



Make every day count

2008 Specifications¹ FXSTC Softail[®] Custom

Dimensions

Length (mm).....	2410
Seat Height (mm) ²	671
Ground Clearance (mm).....	130
Rake at steering head (°) / Trail (mm).....	32 / 127
Fork Angle.....	33.5°
Wheelbase (mm).....	1700
Fuel Capacity (litres).....	18.9
Oil Capacity w/filter (litres).....	2.8
Dry Weight (kg).....	303

Powertrain

Engine ³	Air-cooled, Twin Cam 96B™
Displacement (cu.cm).....	1584
Bore x Stroke (mm).....	95.3 x 111.1
Fuel System.....	Electronic Sequential Port Fuel Injection (ESPFI)
Compression Ratio.....	9.2:1
Exhaust System.....	Chrome, staggered shorty exhaust with dual mufflers

Wheels/Tyres

Tyres:	
Front.....	D402F MH90-21 54H
Rear.....	D407 200/55R17 78V
Wheels ⁴ :	
Front.....	21" Chrome aluminium profile laced
Rear.....	17" Slotted, forged polished aluminium disc

Drivetrain

Primary Drive.....	Chain, 34/46 ratio
Final Drive.....	Belt, 32/66 ratio
Clutch.....	9-plate, wet
Transmission.....	6-speed Cruise Drive™
Gear Ratios:	
1st.....	9.31
2nd.....	6.42
3rd.....	4.77
4th.....	3.93
5th.....	3.28
6th.....	2.79

Chassis

Brakes, Dia (Front/Rear, mm).....	292 / 292
Caliper Type.....	4-piston front and 2-piston rear
Front Fork.....	41.3mm telescopic, chrome dust covers
Rear Shocks.....	Hidden, horizontal-mounted, coil-over
Suspension Travel:	
Front (mm).....	142
Rear (mm).....	109
Frame.....	Mild steel tubular frame; rectangular section backbone; stamped, cast, and forged junctions; forged fender supports; MIG welded
Swingarm.....	Mild steel, round tube sections, forged junctions; MIG welded

Performance

Engine Torque (EU Standard EC95/1) ⁵	117 Nm / 86 ft lbs @ 3200 rpm
Lean Angle per SAE J1168 (Degrees Left/Right).....	31 / 34

Electrical

Charging.....	Three-phase, 38-amp system (439W @ 13V, 2000 rpm, 489W max power @ 13V)
Starting.....	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
Headlamp.....	Quartz Halogen, 55-watt low beam, 60-watt high beam
Tail/Stop Lights.....	5W/21W
Turn Signal Lights.....	21W self-canceling
Instruments.....	Tank-mounted electronic speedometer with odometer; Time-of-day clock; Dual resettable tripmeter
Indicator Lamps.....	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁶ , 6-speed, low fuel warnings

Colour Options⁷

Vivid Black; Black Pearl; Dark Blue Pearl; Candy Red Sunglo; Pacific Blue Pearl & Vivid Black; Crimson Red Sunglo & Candy Red Sunglo; 105th Anniversary Copper Pearl & Vivid Black

Model Features

Black powder-coated engine with chrome treatment covers; Chrome "horseshoe" oil tank with chrome external oil lines; Chrome, nostalgic fuel tank console; Chrome, bullet headlamp; Chrome, isolated riser; Forward-mounted rider footpegs; Standard passenger footpegs; Polished steel, "ape-hanger" handlebars; One-piece, two-up Softail[®] classic seat; Passenger backrest

Warranty

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

Footnotes

1. Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary by country and region depending on local laws. Some models are not available in certain countries.
2. Measurement reflects 81.7 kg operator weight.
3. Recommended 95 octane or higher fuel (R+M)/2. Standard and optional fuel systems may vary by country and region.
4. Standard and optional wheels may vary by country and region.
5. Values shown are nominal. Performance may vary by country and region.
6. Security system includes immobiliser and siren.
7. Availability of colours may vary from dealer to dealer and is subject to change without further notice.
8. See motorcycle owner's manual for complete details.
9. Inspections of certain systems and components are required at 1,000 mile (1,600 km) intervals.