

# FLSTSE<sup>3</sup> CVO™ SOFTAIL® CONVERTIBLE

## MODEL SPECIFICATIONS<sup>1</sup>



DIMENSIONS	
Length	<b>94.9 in.</b> (2410 mm)
Overall Width	<b>35.8 in.</b> (909 mm)
Overall Height	<b>52.7 in.</b> (1290 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>24.4 in.</b> (620 mm)
• Unladen	<b>26.2 in.</b> (665 mm)
Ground Clearance	<b>4.3 in.</b> (109 mm)
Rake (steering head)	<b>32°</b>
Fork Angle	<b>31°</b>
Trail	<b>5.8 in.</b> (147 mm)
Wheelbase	<b>64.2 in.</b> (1631 mm)
Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear):	
• Front – D408	130/70R18 63V
• Rear – D407	200/50R18 76V
Fuel Capacity	<b>5.0 gal.</b> (18.9 L)
(warning light at approximately 1.0 gal.)	
Oil Capacity (w/filter)	<b>3.0 qts.</b> (2.8 L)
Transmission Capacity	<b>1.0 qt.</b> (.95 L)
Primary Chain Case Capacity	<b>1.0 qt.</b> (1.3 L)
Weight:	
• As Shipped	<b>761 lbs.</b> (345.2 kg)
• In Running Order	<b>788 lbs.</b> (357.4 kg)
• Gross Vehicle Weight Rating	<b>1160 lbs.</b> (526.2 kg)
• Gross Axle Weight Rating:	
• Front	<b>430 lbs.</b> (195.0 kg)
• Rear	<b>730 lbs.</b> (331.1 kg)
ENGINE	
Engine	Air-cooled, Twin Cam 110B™
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two-valves per cylinder
Bore x Stroke	<b>4 in. x 4.38 in.</b> (101.6 mm x 111.3 mm)
Displacement	<b>110 cu. in.</b> (1802 cc)
Compression Ratio	9.15:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with chrome cover, fiberglass media, washable exposed element with rain sock
Lubrication System	Pressurized, dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Hydraulically actuated, 9-plate wet, with high-performance spring
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast and forged junctions; MIG welded; color coordinated with vehicle
Swingarm	Mild steel tube sections; forged junctions; MIG welded; color coordinated with vehicle
Front Forks	41.3 mm telescopic, chrome upper fork-slider covers
Rear Shocks	Hidden, horizontal-mounted, coil-over
Wheels:	Mirror Chrome Stinger™ Custom Wheels
• Front	<b>18 in. x 3.5 in.</b> (457 mm x 89 mm)
• Rear	<b>18 in. x 6 in.</b> (457 mm x 152 mm)
Brakes:	
• Caliper Type	4-piston fixed front; 2-piston floating rear
• Rotor Type	Single floating Stinger™ waved rotor
(diameter x width):	
• Front	<b>11.5 in. x .2 in.</b> (292 mm x 5 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 6 mm)
• Anti-lock Braking System	Standard
Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>3.3 in.</b> (84 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>105 ft. lbs. @ 2750 RPM</b> (142.359 Nm @ 2750 RPM)
Lean Angle (per J1168):	
• Right	<b>26°</b>
• Left	<b>26°</b>
Fuel Economy <sup>6</sup>	<b>45 mpg</b> (5.2 L/100 km)
(EPA urban/highway test)	

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 19-amp/hour, 315 cca
Charging	Three-phase, 38-amp system (439W @ 13V, 2000 RPM, 489W max power @ 13V)
Starting	1.4kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (quartz halogen)	55-watt low beam, 60-watt high beam
• Rear Tail/Stop Lights	8W/28W self-canceling
• Front Signal Lights	8W/28W self-canceling
• Indicator Lamps	High-beam, neutral, low oil pressure, turn signals, engine diagnostics, security system <sup>7</sup> , 6-speed, low fuel warning, cruise control, ABS
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First <b>1000 miles</b> (1600 km), every <b>5000 miles</b> (8000 km) thereafter

<sup>1</sup> 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 (V-Rod® 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.

<sup>2</sup> Measurement reflects **180 lb.** (81.7 kg) operator weight.

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

<sup>4</sup> Standard and optional wheels may vary by country and region.

<sup>5</sup> Values shown are nominal. Performance may vary by country and region.

<sup>6</sup> 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.

<sup>7</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

<sup>8</sup> See motorcycle owner's manual for complete details.

<sup>9</sup> Inspections of certain systems and components are required at 2500 mile (4000 km) intervals. See Owner's Manual for full details.