



Make every day count

2008 Specifications¹ FXCW Softail[®] Rocker[™]

Dimensions

Length (mm).....	2420
Seat Height (mm) ²	622
Ground Clearance (mm).....	130
Rake at steering head (°) / Trail (mm).....	36.5 / 157
Fork Angle.....	37.5°
Wheelbase (mm).....	1760
Fuel Capacity (litres).....	18.9
Oil Capacity w/filter (litres).....	3.3
Dry Weight (kg).....	300

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.....	D401F 90/90-19
Rear.....	D407 240/40R18
Wheels ⁴ :	
Front.....	19" Stainless steel satin powdercoat paint, 5-spoke cast aluminium
Rear.....	18" Stainless steel satin powdercoat paint, 5-spoke cast aluminium

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.....	49mm telescopic
Rear Shocks.....	Hidden, horizontal-mounted, coil-over
Suspension Travel:	
Front (mm).....	127
Rear (mm).....	86
Frame.....	Mild steel tubular frame; rectangular section backbone; stamped, cast, and forged junctions; forged fender supports; MIG welded
Swingarm.....	Mild steel, elliptical 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).....	29.5 / 32.5

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.....	Integrated LED
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; Pacific Blue Pearl; Crimson Red Sunglo

Model Features

Silver powder-coated engine; Custom finned cast aluminium "horseshoe" oil tank with chrome external oil lines; Painted, stretch low profile tank console; Fire-truck inspired bullet headlamp; Bullet style LED turn signals; Adjustable, V-bar riser; Forward-mounted rider footpegs; Stainless steel, pull-back, internally-wired handlebars; Lowest seat height of all Harley-Davidson[®] motorcycles

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.