



2002 TOURING SPECIFICATIONS¹: FLHTCUI ULTRA CLASSIC ELECTRA GLIDE

DIMENSIONS

Length	2500 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 (includes 0.9 gal. reserve)	18.9 L
Reserve Fuel Capacity (warning light @ approx. 1.0 gal.)	3.3 L
Oil Capacity	3.3 L
Empty Weight	385 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	ESPFI (Twin runner, 38mm throttle bore electronic sequential port fuel injection)
Air Cleaner/Filter	Oval, with ESPFI-identifying, embossed 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 pressurised oil filter

DRIVETRAIN

Primary Drive	Double-row chain; oil bath; mechanical tensioner; ESPFI 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: ESPFI	
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	Cartridge style damping
Rear Shocks	Air-adjustable
Wheels	16 in. front and rear, (laced)
Wheel Bearings	Dual-sealed, automotive-style, ball-type
Brakes:	
Calliper 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	109.5 NM @ 3300 rpm
Braking at 97 kph:	
Maximum load	48.0 m
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	377 watts @ 1000 rpm; 572 watts @ 3000 rpm; 585 watts peak

ELECTRIC continued

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	3 each @ 21w
Turn signal lights	21w self-cancelling Running lights
Indicator lamps	Integrated in fender tips, Tour-Pak and front turn signals (except where prohibited by law)
	High beam, passing lamps, neutral, oil pressure, engine diagnostic light, low fuel warning, cruise control, speakers, accessory, turn signals and security system (optional)

STYLING/CONVENIENCE

Engine Trim	Black powdercoat with chrome covers
Exhaust System	Crossover duals
Seat	Extended comfort; wide, pillow-look; accepts available driver backrest
Passenger Backrest	Integrated in Tour-Pak lid with wrap-around armrest
Handlebars	Touring handlebar
Footboards	Height-adjustable operator and passenger
Fairing	Fork-mounted "Bat Wing"
Fairing Air Deflectors	Clear Lexan with hand-removable fasteners
Lower Fairings	Fibreglass; removable; integral glove boxes
Windshield	Clear Lexan
Glovebox	2 located in lower fairings with snap-covers
Instruments	Electronic Speedometer and tachometer; fuel gauge; voltmeter; oil pressure gauge; clock (integrated in stereo); ambient air temperature gauge; odometer and resettable trip meter
Stereo	Premium Sound System (40 watts per speaker) with AM/FM/cassette, fairing-mounted speakers, Weather Band, digital clock, radio controls for passenger, bi-directional seek and scan, music search and music scan, 4 presets and automatic volume control with adjustable sensitivity
Aux. Audio Input	On radio face; will accommodate any line-level audio output device, like personal CD or MP3 player
Antenna	Twin AM/FM/WB and CB antennae
Rear Speakers	Integral with passenger backrest
Intercom	Push-to-talk, or voice-activated with adjustable sensitivity
CB	4-Watt, 40-Channel electronically tuned CB (prohibited in some countries) with passenger controls
Headset/headset receptacles	Driver and passenger stereo helmet headset receptacles for CB/intercom/sound system (use restricted in some states and countries; single headset included)
Cruise Control	Electronic with set, resume, accelerate and decelerate functions
Handlebar Controls	Start; engine cutoff; L/R turn signals; horn; hi/low beam; sound system audio and channel control, CB/intercom and cruise control
Hazard Warning	Integrated with turn signal controls
Electrical Power Outlet	Cigarette lighter; 4-pin accessory connector beneath seat
Tour-Pak	Deluxe, fibreglass, side-hinged with capacity for 2 full-face helmets, fabric-lined interior, custom-fit woven-nylon soft luggage liners, storage pocket, and integral wraparound rear tail/brake lights, volume: 75L
Saddlebags	Fibreglass with hinged lids and slant chrome latches, custom-fit woven-nylon soft luggage liners, chrome dual-rail saddlebag guards volume: 36L per bag
Luggage Locks	Tour-Pak and saddlebag barrel-key; common with ignition
Fork Lock	Integrated with ignition
Gas Cap Lock	Barrel-key, common with ignition

COLOURS³

Vivid Black, Jade Sunglo Pearl, Luxury Blue Pearl, Luxury Rich Red Pearl, White 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
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¹ Harley-Davidson reserves the right to discontinue models or change specifications at any time without incurring any obligations. Vehicle specifications may vary from country to country depending on local laws, and some models are not available in certain countries.

² Additional Twin Cam 88 specs available.

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