



2002 SPORTSTER SPECIFICATIONS¹: XL SPORTSTER 1200 CUSTOM

DIMENSIONS

Length	2245 mm
Seat Height (measure laden w/ 82 kg rider)	700 mm
Ground Clearance	159 mm
Rake	30.1 degrees
Trail	119.4 mm
Wheelbase	1510 mm
Tyres: Dunlop Harley-Davidson Series S/TD402/D401	
Front	MH90-21 54H
Rear	130/90B16 73H
Fuel Capacity	12.5 L
Reserve Fuel Capacity	1.9 L
Oil Capacity	2.8 L
Empty Weight	245 kg

ENGINE²

Engine	OHV V ² Evolution
Valves	Pushrod-operated overhead valves; with hydraulic self-adjusting lifters; two valves per cylinder
Bore and Stroke	88.8 x 96.8 mm
Displacement	1199 cc
Compression Ratio	9.0:1
Fuel System	Carburation (40 mm constant velocity with enricher and accelerator pump)
Air Cleaner/Filter	Oval racetrack with brushed aluminium insert; High efficiency pleated paper filtration
Ignition	Inductive, battery-powered, V Fire III electronic breakerless with solid-state dual stage advance
Lubrication System	Dry sump, gear drive pump with full flow spin-on disposable oil filter

DRIVETRAIN

Primary Drive	Triple-row chain; 35/56-tooth sprockets; 1.60:1
Final Drive	Gates aramid fibre reinforced Poly Chain belt; 29/61-tooth sprockets; 2.103:1
Clutch	Multi-plate with diaphragm spring in oil bath
Transmission	Five-speed, constant mesh
Gear Ratio:	
1st	2.69
2nd	1.85
3rd	1.43
4th	1.18
5th	1.00

CHASSIS

Frame	Mild steel, twin cradle
Swing Arm	Mild steel, rectangular section
Front Fork	39 mm with polished aluminium fork bracket
Wheels	21 in. laced front, 16 in. rear disc
Brakes:	
Calliper Type	Four-piston front and rear
Rotor Type (diameter)	Patented, uniform expansion rotors
Front	292 mm
Rear	292 mm
Suspension travel:	
Front wheel	104.1 mm
Rear wheel	53.3 mm

PERFORMANCE

Engine Torque	87 NM @ 3900 rpm
Braking at 96.6 kph:	
Maximum load	48.8 m
Lean Angle (per SAEJ1168):	
Right	35 degrees
Left	33 degrees

ELECTRIC

Battery	Sealed, maintenance-free, 12-volt, 19 amp-hour, 270cca (per Battery Council International rating)
Charging	275 watts @ 3,000rpm, 285 peak
Starting	Electric start
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-cancelling
Running lights	Integrated in front turn signals (except where prohibited by law)

STYLING/CONVENIENCE

Engine Trim	Black and chrome
Exhaust System	Staggered shorty duals
Front Fender	Sport-style
Handlebars	Low-rise
Rider Footpegs	Isolated
Footpegs	Passenger
Seat	Two-up
Rear Shocks	Short stroke
Instruments	Electronic speedometer with odometer and resettable tripmeter

COLOURS²

Vivid Black, Luxury Blue Pearl, White Pearl, Jade Sunglo Pearl, Luxury Rich Red Pearl, Concord Purple Pearl, Two-Tone Luxury Blue/Diamond Ice, Two-Tone Luxury Rich Red/Black Impact Blue Pearl, Two-Tone Real Red/Diamond Ice
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SERVICING

Service Interval	First 1,600 Km; every 8,000 Km thereafter. – Inspections of certain systems and components are required at 4,000 Km intervals
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¹ Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws, and some models are not available in certain countries.

² Availability may vary from dealer to dealer, and is subject to change without notice.