



# H-D STREET™

# HARLEY-DAVIDSON STREET® 500 Model Specifications<sup>1</sup> XG500

| DIMENSIONS   |   |
|--|---|
| Length   | <b>87.2 in.</b> (2215 mm)   |
| Overall Width  | <b>33.1 in.</b> (840 mm)  |
| Overall Height   | <b>43.5 in.</b> (1105 mm)   |
| Seat Height:   |   |
| • Laden <sup>2</sup>                                   | <b>25.7 in.</b> (654 mm)  |
| • Unladen  | <b>28.3 in.</b> (720 mm)  |
| Ground Clearance                                       | <b>5.7 in.</b> (145 mm)   |
| Rake (steering head)                                   | 32°   |
| Fork Angle   | 32°   |
| Trail  | <b>4.5 in.</b> (115 mm)   |
| Wheelbase  | <b>59.8 in.</b> (1520 mm)   |
| Tires (Michelin® Scorcher™ "11" front and rear):       |   |
| • Front – Scorcher™ "11F" Bias                         | 100/80-17   |
| • Rear – Scorcher™ "11" Radial                         | 140/75 R15  |
| Fuel Capacity (warning light at approximately .8 gal.) | <b>3.5 gal.</b> (13.1 l)  |
| Oil Capacity (w/filter)                                | <b>3.3 qt.</b> (3.1 l)  |
| Coolant Capacity                                       | <b>1.4 qt.</b> (1.3 l)  |
| Weight:  |   |
| • As Shipped   | <b>492 lb.</b> (223 kg)   |
| • In Running Order                                     | <b>514 lb.</b> (233 kg)   |
| • Gross Vehicle Weight Rating                          | <b>950 lb.</b> (431 kg)   |
| • Gross Axle Weight Rating                             |   |
| • Front  | <b>320 lb.</b> (145 kg)   |
| • Rear   | <b>630 lb.</b> (286 kg)   |
| ENGINE   |   |
| Engine   | Liquid-cooled, Revolution™ X V-Twin   |
| Valves   | Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder |
| Bore x Stroke  | <b>2.72 in. x 2.6 in.</b> (69 mm x 66 mm)   |
| Displacement   | <b>30 cu. in.</b> (494 cc)  |
| Compression Ratio                                      | 10.5:1  |
| Fuel System <sup>3</sup>                               | Electronic Sequential Port Fuel Injection (ESPFI)   |
| Air Cleaner  | Paper, non-washable   |
| Exhaust  | Black, 2-into-1   |
| Lubrication System                                     | Pressurized, wet sump   |

| DRIVETRAIN                                     |   |
|--|---|
| Primary Drive                                  | Gear, 36/68 ratio   |
| Final Drive                                    | Belt, 30/80 ratio   |
| Clutch   | Multi-plate, wet  |
| Transmission                                   | 6-speed constant mesh spur gear   |
| Gear Ratios (overall):                         | <b>U.S.</b>   |
| • 1st  | <b>14.272</b>   |
| • 2nd  | <b>10.074</b>   |
| • 3rd  | <b>7.446</b>  |
| • 4th  | <b>6.006</b>  |
| • 5th  | <b>5.037</b>  |
| • 6th  | <b>4.533</b>  |
| CHASSIS  |   |
| Frame  | Mild steel tubular frame; rectangular section backbone; stamped junctions; MIG welded |
| Swingarm                                       | Mild steel, rectangular tube sections, stamped junctions; MIG welded                  |
| Front Forks                                    | 37 mm telescopic (non-adjustable)   |
| Rear Shocks                                    | Twin tubular shocks externally mounted (pre-load adjustment only)                     |
| Wheels <sup>4</sup> :                          | Black, 7-Spoke Cast Aluminum  |
| • Front  | <b>17 in. x 2.5 in.</b> (432 mm x 64 mm)  |
| • Rear   | <b>15 in. x 3.5 in.</b> (381 mm x 89 mm)  |
| Brakes:  |   |
| • Caliper Type                                 | 2-piston floated front and rear   |
| • Rotor Type (diameter x width):               | Uniform expansion rotors  |
| • Front  | <b>11.8 in. x .24 in.</b> (300 mm x 6 mm)   |
| • Rear   | <b>11.8 in. x .24 in.</b> (300 mm x 6 mm)   |
| • Anti-Lock Braking System                     | Optional  |
| Suspension Travel:                             |   |
| • Front Wheel                                  | <b>5.5 in.</b> (140 mm)   |
| • Rear Wheel                                   | <b>3.5 in.</b> (90 mm)  |
| PERFORMANCE                                    |   |
| Engine Torque <sup>5</sup> (per J1349):        |   |
| • North America                                | <b>30 ft. lb. @ 3750 rpm</b> (40 Nm @ 3750 rpm)                                       |
| Lean Angle (per J1168):                        |   |
| • Right  | 28.5°   |
| • Left   | 28.5°   |
| Fuel Economy <sup>6</sup> (Estimated City/Hwy) | <b>64 mpg</b> (3.6 l/100 km)  |

| ELECTRIC   |  |
|--|--|
| Battery (per Battery Council International Rating) | Sealed, maintenance-free, 12V, 12-amp/hour, 225 cca  |
| Charging   | Three-phase, 35-amp system (17.7-amp at idle - 1000 rpm)   |
| Starting   | 0.9 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 (LED)                           | 8W/28W (5W/21W)  |
| • Front Signal Lights                              | 5W/21W   |
| • Indicator Lamps                                  | High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning 21W   |
| • Rear Turn Signals                                |  |
| Gauges   | 3.5-inch electronic speedometer with high beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, blade key ignition and fork lock, and locking gas cap |
| WARRANTY   |  |
| Warranty <sup>8</sup>                              | 24 months (unlimited mileage)  |
| Service Interval <sup>9</sup>                      | First <b>1000 miles</b> (1600 km), every <b>5000 miles</b> (8000 km) thereafter  |

<sup>1</sup> Vehicles depicted may differ from vehicles manufactured and delivered. Specifications and prices listed may differ from specifications and prices of vehicles manufactured and delivered. All product descriptions (including depictions, specifications, dimensions, measurements, ratings and competitive comparisons) are based on available information at the time of publication. Although such descriptions are believed correct, errors and changes can occur and complete accuracy cannot be guaranteed. Harley-Davidson may make changes at any time to prices and specifications, and may change or discontinue models, without notice and without incurring any obligation. Attention: Vehicles in the configurations shown and many of the accessories described in this catalog may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information. All models feature 6-speed transmission (VRSC™ models and Sportster® models are 5-speed) and carbon fiber belt final drive; multi-plate clutch with diaphragm spring in oil bath; and 2-year unlimited mileage warranty.

<sup>2</sup> Measurement reflects 180 lb. (81.7 kg) operator weight.

<sup>3</sup> Recommended 91 octane or higher fuel (R+M)/2.

<sup>4</sup> Standard and optional wheels may vary by country and region.

<sup>5</sup> Values shown are nominal. Performance may vary by country and region.

<sup>6</sup> 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.

<sup>7</sup> North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

<sup>8</sup> See motorcycle Owner's Manual for complete details.

<sup>9</sup> Inspections of certain systems and components are required at 2,500 mile (4,000 km) intervals. See Owner's Manual for full details.