

HARLEY-DAVIDSON®

SPORTSTER®



Model shown with optional emergency equipment.

NEW IN 2021

- Limited 3 year, 60,000 mile factory warranty
- Police Duty Use only
- Fully Transferable
- Expires at 3 years or 60,000 miles, whichever comes first

DIMENSIONS

Length	86 in. (2185 mm)
Overall Width	33.5 in. (850 mm)
Overall Height	44.9 in. (1140 mm)
Seat Height	Laden¹ 25.7 in. (653 mm) Unladen 29.9 in. (760 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (<i>Steering Head</i>)	30°
Fork Angle	30°
Trail	4.6 in. (117 mm)
Wheelbase	59.6 in. (1515 mm)
Fuel Capacity (warning light at approximately 1 gal.)	3.3 gal. (12.5 L)
Weight	
• As Shipped	545 lb. (247 kg)
• In Running Order	564 lb. (256 kg)
• Gross Vehicle Weight Rating	1000 lb. (454 kg)
• Gross Axle Weight Rating	
- Front	335 lb. (152 kg)
- Rear	665 lb. (302 kg)

ENGINE

Engine	Air-Cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	3 in. x 3.811 in. (76.2 mm x 96.8 mm)
Displacement	53.9 cu. in. (883 cc)
Compression Ratio	9:1

PERFORMANCE

Engine Torque² (per J1349):

- North America **54 ft. lb. @ 3750 RPM**
(73 Nm @ 3750 RPM)

Lean Angle (per J1168):

- Right **27°**
- Left **28°**

Fuel Economy³ **51 mpg** (4.6 L/100 km)
(EPA estimate - combined MPG)

CHASSIS

Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Fork	39 mm
Rear Shocks	Coil-over; preload dual-adjustable
Wheels	Black 9-Spoke with Machined Highlights
• Front	19 in. x 2.15 in. (483 mm x 55 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes	
• Caliper Type	Dual-piston front; dual-piston rear
• Rotor Type (<i>diameter x width</i>):	
- Front	11.8 in. x 0.2 in. (300 mm x 5 mm)
- Rear	10.24 in. x 0.28 in. (260 mm x 7.1 mm)
• Anti-lock Braking System	Optional
Suspension Travel	
• Front Wheel	3.6 in. (92 mm)
• Rear Wheel	1.6 in. (41 mm)

1 Measurement reflects 180 lb. (81.7 kg) operator weight.
2 Values shown are nominal.

3 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.

Visit H-D.com/Police for additional specifications and available color options.