



2002 TOURING SPECIFICATIONS¹: FLHR ROAD KING

DIMENSIONS

Length	2440 mm
Seat Height (measure laden w/ 82 kg rider)	693 mm
Ground Clearance	130 mm
Rake	26 degrees
Trail	156.5 mm
Wheelbase	1592 mm
Tyres: Dunlop Harley-Davidson Series D402	
Front	MT90B16 72H
Rear	MT90B16 74H
Fuel Capacity	18.9 L
Reserve Fuel Capacity	3.4 L
Oil Capacity	3.8 L
Empty Weight	345 kg

ENGINE²

Engine	Twin Cam 88 (vibration isolation-mounted)
Valves	Pushrod-operated overhead valves; with hydraulic self-adjusting lifters; two valves per cylinder
Bore and Stroke	95.3 x 101.6 mm
Displacement	1449 cc
Compression Ratio	8.8:1
Fuel System	Carburetion (40 mm constant velocity with enricher and accelerator pump)
Air Cleaner/Filter	Oval with spun aluminium insert, high-efficiency, pleated paper filtration
Ignition	Single-fire, non-wasted, map-controlled spark ignition system; electronic breakerless with multiple advance curve matrix
Lubrication System	Dry sump, internally mounted, crank driven gerotor pressure and dual scavenge pump with spin on 10µ pressurized oil filter

DRIVETRAIN

Primary Drive	Double-row chain; oil bath; mechanical tensioner; 25/36-tooth sprockets (1.44:1)
Final Drive	Gates aramid fibre reinforced Poly Chain belt; 32/70-tooth sprockets; 2.188:1
Clutch	Multi-plate with diaphragm spring in oil bath
Transmission	Five-speed, constant mesh
Gear Ratio:	
1st	3.21
2nd	2.21
3rd	1.57
4th	1.23
5th	1.00

CHASSIS

Frame	Mild steel; square-section backbone with twin downtubes
Swing Arm	Mild steel, rectangular section
Front Fork	Hydra Glide style
Rear Shocks	Air-adjustable
Wheels	16 in. front and rear, 9-hollow spoke, cast aluminium alloy (laced option)
Wheel Bearings	Dual-sealed, automotive-style, ball-type
Brakes:	
Caliper Type	Four-piston front and rear
Rotor Type (diameter):	Patented, Uniform Expansion Rotors
Front (DUAL)	292 mm
Rear	292 mm
Suspension travel:	
Front	117 mm
Rear	77 mm

PERFORMANCE

Engine Torque	110 NM @ 3100 rpm
Braking at 97 kph:	
Maximum load	48.0 m

PERFORMANCE continued

Lean Angle (per SAEJ1168):	
Right	33 degrees
Left	31 degrees

ELECTRIC

Battery	Sealed, maintenance-free, 12-volt, 28 amp-hour, 300 cca (per Battery Council International rating)
Charging	234 watts @ 1000 rpm;
Carbureted	481 watts @ 3000 rpm; 494 watts peak
Starting	1.2 kw electric with Bendix-type engagement
Lights (As per country regulation)	
Headlamp	Quartz halogen, 55-watt low beam, 60-watt high beam
Passing lamps	2 @ 35 watts each (except where prohibited by law)
Tail/stop lights	5w/21w
Turn signal lights	21w self-cancelling
Running lights	Integrated in fender tips and front turn signals (except where prohibited by law)
Indicator lamps	High beam, neutral, oil pressure, engine diagnostic light, turn signals, and security system (optional)

STYLING/CONVENIENCE

Engine Trim	Black powdercoat with chrome covers
Exhaust System	Crossover duals
Seat	Custom solo saddle with removable passenger pillion
Passenger Backrest	none
Handlebars	Road King "Buffalo Bar"
Footboards	Height-adjustable operator and passenger
Fairing	none
Fairing Air Deflectors	none
Lower Fairings	none
Windshield	Large, clear Lexan; quick-detachable
Glovebox	none
Instruments	Electronic speedometer with odometer and resettable tripmeter; fuel gauge with low fuel light
Stereo	none
Antenna	none
Rear Speakers	none
Intercom	none
CB	none
Headset	none
Cruise Control	Wired to accept cruise control
Handlebar Controls	Start; engine cutoff; L/R turn signals; horn; hi/low beam; cruise on/off and set/resume
Hazard Warning	Integrated with turn signal controls
Electrical Power Outlet	4-pin accessory connector beneath seat
Tour-Pak	none
Saddlebags	Fibreglass with hinged lid and chrome slant latches, volume: 36L per bag
Luggage Locks	Saddlebag barrel-key, common with ignition
Fork Lock, Gas Cap Lock	Barrel-key, common with ignition

COLOURS³

Vivid Black, Real Teal Pearl, Luxury Rich Red Pearl, Concord Purple Pearl
Two-tone Luxury Blue/Diamond Ice, Two-tone Luxury Rich Red/Black
Two-tone Suede Green/Pearl Black

SERVICING

Service Interval	First 1,600 Km; every 8,000 Km thereafter. – Inspections of certain systems and components are required at 4,000 Km intervals
------------------	---

¹ Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws, and some models are not available in certain countries.

² Additional Twin Cam 88 specs available.

³ Availability may vary from dealer to dealer, and is subject to change without notice.