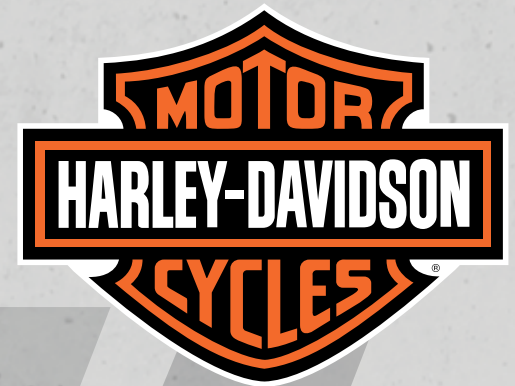


# HARLEY-DAVIDSON<sup>®</sup> MOTORCYCLES

*MY19 SPECIFICATIONS*

**ALL FOR FREEDOM  
FREEDOM FOR ALL<sup>®</sup>**



# HARLEY-DAVIDSON STREET®

*URBAN. AUTHENTIC. COOL.*

## *2019 STREET™ LINEUP*

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HARLEY-DAVIDSON STREET® 500 XG500

HARLEY-DAVIDSON STREET® 750 XG750

STREET ROD® XG750A



# H-D STREET<sup>®</sup>

# HARLEY-DAVIDSON STREET<sup>®</sup> 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 <sup>®</sup> Scorcher <sup>®</sup> "11" front and rear):	
• Front – Scorcher <sup>®</sup> "11F" Bias	100/80-17
• Rear – Scorcher <sup>®</sup> "11" Radial	140/75 R15
Fuel Capacity	<b>3.5 gal.</b> (13.1 l) <i>(warning light at approximately .8 gal.)</i>
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)
Rating	
• 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 two into one
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 J1394):	
• North America	<b>29.5 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
• Rear Turn Signals	21W
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>7</sup>	<b>24 months (unlimited mileage)</b>
Service Interval <sup>8</sup>	<b>First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter</b>

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (Sportster<sup>®</sup> 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.





# H-D STREET®

# HARLEY-DAVIDSON STREET® 750

## Model Specifications<sup>1</sup> XG750

### 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	<b>3.5 gal.</b> (13.1 l) <i>(warning light at approximately .8 gal.)</i>
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)
Rating	
• 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>3.35 in. x 2.6 in.</b> (85 mm x 66 mm)
Displacement	<b>46 cu. in.</b> (749 cc)
Compression Ratio	11:1
Fuel System <sup>3</sup>	Mikuni Single Port Fuel Injection, 38 mm bore
Air Cleaner	Paper, non-washable
Exhaust	Black two into one
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 <i>(pre-load adjustment only)</i>
Wheels <sup>4</sup> :	Black, 7-Spoke Cast Aluminum with Machined Rim Highlights
• 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 <i>(diameter x width):</i>	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>43.5 ft. lb. @ 4000 rpm</b> (59 Nm @ 4000 rpm)
Lean Angle (per J1168):	
• Right	28.5°
• Left	28.5°
Fuel Economy <sup>6</sup> <i>(Estimated City/Hwy)</i>	<b>55 mpg</b> (4.3 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 <i>(17.7-amp at idle - 1000 rpm)</i>
Starting	0.9 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp <i>(Quartz Halogen)</i>	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
• Rear Turn Signals	21W
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>7</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>8</sup>	<b>First 1000 miles</b> (1600 km), <b>every 5000 miles</b> (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# H-D STREET<sup>®</sup>

# STREET ROD™ Model Specifications<sup>1</sup> XG750A

## DIMENSIONS

Length	<b>83.9 in.</b> (2130 mm)
Overall Width	<b>34.3 in.</b> (870 mm)
Overall Height	<b>45.1 in.</b> (1145 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>29.8 in.</b> (757 mm)
• Unladen	<b>30.1 in.</b> (765 mm)
Ground Clearance	<b>8.1 in.</b> (205 mm)
Rake (steering head)	<b>27°</b>
Fork Angle	<b>27°</b>
Trail	<b>3.9 in.</b> (99 mm)
Wheelbase	<b>59.4 in.</b> (1510 mm)
Tires (Michelin <sup>®</sup> Scorcher <sup>®</sup> "21" front and rear):	
• Front – Scorcher <sup>®</sup> "21" Radial	120/70 R17 V
• Rear – Scorcher <sup>®</sup> "21" Radial	160/60 R17 V
Fuel Capacity	<b>3.5 gal.</b> (13.1 l) <i>(warning light at approximately .8 gal.)</i>
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>505 lb.</b> (229 kg)
• In Running Order	<b>525 lb.</b> (238 kg)
• Gross Vehicle Weight Rating	<b>950 lb.</b> (431 kg)
• Gross Axle Weight Rating	
• Front	<b>350 lb.</b> (159 kg)
• Rear	<b>600 lb.</b> (272 kg)

## ENGINE

Engine	High Output Revolution X™ V-Twin
Valves	Chain drive single overhead cam with mechanical lifters and rocker arms; four valves per cylinder
Bore x Stroke	<b>3.4 in. x 2.6 in.</b> (85 mm x 66 mm)
Displacement	<b>46 cu. in.</b> (749 cc)
Compression Ratio	12.0:1
Fuel System <sup>3</sup>	Mikuni Twin Port Fuel Injection, 42 mm bore
Air Cleaner	Fiber, washable
Exhaust	Black two-into-one
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	43 mm inverted (non-adjustable)
Rear Shocks	Twin tubular piggy-back shocks, externally mounted (pre-load adjustment only)
Wheels <sup>4</sup> :	Black, 7-Split Open Spoke Cast Aluminum
• Front	<b>17 in. x 3.5 in.</b> (432 mm x 89 mm)
• Rear	<b>17 in. x 4.5 in.</b> (332 mm x 114 mm)
Brakes:	
• Caliper Type	2-piston floated front and rear
• Rotor Type (diameter x width):	Uniform expansion rotors
• Front (dual)	<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>5.2 in.</b> (132 mm)
• Rear Wheel	<b>4.6 in.</b> (117 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>47 ft. lb. @ 4000 rpm</b> (64 Nm @ 4000 rpm)
Lean Angle (per J1168):	
• Right	<b>37.3°</b>
• Left	<b>40.2°</b>
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>54 mpg</b> (4.3 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 (24.5-amp at idle - 1350 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)	1W/5W
• Front Signal Lights (LED)	1W/5.5W
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning
• Rear Turn Signals (LED)	5.5W
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
Electric Power Outlet	PAC Connector
Warranty <sup>7</sup>	24 months (unlimited mileage)
Service Interval <sup>8</sup>	First <b>1000 miles</b> (1600 km), every <b>5000 miles</b> (8000 km) thereafter

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<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.

# SPORTSTER®

*AMERICAN LEGENDS. CLASSIC STYLE, AGILITY AND POWER.*

## *2019 SPORTSTER® LINEUP*

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*SUPERLOW® XL 883L*

*IRON 883™ XL 883N*

*IRON 1200™ XL 1200NS*

*FORTY-EIGHT® XL 1200X*

*FORTY-EIGHT® SPECIAL XL 1200XS*

*ROADSTER™ XL 1200CX*

*1200 CUSTOM XL 1200C*





# SPORTSTER®

# SUPERLOW® Model Specifications<sup>1</sup> XL 883L

DIMENSIONS	
Length	87.6 in. (2225 mm)
Overall Width	33.3 in. (845 mm)
Overall Height	46.1 in. (1170 mm)
Seat Height:	
• Laden <sup>2</sup>	25.5 in. (648 mm)
• Unladen	27.8 in. (705 mm)
Ground Clearance	3.9 in. (100 mm)
Rake (steering head)	31.1°
Fork Angle	29.6°
Trail	5.7 in. (145 mm)
Wheelbase	59.1 in. (1500 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front – Scorcher® "11F"	120/70 ZR-18 59W
• Rear – Scorcher® "11"	150/60 ZR-17 66W
Fuel Capacity	4.5 gal. (17 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (.95 l)
Weight:	
• As Shipped	545 lb. (247 kg)
• In Running Order	569 lb. (258 kg)
• Gross Vehicle Weight Rating	1000 lb. (454 kg)
• Gross Axle Weight Rating	
• Front	339 lb. (154 kg)
• Rear	661 lb. (300 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
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Chrome, staggered, shorty exhaust with dual mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	10.41
• 2nd	7.436
• 3rd	5.531
• 4th	4.584
• 5th	3.931
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm Single Cartridge/Single Free Valve
Rear Shocks	Dual Coil-Over; Threaded Preload Adjustment, Emulsion
Wheels <sup>4</sup> :	Black, Split 5-Spoke with Machined Rim
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	17 in. x 4.5 in. (432 mm x 114 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.11 in. (105 mm)
• Rear Wheel	2.13 in. (54 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	55 ft. lb. @ 3750 rpm (74 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	24.7°
• Left	24.4°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	51 mpg (4.6 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 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	8W/28W Per Lamp
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SPORTSTER®

