

# 2007

## CBR1100XX SUPER BLACKBIRD

### PRESS INFORMATION

Built with the look of speed...and the performance to back it up, the CBR1100XX Super Blackbird soars down the motorways with the breathtaking performance and velocity of the supersonic flier from which it takes its name. Expressway touring becomes a point and shoot affair of effortless acceleration and precise control. Tight mountain curves seem to straighten under its wheels. The Blackbird's sleek, fully enclosed form envelops a highly tuned, fuel-injected 1,100cc inline-4 engine that delivers explosive rushes of acceleration tempered with silky smooth operation at all speeds. In satin black finish, its lightweight and highly rigid twin-spar aluminium frame firmly grips compliant, sure-handling Super Sports suspension systems and responsive Dual Combined Brakes, all of which contribute to its renowned balance of sports touring control.

Whether making blistering assaults at the sound barrier or taking leisurely 2-up tours to distant lands of mystery and intrigue, the Super Blackbird maximises your potential for long-term sports touring comfort and impeccably smooth high-speed runs across the landscape. Slip into its cockpit, open its afterburners, and you may never come back again.

### Colours

- **Darkness Black Metallic**
- **Iron Nail Silver Metallic**

# Specifications CBR1100XX Super Blackbird ED-type

## Engine

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Type	Liquid-cooled 4-stroke 16-valve DOHC inline-4
Displacement	1,137cm <sup>3</sup>
Bore x Stroke	79 x 58mm
Compression Ratio	11 : 1
Max. Power Output	112kW / 9,500min <sup>-1</sup> (95/1/EC)
Max. Torque	119Nm / 7,250min <sup>-1</sup> (95/1/EC)
Idling Speed	1,100min <sup>-1</sup>
Oil Capacity	4.6 litres

## Fuel System

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Carburation	PGM-FI electronic fuel injection
Throttle Bore	42mm
Airecleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	23 litres (including 4-litre warning light reserve)

## Electrical System

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Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	9° BTDC (idle) ~ 36° BTDC (4,500min <sup>-1</sup> )
Sparkplug Type	CR9EHVX-9 (NGK)
Starter	Electric
Battery Capacity	12V / 10AH
ACG Output	460W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)

## Drivetrain

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Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission	6-speed
Primary Reduction	1.571 (88/56)
Gear Ratio	1 2.769 (36/13)
	2 2.000 (32/16)
	3 1.579 (30/19)
	4 1.333 (28/21)
	5 1.167 (28/24)
	6 1.042 (25/24)
Final Reduction	2.588 (44/17)
Final Drive	O-ring sealed chain

## Frame

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Type	Diamond; triple-box-section aluminium twin-spar
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## Chassis

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Dimensions	(LxWxH)	2,160 x 720 x 1,200mm
Wheelbase		1,490mm
Caster Angle		25°
Trail		99mm
Turning Radius		3.2m
Seat Height		810mm
Ground Clearance		130mm
Dry Weight		227kg
Kerb Weight		253kg (F: 124kg; R: 129kg)
Max. Carrying Capacity		185kg
Loaded Weight		403kg (F: 159kg; R: 244kg)

## Suspension

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Type	Front	43mm H.M.A.S. cartridge-type telescopic fork, 120mm axle travel
	Rear	Pro-Link with gas-charged H.M.A.S. damper, stepless adjustable rebound damping, 120mm axle travel

## Wheels

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Type	Front	Hollow-section triple-spoke cast aluminium
	Rear	Hollow-section triple-spoke cast aluminium
Rim Size	Front	17 x MT3.50
	Rear	17 x MT5.50
Tyre Size	Front	120/70 ZR17 (58W)
	Rear	180/55 ZR17 (73W)
Tyre Pressure	Front	290kPa
	Rear	290kPa

## Brakes

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Type	Front	310 x 5mm dual hydraulic disc with Combined 3-piston callipers and sintered metal pads
	Rear	256 x 5mm hydraulic disc with Combined 3-piston calliper and sintered metal pads

*All specifications are provisional and subject to change without notice.*