

CB1300



All specifications are provisional and subject to change without notice.

CB1300

2008 Executive Summary



Usable power. Aggressive looks.
Addictive thrills.

Pure, naked muscle, powered by a stunning DOHC inline-4 powerplant. The monstrous CB1300 is truly deserving of its moniker: 'King of the CBs'. A handful of throttle instantly dials up an intimidating roar of performance; the promise of tyre-shredding acceleration always at its rider's fingertips. Yet its traditional naked form, luscious, lustrous paint-job and exemplary shine of beautifully formed aluminium and chrome speak of classic, deeply satisfying motorcycling pleasure. Its majestic, industrial-looking engine looms proudly in its frame, effortlessly churning out street-stomping power that never grows old. Speed builds smoothly and effortlessly from deep within its expansive powerband, delivering its most scintillating thrills in its full-bodied, torquey midrange, while crisp, sure-footed handling ensure the big CB's heady excitement can be savoured all day, every day. Big and bold, the CB1300 offers a surprisingly comfortable riding position thanks to its accommodating seat height and slimline sidecovers offering a straight and easy reach to the ground. Braking performance is impeccable – and an ABS version is available for even greater braking confidence. The S version's sporty and beautifully integrated half-fairing also features two handy storage pockets. For anyone searching after genuine, accessible excitement and total involvement in their ride, look no further than the big, brawny CB1300, a breathtaking embodiment of naked Honda attitude.

Features

Those who enjoy envious looks of admiration and have a taste for raw, immediate performance matched by vivid, responsive control will find the majestic CB1300 to be a motorcycle that lives up to both their needs and their desires.

New Features

- Newly restyled stainless steel 4-into-2-into-1 canister exhaust system enhances sporty appearance while being fully EURO-3 compliant.
- New IACV (Intake Air Control Valve) replaces manual choke with automatic operation that realises smoother response to small changes in throttle input and greatly reduced torque reaction.
- New HECS3 oxygen-sensing catalytic exhaust gas converter system minimises emissions of harmful exhaust gases to ensure full compliance with strict EURO-3 emissions regulations.
- New matte black engine colour enhances imposing engine appearance and adds to aggressive styling.
- New Pearl Sunbeam White (with Candy Arcadian Red) colour variation.
- Faired 'S' version comes in new Pearl Sunbeam White and Darkness Black Metallic colour variations.

Styling

- Imposing, muscular design centres around stark, mechanical look of big, black inline-4 engine.
- Flawless sheen of gleaming bare aluminium and chrome, and refined finish in every detail place value and quality at centre of bike design.
- Low, broad and compliant seat adds to greater long-term riding comfort and seamless enjoyment of bike's performance.
- Slimline sidecovers offer a comfortable riding position and straight, easy reach to the ground for riders of all heights.



- Elegant fully electronic instrument panel with soft amber (CB1300) or pale blue (CB1300S) backlighting.
- Brilliant multi-segment LED taillight.
- Racing-inspired U-section 5-spoke black wheels emphasise sporty superbike look.

Engine

- Fuel-injected, liquid-cooled DOHC inline-4 powerplant tuned for strong midrange performance and breathtaking thrusts of acceleration.
- Fuel injection and ignition systems fine-tuned for smoother response, while specially designed clutch and wheel dampers buffer out any remaining jerkiness at lower speeds.
- Power output maximised in the midrange for optimal useable torque and exhilarating day-to-day riding enjoyment.
- 21-litre fuel tank capacity ensures ample power and cruising capability for all-day touring.

Chassis

- Lightweight and rigid classic double-cradle steel tube frame provides light and responsive handling while ably harnessing engine's power.
- Compliant 43mm cartridge-type front fork and dual remote reservoir rear dampers supporting large box-section aluminium swingarm ensure swift handling and a comfortable ride.
- High-performance, fine-tuned four-piston calliper dual front disc brakes with large-diameter 310mm floating rotors.
- Front brake lines fine-tuned for top performance with braided steel lines substituted in critical areas to ensure sharper, more confident control with minimal effort.
- Compact single-piston calliper rear disc brake fine-tuned for extra confidence and control.

- Deluxe ABS version features Honda's most advanced Antilock Brake System for supremely smooth and sure braking control.

- 3-point engine mounting system features a single rubber rear mount designed to convey engine's exhilarating power while keeping annoying buzzes of vibration to a minimum.