# IRON 883™ Model Specifications<sup>1</sup> XL 883N

DIMENSIONS	
Length	86 in. (2185 mm)
Overall Width	32.1 in. (815 mm)
Overall Height	44.9 in. (1140 mm)
Seat Height:	
• Laden <sup>2</sup>	25.7 in. (653 mm)
• Unladen	29.9 in. (760 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	4.6 in. (117 mm)
Wheelbase	59.6 in. (1515 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	100/90B19 57H
• Rear	150/80B16 77H
Fuel Capacity	3.3 gal. (12.5 l) <i>(warning light at approximately .8 gal.)</i>
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (.95 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 3.81 in. (76.2 mm x 96.8 mm)
Displacement	53.9 cu. in. (883 cc)
Compression Ratio	9:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black exhaust headers and black mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	10.41
• 2nd	7.436
• 3rd	5.531
• 4th	4.584
• 5th	3.931
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm
Rear Shocks	Coil-over; Preload Dual-adjustable
Wheels <sup>4</sup> :	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 (diameter x width):	Solid, uniform expansion
• Front (floating)	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .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)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	53.8 ft. lb. @ 3750 rpm (73 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	27°
• Left	28°
Fuel Economy <sup>6</sup> <i>(Estimated City/Hwy)</i>	51 mpg (4.6 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SPORTSTER®

# IRON 1200™ Model Specifications<sup>1</sup> XL 1200NS

## DIMENSIONS

Length	<b>86.6 in.</b> (2200 mm)
Overall Width	<b>36 in.</b> (915 mm)
Overall Height	<b>48.8 in.</b> (1240 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.7 in.</b> (653 mm)
• Unladen	<b>28.9 in.</b> (735 mm)
Ground Clearance	<b>4.3 in.</b> (110 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	<b>4.6 in.</b> (117 mm)
Wheelbase	<b>59.6 in.</b> (1515 mm)

Tires (Michelin® Scorcher® "31" front and rear):

- Front 100/90B19 57H
- Rear 150/80B16 77H

Fuel Capacity **3.3 gal.** (12.5 l)  
(warning light at approximately .8 gal.)

Oil Capacity (w/filter) **2.8 qt.** (2.6 l)

Transmission Capacity **1 qt.** (.95 l)

Weight:

- As Shipped **547 lb.** (248 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	<b>3.5 in. x 3.8 in.</b> (88.9 mm x 96.8 mm)
Displacement	<b>73.4 cu. in.</b> (1202 cc)
Compression Ratio	10:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black, staggered exhaust and headers with black slash-cut mufflers
Lubrication System	Dry-sump

## DRIVETRAIN

Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.315</b>
• 2nd	<b>6.653</b>
• 3rd	<b>4.948</b>
• 4th	<b>4.102</b>
• 5th	<b>3.517</b>

## CHASSIS

Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm
Rear Shocks	Coil-over; Preload Dual-adjustable
Wheels <sup>4</sup> :	Black, 9-Spoke
• Front	<b>19 in. x 2.15 in.</b> (483 mm x 55 mm)
• Rear	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front (floating)	<b>11.8 in. x .2 in.</b> (300 mm x 5 mm)
• Rear	<b>10.24 in. x .28 in.</b> (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)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>73 ft. lb. @ 3500 rpm</b> (99 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	27°
• Left	28°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>48 mpg</b> (4.9 l/100 km)

## ELECTRIC

Battery (per Battery Council International Rating)	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system (375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights

## WARRANTY

Warranty <sup>8</sup>	<b>24 months (unlimited mileage)</b>
Service Interval <sup>9</sup>	<b>First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter</b>

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SPORTSTER®

# FORTY-EIGHT® Model Specifications<sup>1</sup> XL 1200X

DIMENSIONS	
Length	<b>85.2 in.</b> (2165 mm)
Overall Width	<b>32.9 in.</b> (835 mm)
Overall Height	<b>43.3 in.</b> (1100 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>26.2 in.</b> (665 mm)
• Unladen	<b>28 in.</b> (710 mm)
Ground Clearance	<b>4.3 in.</b> (110 mm)
Rake (steering head)	30.2°
Fork Angle	28.7°
Trail	<b>5.3 in.</b> (135 mm)
Wheelbase	<b>58.9 in.</b> (1495 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	130/90B16 73H
• Rear	150/80B16 77H
Fuel Capacity	<b>2.1 gal.</b> (7.9 l) <i>(warning light at approximately .65 gal.)</i>
Oil Capacity (w/filter)	<b>2.8 qt.</b> (2.6 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Weight:	
• As Shipped	<b>545 lb.</b> (247 kg)
• In Running Order	<b>556 lb.</b> (252 kg)
• Gross Vehicle Weight Rating	<b>1000 lb.</b> (454 kg)
• Gross Axle Weight Rating	
• Front	<b>335 lb.</b> (152 kg)
• Rear	<b>665 lb.</b> (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	<b>3.5 in. x 3.8 in.</b> (88.9 mm x 96.8 mm)
Displacement	<b>73.4 cu. in.</b> (1202 cc)
Compression Ratio	10:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black, staggered exhaust with slash-cut mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.315</b>
• 2nd	<b>6.653</b>
• 3rd	<b>4.948</b>
• 4th	<b>4.102</b>
• 5th	<b>3.517</b>
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	49 mm fork set, free valve right hand and cartridge style left hand
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels <sup>4</sup> :	Black, Split 9-Spoke Cast Aluminum w/ Machined Highlights
• Front	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
• Rear	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Front floating, Rear uniform expansion
• Front	<b>11.8 in. x .2 in.</b> (300 mm x 5 mm)
• Rear	<b>10.24 in. x .28 in.</b> (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	<b>3.6 in.</b> (91 mm)
• Rear Wheel	<b>1.6 in.</b> (41 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>73 ft. lb. @ 3500 rpm</b> (99 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	27.1°
• Left	27.1°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>48 mpg</b> (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty <sup>8</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>9</sup>	<b>First 1000 miles</b> (1600 km), <b>every 5000 miles</b> (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SPORTSTER®

# FORTY-EIGHT® SPECIAL Model Specifications<sup>1</sup> **XL 1200XS**

DIMENSIONS	
Length	<b>85.2 in.</b> (2165 mm)
Overall Width	<b>34.3 in.</b> (870 mm)
Overall Height	<b>46.5 in.</b> (1180 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>26.2 in.</b> (665 mm)
• Unladen	<b>27.8 in.</b> (705 mm)
Ground Clearance	<b>4.3 in.</b> (110 mm)
Rake (steering head)	30.2°
Fork Angle	28.7°
Trail	<b>5.3 in.</b> (135 mm)
Wheelbase	<b>58.9 in.</b> (1495 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	130/90B16 73H
• Rear	150/80B16 77H
Fuel Capacity	<b>2.1 gal.</b> (7.9 l) <i>(warning light at approximately .65 gal.)</i>
Oil Capacity (w/filter)	<b>2.8 qt.</b> (2.6 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Weight:	
• As Shipped	<b>547 lb.</b> (248 kg)
• In Running Order	<b>564 lb.</b> (256 kg)
• Gross Vehicle Weight Rating	<b>1000 lb.</b> (454 kg)
• Gross Axle Weight Rating	
• Front	<b>335 lb.</b> (152 kg)
• Rear	<b>665 lb.</b> (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	<b>3.5 in. x 3.8 in.</b> (88.9 mm x 96.8 mm)
Displacement	<b>73.4 cu. in.</b> (1202 cc)
Compression Ratio	10:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Black, staggered exhaust with slash-cut mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.315</b>
• 2nd	<b>6.653</b>
• 3rd	<b>4.948</b>
• 4th	<b>4.102</b>
• 5th	<b>3.517</b>
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	49 mm fork set, free valve right hand and cartridge style left hand
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels <sup>4</sup> :	Black, Split 9-Spoke Cast Aluminum
• Front	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
• Rear	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Front floating, Rear uniform expansion
• Front	<b>11.8 in. x .2 in.</b> (300 mm x 5 mm)
• Rear	<b>10.24 in. x .28 in.</b> (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	<b>3.6 in.</b> (91 mm)
• Rear Wheel	<b>1.6 in.</b> (41 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>73 ft. lb. @ 3500 rpm</b> (99 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	27.1°
• Left	27.1°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>48 mpg</b> (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty <sup>8</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>9</sup>	<b>First 1000 miles</b> (1600 km), <b>every 5000 miles</b> (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SPORTSTER®

# ROADSTER™ Model Specifications<sup>1</sup> **XL 1200CX**

DIMENSIONS	
Length	<b>86 in.</b> (2185 mm)
Overall Width	<b>33.9 in.</b> (860 mm)
Overall Height	<b>42.5 in.</b> (1080 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>29.5 in.</b> (749 mm)
• Unladen	<b>30.9 in.</b> (785 mm)
Ground Clearance	<b>5.9 in.</b> (150 mm)
Rake (steering head)	28.9°
Fork Angle	27.4°
Trail	<b>5.5 in.</b> (140 mm)
Wheelbase	<b>59.3 in.</b> (1505 mm)
Tires (Dunlop® Harley-Davidson® Series, radial blackwall front and rear):	
• Front	120/70R19 M/C
• Rear	150/70R18 M/C
Fuel Capacity	<b>3.3 gal.</b> (12.5 l) <i>(warning light at approximately .8 gal.)</i>
Oil Capacity (w/filter)	<b>2.8 qt.</b> (2.6 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Weight:	
• As Shipped	<b>551 lb.</b> (250 kg)
• In Running Order	<b>571 lb.</b> (259 kg)
• Gross Vehicle Weight Rating	<b>1000 lb.</b> (454 kg)
• Gross Axle Weight Rating	
• Front	<b>335 lb.</b> (152 kg)
• Rear	<b>665 lb.</b> (302 kg)
ENGINE	
Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two valves per cylinder
Bore x Stroke	<b>3.5 in. x 3.8 in.</b> (88.9 mm x 96.8 mm)
Displacement	<b>73.4 cu. in.</b> (1202 cc)
Compression Ratio	10:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Shorty-dual exhaust with chrome tapered mufflers with laser cut black heat shields
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.315</b>
• 2nd	<b>6.653</b>
• 3rd	<b>4.948</b>
• 4th	<b>4.102</b>
• 5th	<b>3.517</b>

CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	43 mm inverted
Rear Shocks	Variable rate spring over 36 mm piston nitrogen gas-charged emulsion style shock with thread style preload adjustment
Wheels <sup>4</sup> :	Black Offset, Split 5-Spoke Cast Aluminum
• Front	<b>19 in. x 3 in.</b> (483 mm x 76 mm)
• Rear	<b>18 in. x 4.3 in.</b> (457 mm x 109 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Dual floating rotors (front), Rear uniform expansion rotor
• Front (dual)	<b>11.8 in. x 2 in.</b> (300 mm x 5 mm)
• Rear	<b>10.24 in. x .28 in.</b> (260 mm x 7.1 mm)
• Anti-Lock Braking System	Optional

Suspension Travel:	
• Front Wheel	<b>4.5 in.</b> (114 mm)
• Rear Wheel	<b>3.2 in.</b> (81 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>76 ft. lb. @ 3750 rpm</b> (103 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	30.8°
• Left	31.1°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>48 mpg</b> (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 60-watt high beam
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Dual Gauge – 4-inch Digital Speedometer/Analog Tachometer
WARRANTY	
Warranty <sup>8</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>9</sup>	<b>First 1000 miles</b> (1600 km), <b>every 5000 miles</b> (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SPORTSTER®

# 1200 CUSTOM Model Specifications<sup>1</sup> XL 1200C

DIMENSIONS	
Length	87.6 in. (2225 mm)
Overall Width	33.1 in. (840 mm)
Overall Height	45.3 in. (1150 mm)
Seat Height:	
• Laden <sup>2</sup>	26.6 in. (676 mm)
• Unladen	28.5 in. (725 mm)
Ground Clearance	4.1 in. (105 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	4.2 in. (107 mm)
Wheelbase	60.2 in. (1530 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	130/90B16 73H
• Rear	150/80B16 77H
Fuel Capacity	4.5 gal. (17 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	2.8 qt. (2.6 l)
Transmission Capacity	1 qt. (.95 l)
Weight:	
• As Shipped	562 lb. (255 kg)
• In Running Order	591 lb. (268 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	3.5 in. x 3.8 in. (88.9 mm x 96.8 mm)
Displacement	73.4 cu. in. (1202 cc)
Compression Ratio	10:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper cartridge type
Exhaust	Chrome, staggered exhaust with slash-cut mufflers
Lubrication System	Dry-sump

DRIVETRAIN	
Primary Drive	Chain, 38/57 ratio
Final Drive	Belt, 29/68 ratio
Clutch	Multi-plate, wet
Transmission	5-Speed
Gear Ratios (overall):	U.S.
• 1st	9.315
• 2nd	6.653
• 3rd	4.948
• 4th	4.102
• 5th	3.517
CHASSIS	
Frame	Mild steel, tubular frame; circular sections; cast junctions
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded
Front Forks	39 mm Single Cartridge/Single Free Valve
Rear Shocks	Dual Coil-Over; Threaded Preload Adjustment, Emulsion
Wheels <sup>4</sup> :	Black Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	Dual-piston front, Dual-piston rear
• Rotor Type (diameter x width):	Solid, uniform expansion
• Front	11.8 in. x .2 in. (300 mm x 5 mm)
• Rear	10.24 in. x .28 in. (260 mm x 7 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.12 in. (105 mm)
• Rear Wheel	2.13 in. (54 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	73 ft. lb. @ 3750 rpm (99 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	26.2°
• Left	28.3°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	48 mpg (4.9 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 12 amp/hour, 200 cca
Charging	Single-phase, 30-amp system <i>(375W @ 13.5V, 2000 rpm, 405W max power @ 13.5V)</i>
Starting	1.2 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	8W/28W Per Lamp
• Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system <sup>7</sup> (if equipped), ABS (if equipped)
Gauges	Handlebar-mounted electronic speedometer with odometer, time-of-day clock on odometer, dual tripmeter, low fuel warning light, low oil pressure light, engine diagnostics readout, LED indicator lights
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.

# SOFTAIL®

***THE NEXT CUSTOM REVOLUTION.***

## ***2019 SOFTAIL® LINEUP***

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**STREET BOB® *FXBB***

**BREAKOUT® *FXBR***

**BREAKOUT® 114 *FXBRS***

**SOFTAIL SLIM® *FLSL***

**HERITAGE CLASSIC *FLHC***

**HERITAGE CLASSIC 114 *FLHCS***

**FAT BOY® *FLFB***

**FAT BOY® 114 *FLFBS***

**DELUXE *FLDE***

**FAT BOB® *FXFB***

**FAT BOB® 114 *FXFBS***

**SPORT GLIDE® *FLSB***

**LOW RIDER® *FXLR***

**NEW FXDR™ 114 *FXDRS***





# SOFTAIL<sup>®</sup>

# STREET BOB<sup>®</sup>

## Model Specifications<sup>1</sup> FXBB

### DIMENSIONS

Length	<b>91.3 in.</b> (2320 mm)
Overall Width	<b>34.1 in.</b> (865 mm)
Overall Height	<b>45.7 in.</b> (1160 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.8 in.</b> (655 mm)
• Unladen	<b>26.8 in.</b> (680 mm)
Ground Clearance	<b>4.9 in.</b> (125 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	<b>6.2 in.</b> (157 mm)
Wheelbase	<b>64.2 in.</b> (1630 mm)
Tires (Dunlop <sup>®</sup> Harley-Davidson <sup>®</sup> Series, bias blackwall front and rear):	
• Front – D401F	100/90B19,57H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity	<b>3.5 gal.</b> (13.2 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	<b>5 qt.</b> (4.7 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Primary Chain Case Capacity	<b>1.25 qt.</b> (1.18 l)
Weight:	
• As Shipped	<b>630 lb.</b> (286 kg)
• In Running Order	<b>653 lb.</b> (296 kg)
• Gross Vehicle Weight Rating	<b>1160 lb.</b> (526 kg)
• Gross Axle Weight Rating	
• Front	<b>450 lb.</b> (204 kg)
• Rear	<b>730 lb.</b> (331 kg)

### ENGINE

Engine	Milwaukee-Eight <sup>®</sup> 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>3.937 in. x 4.374 in.</b> (100 mm x 111.1 mm)
Displacement	<b>107 cu. in.</b> (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-2 offset shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

### DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive <sup>®</sup>
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>

### CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; gaiter covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style preload adjustment
Wheels <sup>4</sup> :	Gloss Black, Steel Laced
• Front	<b>19 in. x 2.5 in.</b> (483 mm x 64 mm)
• Rear	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	<b>11.8 in. x .2 in.</b> (300 mm x 5 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>3.4 in.</b> (86 mm)

### PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>110 ft. lb. @ 3000 rpm</b> (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	28.5°
• Left	28.5°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>47 mpg</b> (5 l/100 km)

### ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam & signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (optional), security system <sup>7</sup> , low battery voltage, low fuel
Gauges	2.14-inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type, output 5V at 2.4A, capable of charging most smart phone models
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 the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (Sportster<sup>®</sup> 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.



# SOFTAIL®

# BREAKOUT® Model Specifications<sup>1</sup> **FXBR**

DIMENSIONS	
Length	<b>93.3 in.</b> (2370 mm)
Overall Width	<b>37.4 in.</b> (950 mm)
Overall Height	<b>41.9 in.</b> (1065 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.6 in.</b> (650 mm)
• Unladen	<b>26.2 in.</b> (665 mm)
Ground Clearance	<b>4.5 in.</b> (115 mm)
Rake (steering head)	34°
Fork Angle	35.5°
Trail	<b>5.7 in.</b> (145 mm)
Wheelbase	<b>66.7 in.</b> (1695 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front	130/60B21,63H,BW
• Rear	240/40R18,79V,BW
Fuel Capacity	<b>3.5 gal.</b> (13.2 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	<b>5 qt.</b> (4.7 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Primary Chain Case Capacity	<b>1.43 qt.</b> (1.35 l)
Weight:	
• As Shipped	<b>648 lb.</b> (294 kg)
• In Running Order	<b>672 lb.</b> (305 kg)
• Gross Vehicle Weight Rating	<b>1175 lb.</b> (533 kg)
• Gross Axle Weight Rating	
• Front	<b>450 lb.</b> (204 kg)
• Rear	<b>760 lb.</b> (345 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>3.937 in. x 4.374 in.</b> (100 mm x 111.1 mm)
Displacement	<b>107 cu. in.</b> (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Gloss Black, Gasser II Cast Aluminum
• Front	<b>21 in. x 3.5 in.</b> (533 mm x 89 mm)
• Rear	<b>18 in. x 8 in.</b> (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front	<b>11.8 in. x 2 in.</b> (300 mm x 5.1 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>3.4 in.</b> (86 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>109 ft. lb. @ 3000 rpm</b> (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	26.8°
• Left	26.8°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>47 mpg</b> (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	2.14-inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	<b>24 months</b> (unlimited mileage)
Service Interval <sup>9</sup>	<b>First 1000 miles</b> (1600 km), <b>every 5000 miles</b> (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# BREAKOUT® 114

