



Make every day count

2008 Specifications¹ FLHRSE⁴ Screamin' Eagle[®] Road King[®]

Dimensions

Length (mm).....	2380
Seat Height (mm) ²	668
Ground Clearance (mm).....	140
Rake at steering head (°) / Trail (mm).....	26 / 157
Fork Angle.....	29.3°
Wheelbase (mm).....	1610
Fuel Capacity (litres).....	22.7
Oil Capacity w/filter (litres).....	3.8
Dry Weight (kg).....	342

Powertrain

Engine ³	Air-cooled, Twin Cam 110™
Displacement (cu.cm).....	1800
Bore x Stroke (mm).....	101.6 x 111.3
Fuel System.....	Electronic Sequential Port Fuel Injection (ESPFI)
Compression Ratio.....	9.3:1
Exhaust System.....	Chrome, touring cross-over duals

Wheels/Tyres

Tyres:	
Front.....	D407 130/70R18 63H
Rear.....	D407 170/60R17 78H
Wheels ⁴ :	
Front.....	18" Chrome, Road Winder™ forged aluminium
Rear.....	17" Chrome, Road Winder™ forged aluminium

Drivetrain

Primary Drive.....	Chain, 34/46 ratio
Final Drive.....	Belt, 32/66 ratio
Clutch.....	Hydraulically actuated, 9-plate, wet with heavy duty spring
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 dual / 292
Caliper Type.....	4-piston front and rear
Front Fork.....	41.3mm telescopic
Rear Shocks.....	Lowered, air-adjustable
Suspension Travel:	
Front (mm).....	117
Rear (mm).....	53
Frame.....	Mild steel, square-section backbone with twin downtubes
Swingarm.....	Mild steel, rectangular tube sections, stamped junctions, MIG welded

Performance

Engine Torque (EU Standard EC95/1) ⁵	147 Nm / 108 ft lb @ 3700 rpm
Lean Angle per SAE J1168 (Degrees Left/Right).....	28 / 31

Electrical

Charging.....	Three-phase, 50-amp system
.....	(585W @ 13V, 2000 rpm, 650W max power @ 13V)
Starting.....	1.4 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
Headlamp.....	Dual Bulb Halogen, 55-watt low beam, 35-watt high beam
Tail/Stop Lights.....	5W/21W
Turn Signal Lights.....	21W self-canceling
Instruments.....	Custom tank-mounted, spun aluminium, metal-faced
.....	electronic speedometer/tachometer; Odometer; Resettable
.....	tripmeter; Flush-mounted fuel gauge with LED indicators
Indicator Lamps.....	High beam, neutral, low oil pressure, engine diagnostics,
.....	turn signals, low fuel warnings, cruise control,
.....	security system ⁶ , battery, 6-speed and ABS

Colour Options⁷

Diamond Black & Silver Dust with Ghost Flames; Twilight Blue & Candy Cobalt with Ghost Flames; 105th Anniversary Crystal Copper & Black Diamond

Model Features

See your dealer for a complete list of model features

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.