

CB1300S

2009 Press Information



Introduction

Pulse-racing performance. Immediate involvement. Sheer sensation. Projecting bold attitude and delivering an awe-inspiring rush of raw excitement, the CB1300S responds to throttle input with an intimidating blast of performance, followed up by rip-roaring acceleration and smooth, addictive power delivery. The aerodynamic fairing screams of speed and comfortably slices through the wind, leaving no doubt as to the bike's intentions (and concealing some handy storage space). The combination of big-bike performance and style, with light, effortless handling and comfortable seating is brilliantly executed. The accommodating seat height and slimline sidecovers combine to offer a straight and easy reach to the ground. Solid stopping power comes from high-performing four-piston front disc brakes; ABS is standard, ensuring supreme braking confidence and control. The CB1300S's superb styling alone is enough to set your heart racing, with flawless bodywork, an imposingly stark, black engine, bare aluminium, shining chrome details and high-tech, blue backlit instrument panel. But the real thrills come when you climb aboard and get back to the basics of pure naked motorcycling fun. Refreshingly simple and disturbingly addictive, the CB1300S is a breathtaking embodiment of naked Honda attitude.

- Elegant, compact and highly aerodynamic half fairing leaves no doubt as to the CB1300S's high-speed and high-performance capabilities.
- Fuel-injected, liquid-cooled DOHC inline-4 powerplant tuned for strong midrange performance and breathtaking thrusts of acceleration.
- HECS3 oxygen-sensing catalytic converter system minimises harmful exhaust gas emissions to ensure full EURO-3 compliance.
- 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 four-piston caliper front disc brakes equipped with Honda's most advanced Antilock Brake System for supremely smooth and sure braking control.

Colours

- to be confirmed

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 calipers, ABS and sintered metal pads
	Rear	256 x 6mm single-piston caliper disc with ABS and sintered metal pads