## Model Specifications<sup>1</sup> FXBRS

### DIMENSIONS

Length	93.3 in. (2370 mm)
Overall Width	37.4 in. (950 mm)
Overall Height	41.9 in. (1065 mm)
Seat Height:	
• Laden <sup>2</sup>	25.6 in. (650 mm)
• Unladen	26.2 in. (665 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	34°
Fork Angle	36°
Trail	5.7 in. (145 mm)
Wheelbase	66.7 in. (1695 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front	130/60B21,63H,BW
• Rear	240/40R18,79V,BW
Fuel Capacity	3.5 gal. (13.2 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	648 lb. (294 kg)
• In Running Order	672 lb. (305 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)

### ENGINE

Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

### DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

### CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Gloss Black, Gasser II Cast Aluminum
• Front	21 in. x 3.5 in. (533 mm x 89 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

### PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	26.8°
• Left	26.8°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

### ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	2.14-inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A

### WARRANTY

Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SOFTAIL®

# SOFTAIL SLIM®

  
**Model Specifications<sup>1</sup> FLSL**

DIMENSIONS	
Length	<b>90.9 in.</b> (2310 mm)
Overall Width	<b>38.2 in.</b> (970 mm)
Overall Height	<b>43.1 in.</b> (1095 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.5 in.</b> (648 mm)
• Unladen	<b>26 in.</b> (660 mm)
Ground Clearance	<b>4.7 in.</b> (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	<b>5.8 in.</b> (147 mm)
Wheelbase	<b>64.2 in.</b> (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,53H,BW
• Rear – D401T	150/80B1677H,BW
Fuel Capacity	<b>5 gal.</b> (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	<b>5 qt.</b> (4.7 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Primary Chain Case Capacity	<b>1.25 qt.</b> (1.18 l)
Weight:	
• As Shipped	<b>642 lb.</b> (291 kg)
• In Running Order	<b>671 lb.</b> (304 kg)
• Gross Vehicle Weight Rating	<b>1160 lb.</b> (526 kg)
• Gross Axle Weight Rating	
• Front	<b>450 lb.</b> (204 kg)
• Rear	<b>730 lb.</b> (331 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>3.937 in. x 4.374 in.</b> (100 mm x 111.1 mm)
Displacement	<b>107 cu. in.</b> (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style pre-load adjustment
Wheels <sup>4</sup> :	Gloss Black, Steel Laced
• Front	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
• Rear	<b>16 in. x 3 in.</b> (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	<b>11.8 in. x 2 in.</b> (300 mm x 5.1 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>3.4 in.</b> (86 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>110 ft. lb. @ 3000 rpm</b> (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.4°
• Left	27.4°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>47 mpg</b> (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop	Incandescent bullets
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (optional), security system <sup>7</sup> , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A

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 the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# HERITAGE CLASSIC

## Model Specifications<sup>1</sup> **FLHC**

DIMENSIONS	
Length	95.1 in. (2415 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	53.9 in. (1370 mm)
Seat Height:	
• Laden <sup>2</sup>	26.3 in. (668 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.5 in. (140 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,53H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	697 lb. (316 kg)
• In Running Order	723 lb. (328 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.5 cu. ft. (.043 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 in. (100 mm x 111.1 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; hydraulic preload adjustment
Wheels <sup>4</sup> :	Gloss Black, Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x 2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (112 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	109 ft. lb. @ 3000 rpm (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.3°
• Left	28.5°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, cruise, ABS, security system <sup>7</sup> , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet light bar
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# HERITAGE CLASSIC 114

## Model Specifications<sup>1</sup> FLHCS

DIMENSIONS	
Length	95.1 in. (2415 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	53.9 in. (1370 mm)
Seat Height:	
• Laden <sup>2</sup>	26.3 in. (668 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.5 in. (140 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D401F	130/90B16,53H,BW
• Rear – D401T	150/80B16,77H,BW
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	697 lb. (316 kg)
• In Running Order	728 lb. (330 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.5 cu. ft. (.043 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; hydraulic preload adjustment
Wheels <sup>4</sup> :	Gloss Black, Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x 2 in. (300 mm x 5 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (112 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	27.3°
• Left	28.5°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, cruise, ABS, security system <sup>7</sup> , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullet light bar
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SOFTAIL®

# FAT BOY® Model Specifications<sup>1</sup> FLFB

## DIMENSIONS

Length	<b>93.3 in.</b> (2370 mm)
Overall Width	<b>38.3 in.</b> (972 mm)
Overall Height	<b>43.6 in.</b> (1107 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>25.9 in.</b> (658 mm)
• Unladen	<b>26.6 in.</b> (675 mm)
Ground Clearance	<b>4.5 in.</b> (115 mm)
Rake (steering head)	30°
Fork Angle	32°
Trail	<b>4.1 in.</b> (104 mm)
Wheelbase	<b>65.6 in.</b> (1665 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front	160/60R18,70V,BW
• Rear	240/40R18,79V,BW
Fuel Capacity	<b>5 gal.</b> (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	<b>5 qt.</b> (4.7 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Primary Chain Case Capacity	<b>1.43 qt.</b> (1.35 l)
Weight:	
• As Shipped	<b>670 lb.</b> (304 kg)
• In Running Order	<b>699 lb.</b> (317 kg)
• Gross Vehicle Weight Rating	<b>1175 lb.</b> (533 kg)
• Gross Axle Weight Rating	
• Front	<b>450 lb.</b> (204 kg)
• Rear	<b>760 lb.</b> (345 kg)

## ENGINE

Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>3.937 in. x 4.374 in.</b> (100 mm x 111 mm)
Displacement	<b>107 cu. in.</b> (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

## DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>

## CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Machined, Lakester Cast Aluminum
• Front	<b>18 in. x 4.5 in.</b> (457 mm x 114 mm)
• Rear	<b>18 in. x 8 in.</b> (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear silver, Split 7-spoke floating rotors
• Front	<b>11.8 in. x .2 in.</b> (300 mm x 5.1 mm)
• Rear	<b>11.5 in. x .23 in.</b> (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard

Suspension Travel:	
• Front Wheel	<b>5.1 in.</b> (130 mm)
• Rear Wheel	<b>3.4 in.</b> (86 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>109 ft. lb. @ 3000 rpm</b> (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	25.6°
• Left	25.6°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>47 mpg</b> (5 l/100 km)

## ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent bullets
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A

## 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 the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# FAT BOY® 114

## Model Specifications<sup>1</sup> FLFBS

DIMENSIONS	
Length	93.3 in. (2370 mm)
Overall Width	38.3 in. (972 mm)
Overall Height	43.6 in. (1107 mm)
Seat Height:	
• Laden <sup>2</sup>	25.9 in. (658 mm)
• Unladen	26.6 in. (675 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	30°
Fork Angle	32°
Trail	4.1 in. (104 mm)
Wheelbase	65.6 in. (1665 mm)
Tires (Michelin® Scorcher® "11" front and rear):	
• Front	160/60R18,70V,BW
• Rear	240/40R18,79V,BW
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	671 lb. (304 kg)
• In Running Order	699 lb. (317 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-2 staggered; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; "beer can" covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Machined, Lakester Cast Aluminum
• Front	18 in. x 4.5 in. (457 mm x 114 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear silver, Split 7-spoke floating rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	119 ft. lb. @ 3000 rpm (161 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	25.6°
• Left	25.6°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# DELUXE Model Specifications<sup>1</sup> FLDE

## DIMENSIONS

Length	95.1 in. (2415 mm)
Overall Width	37.6 in. (955 mm)
Overall Height	44.3 in. (1125 mm)
Seat Height:	
• Laden <sup>2</sup>	25.9 in. (658 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.5 in. (115 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.7 in. (145 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Dunlop® Harley-Davidson® Series, wide whitewall):	
• Front – D402F	MT90B16 72H
• Rear – D402	MU85B16 77H
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	668 lb. (303 kg)
• In Running Order	697 lb. (316 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)

## ENGINE

Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 in. (100 mm x 111.1 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shorty dual; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

## DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

## CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual Bending Valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring; “beer can” covers
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; hydraulic preload adjustment
Wheels <sup>4</sup> :	Chrome Steel Laced
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 3 in. (406 mm x 76 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	109 ft. lb. @ 3000 rpm (148 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	28°
• Left	28°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

## ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop	LED tombstone tail lamp
• Front Signal Lights	Integrated LED
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, auxiliary lighting, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Auxiliary Lamps	LED fog
Electric Power Outlet	USB A-type; output 5V at 2.4A
Warranty	24 months (unlimited mileage)
Service Interval <sup>8</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SOFTAIL®

# FAT BOB® Model Specifications<sup>1</sup> FXFB

## DIMENSIONS

Length	92.1 in. (2340 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	43.7 in. (1110 mm)
Seat Height:	
• Laden <sup>2</sup>	27.7 in. (704 mm)
• Unladen	28 in. (710 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	28°
Fork Angle	28°
Trail	5.2 in. (132 mm)
Wheelbase	63.6 in. (1615 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):	
• Front – D429F	150/80-16,71H,BW
• Rear – D429	180/70B16,77H,BW
Fuel Capacity	3.6 gal. (13.6 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	653 lb. (296 kg)
• In Running Order	673 lb. (305 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)

## ENGINE

Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-1-into-2 dual side; catalyst in header
Lubrication System	Pressurized, dry-sump with oil cooler

## DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

## CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Denim Black, Structure Cast Aluminum with laser etched graphics
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)

Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional

Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (113 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	107 ft. lb. @ 3500 rpm (145 Nm @ 3500 rpm)

