



Make every day count

2008 Specifications¹ FXDSE² Screamin' Eagle[®] Dyna[®]

Dimensions

Length (mm).....	2350
Seat Height (mm) ²	673
Ground Clearance (mm).....	117
Rake at steering head (°) / Trail (mm).....	29 / 132
Fork Angle.....	29°
Wheelbase (mm).....	1615
Fuel Capacity (litres).....	18.9
Oil Capacity w/filter (litres).....	3.3
Dry Weight (kg).....	308

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, staggered shorty duals

Wheels/Tyres

Tyres:	
Front.....	D402F MH90-21
Rear.....	D407 170/60 R17 78H
Wheels ⁴ :	
Front.....	21" Chrome, slotted 6-spoke cast aluminium
Rear.....	17" Chrome, slotted 6-spoke cast aluminium

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:	
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.....	2-piston front and rear
Front Fork.....	43mm inverted forks; chrome fork tubes and triple clamps
Rear Shocks.....	Lowered with progressive rate springs; full chrome covers with hand-adjustable pre-load
Suspension Travel:	
Front (mm).....	150
Rear (mm).....	47
Frame.....	Mild steel tubular frame; rectangular section backbone; stamped, cast and forged junctions; forged fender supports; MIG welded; colour-matched to vehicle
Swingarm.....	Mild steel, rectangular tube sections, stamped junctions, MIG welded; colour matched to the vehicle

Performance

Engine Torque (EU Standard EC95/1) ⁵	135 Nm / 100 ft lb @ 4250 rpm
Lean Angle per SAE J1168 (Degrees Left/Right).....	33 / 30

Electrical

Charging.....	Three-phase, 40-amp max system (439W @ 13.5VDC, 2000 rpm, 540W Max Power @ 13.5VDC)
Starting.....	1.4 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.....	Spun-aluminium, metal-faced electronic speedometer/tachometer; Odometer; Time-of-day clock; Resettable tripmeter
Indicator Lamps.....	High beam, neutral, low oil pressure, turn signals, engine diagnostics, security system ⁶ , low fuel warnings, 6-speed

Colour Options⁷

Scarlet Red Pearl & Dark Crimson; Candy Cobalt & Midnight Blue; 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.