

CB1300S



All specifications are provisional and subject to change without notice.

CB1300S

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		CB1300S
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		1° BTDC (idle) ~ 46° BTDC (3,500min ⁻¹)
Sparkplug Type		DPR8EA9 (NGK); X24EPR-U9 (DENSO)
Starter		Electric
Battery Capacity		12V / 12AH
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 1,215mm
Wheelbase		1,515mm
Caster Angle		25°
Trail		99mm
Turning Radius		2.7m
Seat Height		790mm
Ground Clearance		135mm
Kerb Weight		269kg (F: 133kg; R: 136kg)
Max. Carrying Capacity		190kg
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