Lean Angle (per J1168):	
• Right	31°
• Left	32°

Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)
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## ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (optional), security system <sup>7</sup> , low battery voltage, low fuel
Gauges	4-inch analog tachometer with digital speedometer, gear, odometer, fuel level, clock, trip and range indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
Warranty	24 months (unlimited mileage)
Service Interval <sup>8</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# FAT BOB® 114

## Model Specifications<sup>1</sup> FXFBS

### DIMENSIONS

Length	92.1 in. (2340 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	43.7 in. (1110 mm)
Seat Height:	
• Laden <sup>2</sup>	27.7 in. (704 mm)
• Unladen	28 in. (710 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	28°
Fork Angle	28°
Trail	5.2 in. (132 mm)
Wheelbase	63.6 in. (1615 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D429F	150/80-16,71H,BW
• Rear – D429	180/70B16,77H,BW
Fuel Capacity	3.6 gal. (13.6 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	653 lb. (296 kg)
• In Running Order	676 lb. (306 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)

### ENGINE

Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Ventilator intake with fiberglass media, washable exposed element with rain sock
Exhaust	2-into-1-into-2 dual side; catalyst in header
Lubrication System	Pressurized, dry-sump with oil cooler

### DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

### CHASSIS

Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 56 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Denim Black, Structure Cast Aluminum with laser etched graphics
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)

Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard

Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	4.4 in. (113 mm)

### PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	108 ft. lb. @ 3500 rpm (160 Nm @ 3500 rpm)

Lean Angle (per J1168):	
• Right	31°
• Left	32°

Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)
--	---------------------

### ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent bullets
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS, security system <sup>7</sup> , low battery voltage, low fuel
Gauges	4-inch analog tachometer with digital speedometer, gear, odometer, fuel level, clock, trip and range indication
Electric Power Outlet	USB A-type; output 5V at 2.4A

### WARRANTY

Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL®

# SPORT GLIDE®

  
**Model Specifications<sup>1</sup> FLSB**

DIMENSIONS	
Length	91.7 in. (2330 mm)
Overall Width	38.3 in. (972 mm)
Overall Height	44.1 in. (1120 mm)
Seat Height:	
• Laden <sup>2</sup>	25.7 in. (653 mm)
• Unladen	26.5 in. (673 mm)
Ground Clearance	4.7 in. (120 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	5.9 in. (150 mm)
Wheelbase	64 in. (1625 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	130/70B18 63H BW
• Rear	180/70B16 77H BW
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	670 lb. (304 kg)
• In Running Order	699 lb. (317 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
Luggage Capacity:	
• Volume	1.9 cu. ft. (0.05 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.375 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, radial bolt cover with washable fiberglass filter media
Exhaust	2-into-1; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.311</b>
• 2nd	<b>6.454</b>
• 3rd	<b>4.793</b>
• 4th	<b>3.882</b>
• 5th	<b>3.307</b>
• 6th	<b>2.79</b>
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic pre-load adjustment
Wheels <sup>4</sup> :	Black, Machine Highlighted, Mantis Cast Aluminum
• Front	18 in. x 3.5 in. (457 mm x 89 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front black, split 7-spoke floating rotor, rear solid, uniform expansion rotor
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	108 ft. lb. @ 2750 rpm (146 Nm @ 2750 rpm)
Lean Angle (per J1168):	
• Right	27.9°
• Left	28.7°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Integrated LED
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, cruise, ABS, security system <sup>7</sup> , low battery voltage, low fuel
• Rear Turn Signals	Integrated LED
Gauges	5-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# SOFTAIL®

# LOW RIDER® Model Specifications<sup>1</sup> FXLR

DIMENSIONS	
Length	92.7 in. (2355 mm)
Overall Width	38 in. (965 mm)
Overall Height	45.5 in. (1155 mm)
Seat Height:	
• Laden <sup>2</sup>	26.2 in. (665 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	30°
Fork Angle	30°
Trail	6.4 in. (163 mm)
Wheelbase	64.2 in. (1630 mm)
Tires (Michelin® Scorcher® "31" front and rear):	
• Front	110/90B19,62H,BW
• Rear	180/70B16,77H,BW
Fuel Capacity	5 gal. (18.9 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.25 qt. (1.18 l)
Weight:	
• As Shipped	633 lb. (287 kg)
• In Running Order	661 lb. (300 kg)
• Gross Vehicle Weight Rating	1160 lb. (526 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	730 lb. (331 kg)
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.375 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	8.5 in. round, center bolt cover with washable fiberglass filter media
Exhaust	2-into-2 shotgun; catalyst in muffler
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79

CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; aluminum forged fender supports
Swingarm	Mild steel, tubular sections, stamped x-member, forged axle junctions; MIG welded; removable belt spacer
Front Forks	Dual-bending valve 49 mm telescopic with aluminum fork triple clamps; dual rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; cam-style preload adjustment
Wheels <sup>4</sup> :	Black, Machine Highlighted, Radiate Cast Aluminum
• Front	19 in. x 2.5 in. (483 mm x 64 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)

Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Solid, uniform expansion rotors
• Front	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	110 ft. lb. @ 3000 rpm (149 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	29.6°
• Left	29.6°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	47 mpg (5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Tail/Stop Lights	Incandescent Zeppelin tail lamp
• Front Signal Lights	Incandescent bullets
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, ABS (optional), security system <sup>7</sup> , low battery voltage, low fuel
• Rear Turn Signals	Incandescent bullets
Gauges	4-inch analog speedometer with digital gear, odometer, fuel level, clock, trip, range and tachometer indication; 4-inch analog tachometer
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# SOFTAIL<sup>®</sup>

# FXDR™ 114 Model Specifications<sup>1</sup> FXDRS

DIMENSIONS	
Length	95.1 in. (2416 mm)
Overall Width	36.5 in. (929 mm)
Overall Height	42.6 in. (1083 mm)
Seat Height:	
• Laden <sup>2</sup>	27.7 in. (704 mm)
• Unladen	28.5 in. (723 mm)
Ground Clearance	5.3 in. (134 mm)
Rake (steering head)	34°
Fork Angle	34.75°
Trail	4.7 in. (120 mm)
Wheelbase	68.4 in. (1738 mm)
Tires (Michelin <sup>®</sup> Scorcher <sup>®</sup> "11" front and rear):	
• Front	120/70ZR-19 60W
• Rear	240/40R-18 79V
Fuel Capacity	4.4 gal. (16.7 l) <i>(warning light at approximately 1.4 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity	1.43 qt. (1.35 l)
Weight:	
• As Shipped	637 lb. (289 kg)
• In Running Order	668 lb. (303 kg)
• Gross Vehicle Weight Rating	1175 lb. (533 kg)
• Gross Axle Weight Rating	
• Front	450 lb. (204 kg)
• Rear	760 lb. (345 kg)
ENGINE	
Engine	Milwaukee-Eight <sup>®</sup> 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Upswept intake with synthetic media, washable exposed element
Exhaust	2-into-1; catalyst in header
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/66 ratio
Clutch	Mechanical, 10 plate wet, assist & conventional
Transmission	6-Speed Cruise Drive <sup>®</sup>
Gear Ratios (overall):	U.S.
• 1st	9.311
• 2nd	6.454
• 3rd	4.793
• 4th	3.882
• 5th	3.307
• 6th	2.79
CHASSIS	
Frame	Mild steel, tubular frame; rectangular section backbone; stamped, cast, and forged junctions; MIG welded; high strength aluminum, tubular rear support; forged mounting points; TIG welded
Swingarm	One-piece cast aluminum
Front Forks	Single cartridge 43 mm inverted with aluminum fork triple clamps; triple rate spring
Rear Shocks	Hidden, free piston, coil-over monoshock; 43 mm stroke; toolless hydraulic preload adjustment
Wheels <sup>4</sup> :	Gloss/Satin Black, Split 5-Spoke, Ace Cast Aluminum with laser etched graphics (front), Gloss/Satin Black, Solid Disc, Ace Cast Aluminum with laser etched graphics (rear)
• Front	19 in. x 3 in. (483 mm x 76 mm)
• Rear	18 in. x 8 in. (457 mm x 203 mm)
Brakes:	
• Caliper Type	4-piston fixed front and 2-piston floating rear
• Rotor Type (diameter x width):	Front and rear black, Split 7-spoke floating rotors
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.5 in. x .23 in. (292 mm x 5.8 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	5.1 in. (130 mm)
• Rear Wheel	3.4 in. (86 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	119 ft. lb. @ 3500 rpm (162 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	32.6°
• Left	32.8°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	46 mpg (5.1 l/100 km)
ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, absorbed glass mat (AGM) battery, 12V, 17.5Ah, 310 cca at 0°F
Charging	Three-phase, 42 amp system (390W @ 13V, 1000 rpm, 546W max power @ 13V, 2000 rpm)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp	All LED, low beam, high beam and signature position lamp
• Front Signal Lights	Integrated LED
• Indicator Lamps	High beam, turn signals, neutral, low oil pressure, engine diagnostics, cruise, ABS, security system <sup>7</sup> , low battery voltage, low fuel
• Rear Turn Signals	Integrated LED
Gauges	2.14 inch viewable area LCD display with speedometer, gear, odometer, fuel level, clock, trip, range and tachometer indication
Electric Power Outlet	USB A-type; output 5V at 2.4A
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (Sportster<sup>®</sup> 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.

