

MODEL YEAR 2024 | CVO™ ROAD GLIDE ST

Dimensions	FLTRXSTSE CVO™ Road Glide ST	Notes
Length	94.9 in. (2,410 mm)	
Overall Width	36.4 in. (925 mm)	
Overall Height	50.4 in. (1,280 mm)	
Seat Height, Laden	26.7 in. (678 mm)	2
Seat Height, Unladen	28.3 in. (720 mm)	
Static Ground Clearance	5.1 in. (130 mm)	
Rake (steering head) (deg)	26	
Fork Angle (deg)	30	
Trail	6.7 in. (170 mm)	
Wheelbase	64 in. (1,625 mm)	
Tires, Type	Dunlop® Harley-Davidson Series, bias blackwall front and rear	
Tires, Front Model	D408F	
Tires, Front Specification	130/60B19 M/C 61H	
Tires, Rear Model	D407T	
Tires, Rear Specification	180/55B18 M/C 80H	
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 qt. (.95 l)	
Primary Chain Case Capacity	1.1 qts. (1 l)	
Coolant Capacity	0.82 qt. (0.78 l)	
Weight, As Shipped	800 lb. (363 kg)	
Weight, In Running Order	838 lb. (380 kg)	
Gross Vehicle Weight Rating	1,360 lb. (617 kg)	
Gross Axle Weight Rating, Front	500 lb. (227 kg)	
Gross Axle Weight Rating, Rear	927 lb. (420 kg)	
Luggage Capacity -Volume	2.42 cu ft (0.069 m3)	

Engine	FLTRXSTSE CVO™ Road Glide ST	Notes
Engine	Milwaukee-Eight® 121 High Output	
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder	
Bore	4.075 in. (103.5 mm)	
Stroke	4.625 in. (117.5 mm)	
Displacement	121 cu in (1,977 cc)	
Compression Ratio	11.4:1	
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)	3
Air Cleaner	Synthetic Felt, Washable	
Exhaust	2-1-2 dual exhaust, Titanium mufflers with carbon fiber end caps	
Lubrication System	Pressurized, dry-sump	

Drivetrain	FLTRXSTSE CVO™ Road Glide ST	Notes
Primary Drive	Chain, 34/46 ratio	
Final Drive	Belt, 30/68 ratio	
Clutch	Mechanically actuated 10 plate, wet Assist & Slip	
Transmission	6-Speed Cruise Drive®	
Gear Ratios	10.233	
Gear Ratios	7.093	
Gear Ratios	5.268	
Gear Ratios	4.266	
Gear Ratios	3.635	
Gear Ratios	3.067	

Chassis	FLTRXSTSE CVO™ Road Glide ST	Notes
Frame	Mild steel; tubular frame, two-piece stamped and welded backbone; cast and forged junctions; twin down tubes; bolt-on rear frame with forged fender supports; MIG welded	

Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded	
Front Fork	47 mm Inverted 1x1 Front Forks with adjustable preload, compression damping and rebound damping	
Rear Shocks	Emulsion suspension with adjustable preload, compression damping and rebound damping	
Wheels, Optional Style Type	N/A	4
Wheels, Front Type	Black, 7-spoke Cast Aluminum	4
Wheels, Front Diameter	19 in. (483 mm)	
Wheels, Front Width	3.5 in. (89 mm)	
Wheels, Rear Type	Black, 7-spoke Cast Aluminum	4
Wheels, Rear Diameter	18 in. (457 mm)	
Wheels, Rear Width	5 in. (127 mm)	
Brakes, Caliper Type	32 mm, 4-piston fixed dual radially mounted front, and single axially mounted rear	
Brakes, Rotor Type	Wave Style, dual floating rotors (front), fixed rotor (rear)	
Brakes, Front Diameter	12.6 in. (320 mm)	
Brakes, Front Thickness	0.18 in. (4.5 mm)	
Brakes, Front is dual	Yes	
Brakes, Rear Diameter	11.8 in. (300 mm)	
Brakes, Rear Thickness	0.28 in. (7.1 mm)	
Brakes, Anti-Lock Braking System (ABS)	Standard	
Suspension Travel, Front	4.6 in. (117 mm)	
Suspension Travel, Rear	3 in. (76 mm)	

Performance	FLTRXSTSE CVO™ Road Glide ST	Notes
Engine Torque Testing Method	J1349	
Engine Torque	145 ft-lb (197 Nm)	5
Engine Torque	4000	
Power	127 HP / 95 kW @ 4900 rpm	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	33	
Lean Angle, Left (deg.)	32	
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	44 mpg (5.3 l/100 km)	6

CO ₂ Emissions Testing Method	N/A	
CO ₂ Emissions	N/A	

Electric	FLTRXSTSE CVO™ Road Glide ST	Notes
Battery	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca (per Battery Council International Rating)	
Charging	Three-phase, 58-amp system (754W max power @ 13V)	
Starting	1.6 kW 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, Rear Turn Signals	LED	
Gauges	Digital gauges integrated within the display	
Auxiliary Lamps	N/A	
Electric Power Outlet	15 Watt USB-C electric power accessory port in media storage box.	
GPS System	Yes, imbedded navigation system with real-time traffic and weather via Wi-Fi Hotspot	
Reverse Gear	N/A	

Warranty And Service	FLTRXSTSE CVO™ Road Glide ST	Notes
Warranty	24 months (unlimited mileage)	7
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	8

Footnotes	FLTRXSTSE CVO™ Road Glide ST	
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	

	<p>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.</p>	
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	See motorcycle owner's manual for complete details.	
8	Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.	