- Wheelbase is shorter and seat height lower than average for such a big machine, thus contributing to handling as light and responsive as a smaller sportbike.

- Massive 40 x 90mm box-section aluminium swingarm provides a plush ride, confident control, and positive delivery of the engine's enormous power to the ground.

- Classic twin-shock rear dampers with integrated gas-charged remote reservoirs soak up the bumps while maintaining responsive control.

- Rear dampers secured by an impressive pair of machine-forged aluminium lower mounts incorporated into the swingarm's axle holder end caps.

- Lightweight and sporty-looking U-section 5-spoke cast aluminium wheels add to professional race machine image.

- 17" rims and tyres are narrower than average in the litre class, and deliver remarkably light and effortless handling.

- 'S' version features compact, elegant and highly aerodynamic half fairing that leaves no doubt as to the bike's high-speed and high-performance capabilities.

Equipment

- Large, traditional twin binnacle-style multi-function instrument panel features fully electronic speedometer and tachometer gauges, an LCD digital clock and fuel gauge and a multi-function riding computer that calculates travelling parameters and air temperature.



- Honda Ignition Security System (HISS) helps prevent ride-away theft by disabling ignition system at its central ECU.
- Spacious lockable underseat utility space is designed to hold long-distance riding necessities as well as U-locks or other anti-theft devices.

Optional Equipment

Honda Access will supply the 2008 CB1300 with a wide range of optional accessories to add to its comfort, practical versatility and anti-theft protection. These include:

- A windscreen for the naked (CB1300) version that offers relief from wind blast at high speeds.
- A cargo net that holds luggage to the rear carrier or pillion seat.
- A 13-litre magnetic tankbag that can hold an A4 file.
- A sturdy aluminium rear carrier with pillion grab rails.
- Honda Wing and HRC tank pads.
- A piercing alarm system to warn off potential thieves.
- A barrel key U-lock that fits under the seat.

Specifications

General	
Model	CB1300
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	1,284cm ³
Bore x Stroke	78 x 67.2mm
Compression Ratio	9.6 : 1
Max. Power Output	84kW / 7,750min ⁻¹ (95/1/EC)
Max. Torque	116Nm / 6,000min ⁻¹ (95/1/EC)
Idling Speed	1,000min ⁻¹
Oil Capacity	4 litres
Fuel System	
Carburation	PGM-FI electronic fuel injection
Throttle Bore	36mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	21 litres (including 4.5-litre warning light reserve)
Electrical System	
Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	5° BTDC (idle) ~ 46° BTDC (3,500min ⁻¹)
Sparkplug Type	DPR8EA9 (NGK); X24EPR-U9 (DENSO)
Starter	Electric
Battery Capacity	12V / 14AH
ACG Output	420W / 5,000min ⁻¹
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)
Drivetrain	
Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission	5-speed
Primary Reduction	1.652 (76/46)
Gear Ratios	3.083 (37/12)
	2 2.062 (33/16)
	3 1.545 (34/22)
	4 1.272 (28/22)
	5 1.130 (26/23)
Final Reduction	2.167 (39/18)
Final Drive	#530 sintered link chain
Frame	
Type	Double-cradle; steel tube

Chassis	
Dimensions	2,220 x 790 x 1,120mm
Wheelbase	1,515mm
Caster Angle	25°
Trail	99mm
Turning Radius	2.7m
Seat Height	790mm
Ground Clearance	135mm
Kerb Weight	258kg (F: 127kg; R: 131kg), *263kg (F: 129kg; R: 134kg)
Max. Carrying Capacity	196kg
Loaded Weight	459kg (F: 174kg; R: 285kg)
Suspension	
Type	Front 43mm cartridge-type telescopic fork with adjustable compression and rebound damping, 120mm axle travel
	Rear Dual conventional dampers with 5-step adjustable spring preload, 116mm axle travel
Wheels	
Type	Front U-section 5-spoke cast aluminium
	Rear U-section 5-spoke cast aluminium
Rim Size	Front 17M/C x MT3.50
	Rear 17M/C x MT5.50
Tyre Size	Front 120/70 ZR17M/C (58W)
	Rear 180/55 ZR17M/C (73W)
Tyre Pressure	Front 250kPa
	Rear 290kPa
Brakes	
Type	Front 310 x 4.5mm dual disc with 4-piston callipers (*ABS) and sintered metal pads
	Rear 256 x 6mm single-piston calliper disc with (*ABS) and sintered metal pads

* ABS version