# TOURING

***LONG HAUL COMFORT. NO RESTRAINTS.***

## ***2019 TOURING LINEUP***

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**ROAD KING® *FLHR***

**ROAD KING® SPECIAL *FLHRXS***

**ELECTRA GLIDE® ULTRA CLASSIC® *FLHTCU***

**ULTRA LIMITED *FLHTK***

**ULTRA LIMITED LOW *FLHTKL***

**STREET GLIDE® *FLHX***

**STREET GLIDE® SPECIAL *FLHXS***

**ROAD GLIDE® *FLTRX***

**ROAD GLIDE® SPECIAL *FLTRXS***

**ROAD GLIDE® ULTRA *FLTRU***





# TOURING

# ROAD KING® Model Specifications<sup>1</sup> FLHR

DIMENSIONS	
Length	96.5 in. (2450 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	56.3 in. (1430 mm)
Seat Height:	
• Laden <sup>2</sup>	26.3 in. (667 mm)
• Unladen	27.8 in. (705 mm)
Ground Clearance	5.3 in. (135 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/80B17 65H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	798 lb. (362 kg)
• In Running Order	836 lb. (379 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.3 cu. ft. (0.064 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.374 in. (100 mm x 111.1 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels <sup>1</sup> :	Impeller Cast Aluminum
• Front	17 in. x 3 in. (432 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	32°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam with switchable 26 watt 440 lumen halogen fog lights. Total of 986 lumen output at low beam with fog lights
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, battery, security system <sup>7</sup> (optional), low fuel warning, cruise control, ABS (optional), Gear/RPM display, miles to empty display
• Rear Turn Signals	28W
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Auxiliary Lamps (except where prohibited by law)	Two LED @ 35W each
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# ROAD KING® SPECIAL Model Specifications<sup>1</sup> FLHRXS

DIMENSIONS	
Length	95.3 in. (2420 mm)
Overall Width	39 in. (990 mm)
Overall Height	45.3 in. (1150 mm)
Seat Height:	
• Laden <sup>2</sup>	26.4 in. (671 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.9 in. (175 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	783 lb. (355 kg)
• In Running Order	820 lb. (372 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.5 cu. ft. (0.07 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin down-tubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium low height hand-adjustable rear suspension
Wheels <sup>5</sup> :	Black, Turbine Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>6</sup> (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional light bar, neutral, low oil pressure, engine diagnostics, turn signals, battery, security system <sup>7</sup> (optional), low fuel warning, cruise control, ABS (optional), Gear/RPM display, miles to empty display 27W
• Rear Turn Signals	
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# ELECTRA GLIDE® ULTRA CLASSIC®

## Model Specifications<sup>1</sup> FLHTCU

DIMENSIONS	
Length	102.4 in. (2600 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	56.7 in. (1440 mm)
Seat Height:	
• Laden <sup>2</sup>	27.4 in. (696 mm)
• Unladen	29.1 in. (740 mm)
Ground Clearance	5.3 in. (135 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/80B17 65H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	877 lb. (398 kg)
• In Running Order	904 lb. (410 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	4.7 cu. ft. (0.132 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.375 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPMI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels <sup>1</sup> :	Impeller Cast Aluminum
• Front	17 in. x 3 in. (432 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	32°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, neutral, engine diagnostics, turn signals, security system <sup>7</sup> (optional), battery, low fuel warnings, cruise control, ABS, gear indication, miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	LED
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing
GPS System (optional)	New Boom!™ Box 6.5GT audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# TOURING

# ULTRA LIMITED Model Specifications<sup>1</sup> FLHTK

## DIMENSIONS

Length	<b>102.3 in.</b> (2600 mm)
Overall Width	<b>37.8 in.</b> (960 mm)
Overall Height	<b>56.7 in.</b> (1440 mm)
Seat Height:	
• Laden <sup>2</sup>	<b>27.5 in.</b> (699 mm)
• Unladen	<b>29.1 in.</b> (740 mm)
Ground Clearance	<b>5.3 in.</b> (135 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	<b>6.7 in.</b> (170 mm)
Wheelbase	<b>64 in.</b> (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/80B17 65H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	<b>6 gal.</b> (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	<b>5 qt.</b> (4.7 l)
Transmission Capacity	<b>1 qt.</b> (.95 l)
Primary Chain Case Capacity <sup>3</sup>	<b>1.1 qt.</b> (1 l)
Coolant Capacity	<b>0.8 qt.</b> (0.76 l)
Weight:	
• As Shipped	<b>877 lb.</b> (398 kg)
• In Running Order	<b>910 lb.</b> (413 kg)
• Gross Vehicle Weight Rating	<b>1360 lb.</b> (617 kg)
• Gross Axle Weight Rating	
• Front	<b>500 lb.</b> (227 kg)
• Rear	<b>927 lb.</b> (420 kg)
Luggage Capacity:	
• Volume	<b>4.7 cu. ft.</b> (0.132 m <sup>3</sup> )

## ENGINE

Engine	Twin-Cooled™ Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	<b>4.016 in. x 4.5 in.</b> (102 mm x 114 mm)
Displacement	<b>114 cu. in.</b> (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

## DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	<b>U.S.</b>
• 1st	<b>9.593</b>
• 2nd	<b>6.65</b>
• 3rd	<b>4.938</b>
• 4th	<b>4</b>
• 5th	<b>3.407</b>
• 6th	<b>2.875</b>

## CHASSIS

Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels <sup>1</sup> :	Contrast Chrome Impeller Cast Aluminum
• Front	<b>17 in. x 3 in.</b> (432 mm x 76 mm)
• Rear	<b>16 in. x 5 in.</b> (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	<b>11.8 in. x .2 in.</b> (300 mm x 5.1 mm)
• Rear	<b>11.8 in. x .28 in.</b> (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	<b>4.6 in.</b> (117 mm)
• Rear Wheel	<b>3 in.</b> (76 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	<b>122 ft. lb. @ 3000 rpm</b> (166 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	32°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	<b>43 mpg</b> (5.5 l/100 km)

## ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system <sup>7</sup> , gear indication, battery, low fuel warning, cruise control, ABS, fog/aux lamp indicator LED
• Rear Turn Signals	
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System (optional)	New Boom!™ Box 6.5GT audio system with GPS and touchscreen
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 the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# ULTRA LIMITED LOW Model Specifications<sup>1</sup> FLHTKL

DIMENSIONS	
Length	102.4 in. (2600 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	54.7 in. (1390 mm)
Seat Height:	
• Laden <sup>2</sup>	25.6 in. (652 mm)
• Unladen	26.6 in. (675 mm)
Ground Clearance	4.6 in. (115 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/80B17 65H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Coolant Capacity	0.8 qt. (0.76 l)
Weight:	
• As Shipped	873 lb. (396 kg)
• In Running Order	908 lb. (412 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	4.7 cu. ft. (0.132 m <sup>3</sup> )

ENGINE	
Engine	Twin-Cooled™ Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875

CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Lowered Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>1</sup> :	Contrast Chrome Impeller Cast Aluminum
• Front	17 in. x 3 in. (432 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	3.86 in. (98 mm)
• Rear Wheel	2.15 in. (54.6 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	122 ft. lb. @ 3000 rpm (166 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	31.9°
• Left	31.8°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system <sup>7</sup> , gear indication, battery, low fuel warning, cruise control, ABS, fog/aux lamp indicator LED
• Rear Turn Signals	
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System (optional)	New Boom!™ Box 6.5GT audio system with GPS and touchscreen

WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# STREET GLIDE® Model Specifications<sup>1</sup> FLHX

DIMENSIONS	
Length	96.5 in. (2450 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	53.1 in. (1350 mm)
Seat Height:	
• Laden <sup>2</sup>	26.1 in. (664 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.3 in. (135 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	796 lb. (361 kg)
• In Running Order	829 lb. (376 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.3 cu. ft. (0.064 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.375 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPMI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>1</sup> :	Enforcer Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	29°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, engine diagnostics, neutral, cruise control, speakers, accessory, battery, gear indication, security system <sup>7</sup> (optional), 6-speed, low fuel warning, ABS (optional), miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	27W
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# TOURING

# STREET GLIDE® SPECIAL Model Specifications<sup>1</sup> FLHXS

DIMENSIONS	
Length	95.5 in. (2425 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	52.6 in. (1335 mm)
Seat Height:	
• Laden <sup>2</sup>	26.1 in. (664 mm)
• Unladen	27.2 in. (690 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	798 lb. (362 kg)
• In Running Order	836 lb. (379 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.5 cu. ft. (0.071 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>5</sup> :	Black, Talon Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>6</sup> (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Dual Halogen)	55-watt 625 lumen low beam, 65-watt 1,570 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system <sup>7</sup> , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	27W
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
GPS System	New Boom!™ Box 6.5GT audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# ROAD GLIDE® Model Specifications<sup>1</sup> FLTRX

DIMENSIONS	
Length	95.7 in. (2430 mm)
Overall Width	38.6 in. (980 mm)
Overall Height	51.6 in. (1310 mm)
Seat Height:	
• Laden <sup>2</sup>	25.9 in. (658 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	820 lb. (372 kg)
• In Running Order	855 lb. (388 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.3 cu. ft. (0.064 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 107
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	3.937 in. x 4.375 in. (100 mm x 111 mm)
Displacement	107 cu. in. (1746 cc)
Compression Ratio	10.0:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>4</sup> :	Black, Talon Cast Aluminum (front) Black, Turbine Cast Aluminum (rear)
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Optional
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	111 ft. lb. @ 3250 rpm (151 Nm @ 3250 rpm)
Lean Angle (per J1168):	
• Right	31°
• Left	29°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	40-watt, 1,060 lumen low beam, 60-watt, 1560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system <sup>7</sup> , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	27W
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# TOURING

