



MODEL YEAR 2025 | 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, Laden (Low seat position)		
Seat Height, Laden (High seat position)		
Seat Height, Laden (Low seat position with optional ARH suspension)		
Seat Height, Laden (High seat position with optional ARH suspension)		
Seat Height, Unladen	28.3 in. (720 mm)	
Seat Height, Unladen (Low seat position)		
Seat Height, Unladen (High seat position)		
Seat Height, Unladen (Low seat position with optional ARH suspension)		
Seat Height, Unladen (High seat position with optional ARH suspension)		
Static Ground Clearance	5.1 in. (130 mm)	
Dynamic Ground Clearance (with optional suspension)		
Rake (steering head)	26	
Fork Angle	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 (overall) 1st	10.233	

Gear Ratios (overall) 2nd	7.093	
Gear Ratios (overall) 3rd	5.268	
Gear Ratios (overall) 4th	4.266	
Gear Ratios (overall) 5th	3.635	
Gear Ratios (overall) 6th	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	
Front Fork, Optional		
Rear Shocks	Emulsion suspension with adjustable preload, compression damping and rebound damping	
Rear Shocks, Optional		
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)	
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Performance	FLTRXSTSE CVO™ Road Glide® ST	Notes
Engine Torque Testing Method	J1349	
Engine Torque	145 ft-lb (197 Nm)	5
Engine Torque (rpm)	4,000	
Power	127 HP / 95 kW @ 4900 rpm	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	32	
Lean Angle, Left (deg.)	32	

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	

Fuel Economy & CO ₂ Emissions	FLTRXSTSE CVO™ Road Glide® ST	Notes
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Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	44 mpg (5.3 l/100 km)	

Infotainment	FLTRXSTSE CVO™ Road Glide® ST	Notes
Infotainment system	Skyline™ OS	
Screen Size	12.3 in (312 mm)	
Type	Full Color TFT	
Watts Per Channel	125	
Speakers	4	
Speaker Size	Two 6.5in fairing speakers, and two 5x7in saddlebag speakers	
Headset Specifications (if equipped)	Harley-Davidson Packtalk Edge wireless Bluetooth® headset	
AM	Standard	
FM	Standard	
MW	N/A	
LW	N/A	
Weather Band (WB)	N/A	
SD Card, Flash Drive and MP3 - via USB Connection	Supported	
Hands-free Mobile Phone - via Bluetooth	Standard	
Voice Recognition Languages: Phone functions only	Phone dependent	
Rider/Passenger Intercom	Standard (Passenger Headset Sold Separately)	
Vehicle Information Screen (Air temperature, oil pressure and EITMS)	Standard	
Text-to-Speech (TTS) Languages	Phone dependent	
USB	USB-C/MTP/iPod/iPhone, any device with proper adapters to the electric power outlet located in the inner fairing storage.	
Phone Connectivity	Apple CarPlay (wireless or wired)	
Bluetooth	Phone/Media Player, Headset	
Navigation - via Bluetooth		

Rider Safety Enhancements	FLTRXSTSE CVO™ Road Glide® ST	Notes
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Anti-lock Brake System (ABS)	Included	
Electronic Linked Braking (ELB)	Included	
Traction Control System (TCS)	Included	
Drag-torque Slip Control System (DSCS)	Included	
Vehicle Hold Control (VHC)	Included	
Tire Pressure Monitoring System (TPMS)	Included	
Wheel Lift Mitigation	N/A	

Cornering Rider Safety Enhancements	FLTRXSTSE CVO™ Road Glide® ST	Notes
Cornering Enhanced Anti-lock Brake System (C-ABS)	Included	
Cornering Enhanced Electronic Linked Braking (C-ELB)	Included	
Cornering Enhanced Traction Control System (C-TCS)	Included	
Cornering Drag-Torque Slip Control System (C-DSCS)	Included	
Enhanced Lift Mitigation	N/A	

Warranty And Service	FLTRXSTSE CVO™ Road Glide® ST	Notes
Warranty	24 months (unlimited mileage)	6
Service Interval	First 1,000 miles (1,600 km), every 5,000 miles (8,000 km) thereafter	7

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

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