



2021 XL 883N IRON 883™

DIMENSIONS

Notes

Length	86 in. (2,185 mm)	
Overall Width	33.5 in. (850 mm)	
Overall Height	44.9 in. (1,140 mm)	
Seat Height, Laden	25.7 in. (653 mm)	2
Seat Height, Unladen	29.9 in. (760 mm)	
Ground Clearance	5.5 in. (140 mm)	
Rake (steering head) (deg)	30	
Fork Angle (deg)	30	
Trail	4.6 in. (117 mm)	
Wheelbase	59.6 in. (1,515 mm)	
Tires, Type	Michelin® Scorcher® "31" front and rear	
Tires, Front Model	Scorcher® "31"	
Tires, Front Specification	100/90B19 57H	
Tires, Rear Model	Scorcher® "31"	
Tires, Rear Specification	150/80B16 77H	
Fuel Capacity	3.3 gal. (12.5 l)	
Reserve Fuel Capacity, Fuel Injection (warning light)	0.8 gal. (3 l)	
Oil Capacity (w/filter)	2.8 qt. (2.6 l)	
Transmission Capacity	1 qt. (.95 l)	
Primary Chain Case Capacity	N/A	
Coolant Capacity	N/A	
Weight, As Shipped	545 lb. (247 kg)	
Weight, In Running Order	564 lb. (256 kg)	
Gross Vehicle Weight Rating	1,000 lb. (454 kg)	
Gross Axle Weight Rating, Front	335 lb. (152 kg)	
Gross Axle Weight Rating, Rear	665 lb. (302 kg)	
Luggage Capacity -Volume	N/A	

ENGINE

Engine	Air-cooled, Evolution®
Valves	Pushrod-operated, overhead valves with hydraulic, self-adjusting lifters; two-valves per cylinder
Bore	3 in. (76.2 mm)
Stroke	3.811 in. (96.8 mm)

Displacement	53.9 cu in (883 cc)	
Compression Ratio	0.375694444	
Fuel System	Electronic Sequential Port Fuel Injection (ESPFI)	3
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) 1st	10.41	
Gear Ratios (overall) 2nd	7.436	
Gear Ratios (overall) 3rd	5.531	
Gear Ratios (overall) 4th	4.584	
Gear Ratios (overall) 5th	3.931	
Gear Ratios (overall) 6th	N/A	

CHASSIS

Frame	Mild steel, tubular frame; circular sections; cast junctions	
Swingarm	Mild steel, rectangular tube section, stamped junctions; MIG welded	
Front Fork	39 mm	
Rear Shocks	Coil-over; preload dual-adjustable	
Wheels, Front Type	Black 9 Spoke with Machined Highlights	4
Wheels, Front Width	2.15 in. (55 mm)	
Wheels, Front Height	19 in. (483 mm)	
Wheels, Rear Type	Black 9 Spoke with Machined Highlights	4
Wheels, Rear Width	3 in. (76 mm)	
Wheels, Rear Height	16 in. (406 mm)	
Brakes, Caliper Type	Dual-piston front, Dual-piston rear	
Brakes, Rotor Type	Solid, uniform expansion rotors (Floating front)	
Brakes, Front Diameter	11.8 in. (300 mm)	
Brakes, Front Thickness	0.2 in. (5 mm)	
Brakes, Front is dual	No	
Brakes, Rear Diameter	10.24 in. (260 mm)	
Brakes, Rear Thickness	0.28 in. (7.1 mm)	
Brakes, Anti-Lock Braking System (ABS)	Optional	
Suspension Travel, Front	3.6 in. (92 mm)	
Suspension Travel, Rear	1.6 in. (41 mm)	

PERFORMANCE

Engine Torque Testing Method	J1349
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Engine Torque	54 ft-lb (73 Nm)	5
Engine Torque (rpm)	3,750	
Lean Angle Testing Method	J1168	
Lean Angle, Right (deg.)	27	
Lean Angle, Left (deg.)	28	
Fuel Economy Testing Method	Estimated City/Hwy	
Fuel Economy	51 mpg (4.6 l/100 km)	6

ELECTRIC

Battery	Sealed lead acid, maintenance-free, 12V, 12 amp/hour, 200 cca (per Battery Council International Rating)	
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	
Lights (as per country regulation), Tail/Stop	Incandescent	
Lights (as per country regulation), Front Signal Lights	N/A	
Lights (as per country regulation), Indicator Lamps	High beam, neutral, low oil pressure, turn signals, engine diagnostics, low fuel warning, low battery, security system (if equipped), ABS (if equipped)	7
Lights, Rear Turn Signals	Incandescent bullet turn signals	
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	
Auxiliary Lamps	N/A	
Electric Power Outlet	N/A	
GPS System	N/A	
Reverse Gear	N/A	

WARRANTY AND SERVICE

Warranty	24 months (unlimited mileage)	8
Service Interval	First 1,000 miles (1600 km), every 5,000 miles (8,000 km) thereafter	9

FOOTNOTES

1

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

2

Measurement reflects 180 lb. (81.7 kg) operator weight.

3

Recommended 91 octane or higher fuel (R+M)/2.

4

Standard and optional wheels may vary by country and region.

5

Values shown are nominal. Performance may vary by country and region.

6

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.

7

North America security system includes immobilizer; outside North America the security system includes immobilizer and siren.

8

See motorcycle owner's manual for complete details.

9

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