Oil Capacity (w/filter)	5 qt. (4.7 l)	
Transmission Capacity	1.1 qt (1.0 l)	
Primary Chain Case Capacity	1.1 qts (1.0 l)	
Coolant Capacity	0.8 qt. (0.75 l)	
Weight, As Shipped	1,239 lb. (563 kg)	
Weight, In Running Order	1,269 lb. (577 kg)	
Gross Vehicle Weight Rating	1,700 lb. (771 kg)	
Gross Axle Weight Rating, Front	511 lb. (232 kg)	
Gross Axle Weight Rating, Rear	1,188 lb. (539 kg)	
Luggage Capacity -Volume	6.8 cu ft (0.19 m3)	

ENGINE

Engine	Twin-Cooled™ Milwaukee-Eight™ 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore	4.075 in. (104 mm)
Stroke	4.5 in. (114 mm)

Displacement	117 cu in (1,923 cc)	
Compression Ratio	10.2:1	
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)	3
Air Cleaner	Paper, washable	
Exhaust	2-1-2 dual exhaust with slash cut tip	
Lubrication System	Pressurized, dry-sump	

DRIVETRAIN

Primary Drive	Chain, 34/46 ratio	
Final Drive	Belt, 30/70 ratio	
Clutch	Mechanically actuated 10 plate, wet Assist & Slip	
Transmission	6 Speed Cruise Drive	
Gear Ratios (overall) 1st	10.534	
Gear Ratios (overall) 2nd	7.302	
Gear Ratios (overall) 3rd	5.423	
Gear Ratios (overall) 4th	4.392	
Gear Ratios (overall) 5th	3.741	
Gear Ratios (overall) 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 Fork	49mm dual bending valve	
Rear Shocks	Hand-adjustable emulsion rear suspension	
Wheels, Front Type	Gloss Black and Contrast Clear Tomahawk	4
Wheels, Front Width	3.5 in. (89 mm)	
Wheels, Front Height	19 in. (483 mm)	
Wheels, Rear Type	Gloss Black and Contrast Clear Tomahawk	4
Wheels, Rear Width	7 in. (178 mm)	
Wheels, Rear Height	18 in. (457 mm)	
Brakes, Caliper Type	Front: 32mm 4 piston fixed, Rear: floating 36mm piston integrated park brake	
Brakes, Rotor Type	Dual floating rotors (front), fixed rotor (rear)	
Brakes, Front Diameter	11.8 in. (300 mm)	
Brakes, Front Thickness	0.2 in. (5.1 mm)	
Brakes, Front is dual	Yes	
Brakes, Rear Diameter	10.6 in. (270 mm)	
Brakes, Rear Thickness	0.24 in. (6.1 mm)	
Brakes, Anti-Lock Braking System (ABS)	Standard	
Suspension Travel, Front	4.6 in. (117 mm)	
Suspension Travel, Rear	3 in. (76 mm)	

PERFORMANCE

Engine Torque Testing Method	J1349
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Engine Torque	125 ft-lb (170 Nm)	5
Engine Torque (rpm)	3,750	
Lean Angle Testing Method	N/A	
Lean Angle, Right (deg.)	N/A	
Lean Angle, Left (deg.)	N/A	
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	40 mpg (5.9 l/100 km)	6

ELECTRIC

Battery	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca (per battery Council International Rating)	
Charging	Three Phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)	
Starting	1.6kW electric with solenoid shift starter motor engagement	
Lights (as per country regulation), Headlamp	LED	
Lights (as per country regulation), Tail/Stop	LED	
Lights (as per country regulation), Front Signal Lights	LED	
Lights (as per country regulation), 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	7
Lights, 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 Tourpak	
GPS System	Boom!™ Box 6.5GT audio system with GPS and touchscreen	
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls	

WARRANTY AND SERVICE

Warranty	24 months (unlimited mileage)	8
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	9

FOOTNOTES

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.