

2005

CBR1100XX SUPER BLACKBIRD

PRESS INFORMATION

The singularly impressive Super Blackbird jets down the motorways with the breathtaking speed and performance of a supersonic flier. Contained within its aerodynamic form are all the power and high-performance riding capability that have made it a favourite among discerning riders everywhere. Its refinement is revealed in sleekly styled bodywork that maximises its potential for comfortable and controlled high-speed runs.

The Super Blackbird's compact, fuel-injected 1,100cc inline-4 engine features dual balancers for explosive rushes of acceleration tempered with silky smooth operation at all speeds. Its lightweight and highly rigid twin-spar aluminium frame provides a robust mount for compliant, sure-handling Super Sports suspension systems and responsive Dual Combined Brakes, all of which contribute to its impeccable control.

Remarkably compact and light of handling, the Super Blackbird is one of the easiest litre bikes there is to enjoy to the full, whether making blistering charges at the sound barrier or taking leisurely 2-up tours to distant lands of mystery and intrigue.

Colours

- Darkness Black Metallic
- Accurate Silver Metallic
- Candy Phoenix Blue

New Features

- New colour variation.

Specifications**CBR1100XX Super Blackbird (ED-type)****Engine**

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

Fuel System

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

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	9° BTDC (idle) ~ 36° BTDC (4,500min ⁻¹)
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

Clutch	Wet, multiplate with coil springs
Clutch Operation	Hydraulic
Transmission Type	6-speed
Primary Reduction	1.571 (88/56)
Gear Ratios	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

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

Chassis

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 (Front: 124kg; Rear: 129kg)

Max. Carrying Capacity 185kg

Loaded Weight 403kg (Front: 159kg; Rear: 244kg)

Suspension

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

Wheels

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

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.