# ROAD GLIDE® SPECIAL Model Specifications<sup>1</sup> FLTRXS

DIMENSIONS	
Length	95.7 in. (2430 mm)
Overall Width	38.6 in. (980 mm)
Overall Height	51.6 in. (1310 mm)
Seat Height:	
• Laden <sup>2</sup>	25.9 in. (658 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.5 in. (140 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407T	180/55B18 80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	820 lb. (372 kg)
• In Running Order	855 lb. (388 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.7 cu. ft. (0.071 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Black, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>1</sup> :	Enforcer Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	123 ft. lb. @ 3000 rpm (167 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	40-watt, 1,060 lumen low beam, 60-watt, 1560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, directional lights, low oil pressure, neutral, engine diagnostics, battery, cruise control, speakers, accessory, security system <sup>7</sup> , gear indication, low fuel warning, ABS, miles to empty display, fog/aux lamp indicator
• Rear Turn Signals	27W
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
GPS System	Boom!™ Box 6.5GT audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# TOURING

# ROAD GLIDE® ULTRA Model Specifications<sup>1</sup> FLTRU

## DIMENSIONS

Length	102.2 in. (2595 mm)
Overall Width	36.6 in. (930 mm)
Overall Height	56.1 in. (1425 mm)
Seat Height:	
• Laden <sup>2</sup>	27.2 in. (690 mm)
• Unladen	28.9 in. (735 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/80B17 65H
• Rear – D407T	BW 180/65B16 81H
Fuel Capacity	6 gal. (22.7 l) (warning light at approximately 1 gal.)
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Coolant Capacity	0.8 qt. (0.76 l)
Weight:	
• As Shipped	899 lb. (408 kg)
• In Running Order	937 lb. (425 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	4.7 cu. ft. (0.132 m <sup>3</sup> )

## ENGINE

Engine	Twin-Cooled™ Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome dual exhaust with 4 in. touring mufflers and touring muffler shields
Lubrication System	Pressurized, dry-sump with oil cooler

## DRIVETRAIN

Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate wet, Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875

## CHASSIS

Frame	Mild steel; tubular frame, two-piece stamped and welded backbone; cast and forged junctions; twin down tubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels <sup>1</sup> :	Impeller Cast Aluminum
• Front	17 in. x 3 in. (432 mm x 76 mm)
• Rear	16 in. x 5 in. (406 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x 2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)

## PERFORMANCE

Engine Torque <sup>5</sup> (per J1349):	
• North America	122 ft. lb. @ 3000 rpm (166 Nm @ 3000 rpm)
Lean Angle (per J1168):	
• Right	31.9°
• Left	31.8°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

## ELECTRIC

Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	40-watt, 1,060 lumen low beam, 60-watt, 1,560 lumen high beam
• Tail/Stop Lights	8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, neutral, running lights, turn signals, low oil pressure, engine diagnostics, cruise control, speakers, accessory, security system <sup>7</sup> , 6-speed, low fuel warning, ABS LED
• Rear Turn Signals	
Gauges	Gauges styled to complement each vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System	New Boom!™ Box 6.5GT audio system with GPS and touchscreen
Warranty	24 months (unlimited mileage)
Service Interval <sup>8</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.

# TRIKE

*COMFORT. CARGO. HEAD TURNING STYLE.*

## *2019 TRIKE LINEUP*

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*TRI GLIDE® ULTRA FLHTCUTG*

*FREEWHEELER® FLRT*



# TRIKE

# TRI GLIDE® ULTRA Model Specifications<sup>1</sup> FLHTCUTG

DIMENSIONS	
Length	105.1 in. (2670 mm)
Overall Width	54.7 in. (1390 mm)
Overall Height	56.3 in. (1430 mm)
Seat Height:	
• Laden <sup>2</sup>	27.1 in. (700 mm)
• Unladen	28.9 in. (735 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	32°
Trail	3.94 in. (100 mm)
Wheelbase	65.7 in. (1670 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and radial blackwall rear):	
• Front – D402F	MT90B16 72H
• Rear – Signature	P205/65R15 92T
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Coolant Capacity	0.8 qt. (.75 l)
Weight:	
• As Shipped	1204 lb. (546 kg)
• In Running Order	1243 lb. (564 kg)
• Gross Vehicle Weight Rating	1700 lb. (771 kg)
• Gross Axle Weight Rating	
• Front	511 lb. (232 kg)
• Rear	1188 lb. (539 kg)
Luggage Capacity:	
• Volume	6.8 cu. ft. (0.19m <sup>3</sup> )

ENGINE	
Engine	Twin-Cooled™ Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>3</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Chrome, 2-1-2 dual exhaust with tapered mufflers
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 30/70 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive
Gear Ratios (overall):	U.S.
• 1st	10.534
• 2nd	7.302
• 3rd	5.423
• 4th	4.392
• 5th	3.741
• 6th	3.157

CHASSIS	
Frame	Mild steel, square-section backbone with twin downtubes
Swingarm	Mild steel, rectangular tube sections with plate junctions; MIG welded
Front Forks	49 mm dual bending valve
Rear Shocks	Premium hand-adjustable rear suspension
Wheels <sup>4</sup> :	Black, 7-Spoke Cast Aluminum
• Front	16 in. x 3 in. (406 mm x 76 mm)
• Rear	15 in. x 5.5 in. (381 mm x 140 mm)
Brakes:	
• Caliper Type	Front: 32 mm 4 piston fixed Rear: floating 36 mm piston integrated park brake
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	10.6 in. x .24 in. (270 mm x 6 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	121 ft. lb. @ 3250 rpm (164 Nm @ 3250 rpm)
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	42 mpg (5.6 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	Two @ 8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High Beam, running lights, front fender running lights, directional lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, speakers, accessory, security system <sup>7</sup> , ABS, gear indication, low fuel warning, reverse, park brake, miles to empty display, fog/aux lamp indicator
Gauges	Display features odometer, trip A, trip B, range to empty, and gear indicator; includes telltale for reverse and traction control
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls

WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# TRIKE

# FREEWHEELER® Model Specifications<sup>1</sup> FLRT

DIMENSIONS	
Length	103 in. (2615 mm)
Overall Width	55.3 in. (1405 mm)
Overall Height	45.3 in. (1150 mm)
Seat Height:	
• Laden <sup>2</sup>	26.2 in. (665 mm)
• Unladen	27.6 in. (700 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	32.2°
Trail	3.96 in. (101 mm)
Wheelbase	65.7 in. (1670 mm)
Tires (Dunlop® Harley-Davidson Series, bias blackwall front and radial blackwall rear):	
• Front – D408F	MT 130/60B19 M/C 61H
• Rear – Signature	P205/65R15
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	1085 lb. (492 kg)
• In Running Order	1118 lb. (507 kg)
• Gross Vehicle Weight Rating	1700 lb. (771 kg)
• Gross Axle Weight Rating	
• Front	511 lb. (232 kg)
• Rear	1188 lb. (539 kg)
Luggage Capacity:	
• Volume	2 cu. ft. (0.06m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 114
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.016 in. x 4.5 in. (102 mm x 114 mm)
Displacement	114 cu. in. (1868 cc)
Compression Ratio	10.5:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Shorty slash down-style chrome finish mufflers
Lubrication System	Pressurized, dry-sump with fan-assisted oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 30/70 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive
Gear Ratios (overall):	U.S.
• 1st	10.534
• 2nd	7.302
• 3rd	5.423
• 4th	4.392
• 5th	3.741
• 6th	3.157

CHASSIS	
Frame	Mild steel, square-section backbone with twin downtubes
Swingarm	Mild steel, rectangular tube sections with plate junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium hand-adjustable rear suspension
Wheels <sup>5</sup> :	Enforcer Cast Aluminum
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	15 in. x 5.5 in. (381 mm x 140 mm)
Brakes:	
• Caliper Type	Front: 32 mm 4 piston fixed Rear: floating 36 mm piston integrated park brake
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	10.6 in. x .24 in. (270 mm x 6 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.6 in. (117 mm)
• Rear Wheel	3 in. (76 mm)

PERFORMANCE	
Engine Torque <sup>6</sup> (per J1349):	
• North America	122 ft. lb. @ 2250 rpm (165 Nm @ 2250 rpm)
Fuel Economy <sup>7</sup> (Estimated City/Hwy)	43 mpg (5.5 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @ 13V, 2000 rpm, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (Quartz Halogen)	55-watt low beam, 50-watt high beam
• Tail/Stop Lights	Two @ 8W/28W
• Front Signal Lights	8W/28W
• Indicator Lamps	High beam, running lights, battery, neutral, low oil pressure, engine diagnostics, cruise control, security system <sup>8</sup> , ABS, gear indicator, low fuel warning, reverse, park brake, miles to empty
Gauges	Black-faced gauges: Large speedometer and tachometer with wide numbers; large fuel and volt gauges with wide numbers; display features odometer, trip A, trip B, range to empty, and gear indicator; and larger telltale indicators, including reverse and traction control indicators
Reverse Gear	Electric reverse actuated by handlebar mounted hand controls
WARRANTY	
Warranty <sup>9</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.

# CUSTOM VEHICLE OPERATIONS<sup>®</sup>

*EXCLUSIVE. PREMIUM. CUSTOM.*

## *2019 CVO™ LINEUP*

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*CVO™ LIMITED FLHTKSE*

*CVO™ STREET GLIDE® FLHXSE*

*CVO™ ROAD GLIDE® FLTRXSE*



# CVO™

# CVO™ LIMITED Model Specifications<sup>1</sup> FLHTKSE

DIMENSIONS	
Length	102.4 in. (2600 mm)
Overall Width	42.5 in. (1080 mm)
Overall Height	56.7 in. (1440 mm)
Seat Height:	
• Laden <sup>2</sup>	28 in. (711 mm)
• Unladen	30.1 in. (764 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/60B19 61H
• Rear – D407	BW 180/55B18 80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5 qt. (4.7 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	901 lb. (410 kg)
• In Running Order	939 lb. (426 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	926 lb. (420 kg)
Luggage Capacity:	
• Volume	4.7 cu. ft. (0.132 m <sup>3</sup> )
ENGINE	
Engine	Twin-Cooled™ Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Dual, with crossover
Lubrication System	Pressurized, dry-sump

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875

CHASSIS	
Frame	Mild steel; tubular frame; two-piece stamped and welded backbone; cast and forged junctions; twin downtubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel; two-piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium standard height hand-adjustable rear suspension
Wheels <sup>1</sup> (Gloss Black and Contrast Black Anodize Tomahawk option):	Gloss Black and Contrast Chrome Tomahawk
• Front	19 in. x 3.5 in. (482 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.60 in. (117 mm)
• Rear Wheel	3 in. (76 mm)

PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	125 ft. lb. @ 3500 rpm (169 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	41 mpg (5.7 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @13V, 2000 RPM, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system <sup>7</sup> , gear indication, battery, low fuel warning, cruise control, ABS, miles to empty display, fog/aux lamp indicator, Tire Pressure Monitoring System indicator
Gauges	Custom gauges styled to complement each CVO vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Auxiliary Lamps (except where prohibited by law)	Two LED @ 20W each
Electric Power Outlet	Electric power accessory port in fairing and Tour-Pak®
GPS System	New Boom!™ Box 6.5GTS audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.





# CVO™

# CVO™ STREET GLIDE® Model Specifications<sup>1</sup> FLHXSE

DIMENSIONS	
Length	95.9 in. (2435 mm)
Overall Width	37.8 in. (960 mm)
Overall Height	53 in. (1345 mm)
Seat Height:	
• Laden <sup>2</sup>	26.1 in. (663 mm)
• Unladen	27.4 in. (695 mm)
Ground Clearance	5.1 in. (130 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.7 in. (170 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	130/60B19 61H
• Rear – D407	180/55B18 80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	842 lb. (382 kg)
• In Running Order	877 lb. (398 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.4 cu. ft. (0.068 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Paper, washable
Exhaust	Dual, with crossover
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame, two-piece stamped and welded backbone; cast and forged junctions; twin down tubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>5</sup> (Gloss Black and Contrast Black Anodize Talon option):	Gloss Black and Contrast Chrome Talon
• Front	19 in. x 3.5 in. (483 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .28 in. (300 mm x 7.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	4.60 in. (117 mm)
• Rear Wheel	2.15 in. (54.6 mm)
PERFORMANCE	
Engine Torque <sup>6</sup> (per J1349):	
• North America	125 ft. lb. @ 3500 rpm (169 Nm @ 3500 rpm)
Lean Angle (per J1168):	
• Right	32°
• Left	31°
Fuel Economy <sup>7</sup> (Estimated City/Hwy)	41 mpg (5.7 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @13V, 2000 RPM, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	LED 34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system <sup>7</sup> , gear indication, battery, low fuel warning, cruise control, ABS, miles to empty display, fog/aux lamp indicator, Tire Pressure Monitoring System indicator
Gauges	Custom gauges styled to complement each CVO vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
GPS System	New Boom!™ Box 6.5GTS audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.



# CVO™

# CVO™ ROAD GLIDE® Model Specifications<sup>1</sup> FLTRXSE

DIMENSIONS	
Length	96.9 in. (2460 mm)
Overall Width	38 in. (965 mm)
Overall Height	50.4 in. (1280 mm)
Seat Height:	
• Laden <sup>2</sup>	25.9 in. (658 mm)
• Unladen	26.8 in. (680 mm)
Ground Clearance	4.9 in. (125 mm)
Rake (steering head)	26°
Fork Angle	29.25°
Trail	6.8 in. (173 mm)
Wheelbase	64 in. (1625 mm)
Tires (Dunlop® Harley-Davidson® Series, bias blackwall front and rear):	
• Front – D408F	BW 130/60B21 M/C63H
• Rear – D407	BW 180/55B18 M/C80H
Fuel Capacity	6 gal. (22.7 l) <i>(warning light at approximately 1 gal.)</i>
Oil Capacity (w/filter)	5.2 qt. (4.9 l)
Transmission Capacity	1 qt. (.95 l)
Primary Chain Case Capacity <sup>3</sup>	1.1 qt. (1 l)
Weight:	
• As Shipped	849 lb. (385 kg)
• In Running Order	884 lb. (401 kg)
• Gross Vehicle Weight Rating	1360 lb. (617 kg)
• Gross Axle Weight Rating	
• Front	500 lb. (227 kg)
• Rear	927 lb. (420 kg)
Luggage Capacity:	
• Volume	2.4 cu. ft. (0.068 m <sup>3</sup> )
ENGINE	
Engine	Milwaukee-Eight® 117
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; four valves per cylinder
Bore x Stroke	4.075 in. x 4.5 in. (104 mm x 114 mm)
Displacement	117 cu. in. (1923 cc)
Compression Ratio	10.2:1
Fuel System <sup>4</sup>	Electronic Sequential Port Fuel Injection (ESPFI)
Air Cleaner	Synthetic media, non-oil
Exhaust	Dual, with crossover
Lubrication System	Pressurized, dry-sump with oil cooler

DRIVETRAIN	
Primary Drive	Chain, 34/46 ratio
Final Drive	Belt, 32/68 ratio
Clutch	Hydraulically actuated 10 plate, wet Assist & Slip
Transmission	6-Speed Cruise Drive®
Gear Ratios (overall):	U.S.
• 1st	9.593
• 2nd	6.65
• 3rd	4.938
• 4th	4
• 5th	3.407
• 6th	2.875
CHASSIS	
Frame	Mild steel; tubular frame, two-piece stamped and welded backbone; cast and forged junctions; twin down tubes; bolt-on rear frame with forged fender supports; MIG welded
Swingarm	Mild steel, two piece drawn and welded section; forged junctions; MIG welded
Front Forks	49 mm Dual Bending Valve
Rear Shocks	Premium Low Hand-Adjustable Rear Suspension
Wheels <sup>4</sup> (Gloss Black and Contrast Black Anodize Knockout option):	Gloss Black and Contrast Chrome Knockout
• Front	21 in. x 3.5 in. (533 mm x 89 mm)
• Rear	18 in. x 5 in. (457 mm x 127 mm)
Brakes:	
• Caliper Type	32 mm, 4-piston fixed front and rear
• Rotor Type (diameter x width):	Dual floating rotors (front), fixed rotor (rear)
• Front (dual)	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Rear	11.8 in. x .2 in. (300 mm x 5.1 mm)
• Anti-Lock Braking System	Standard
Suspension Travel:	
• Front Wheel	3.6 in. (91 mm)
• Rear Wheel	2.2 in. (55 mm)
PERFORMANCE	
Engine Torque <sup>5</sup> (per J1349):	
• North America	126 ft. lb. @ 3750 rpm (171 Nm @ 3750 rpm)
Lean Angle (per J1168):	
• Right	33.7°
• Left	33.9°
Fuel Economy <sup>6</sup> (Estimated City/Hwy)	41 mpg (5.7 l/100 km)

ELECTRIC	
Battery (per Battery Council International Rating)	Sealed, maintenance-free, 12V, 28-amp/hour, 405 cca
Charging	Three-phase, 48-amp system (600W @13V, 2000 RPM, 625W max power @ 13V)
Starting	1.6 kW electric with solenoid shift starter motor engagement
Lights (as per country regulation):	
• Headlamp (LED)	LED 34-watt, 915 lumen low beam, 37-watt, 915 lumen high beam with switchable 20-watt, 1,220 lumen LED Fog Lamps. Total of 2,136 lumen output at low beam with fog lights
• Tail/Stop Lights	LED
• Front Signal Lights	LED
• Indicator Lamps	High beam, running lights, front fender running lights, directional lights, neutral, low oil pressure, engine diagnostics, accessory, speakers, turn signals, security system <sup>7</sup> , gear indication, battery, low fuel warning, cruise control, ABS, miles to empty display, fog/aux lamp indicator, Tire Pressure Monitoring System indicator
Gauges	Custom gauges styled to complement each CVO vehicle. Display features odometer, trip A, trip B, range to empty and gear indicator; and larger tell-tale indicators
Electric Power Outlet	Electric power accessory port in fairing
GPS System	New Boom!™ Box 6.5GTS audio system with GPS and touchscreen
WARRANTY	
Warranty <sup>8</sup>	24 months (unlimited mileage)
Service Interval <sup>9</sup>	First 1000 miles (1600 km), every 5000 miles (8000 km) thereafter

<sup>1</sup> Vehicles depicted may differ from the vehicle 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 change or discontinue other available models, without notice and without incurring any obligation. Vehicles in the configurations shown and many of the accessories described may not be available for sale or use in some locations. Please check with your dealer for complete product details and the latest information regarding available models and accessories. All models feature 6-speed transmission (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.