

# **2007 CBF500 PRESS INFORMATION**

The light and attractive CBF500 gives you an exhilarating blend of performance, style and comfort in a mid-sized riding machine that's been specially designed for anyone to fully enjoy. Starting out on your first real motorcycle, or returning to the fold after a long time away? The CBF500 reassuringly lets you know you've come to the right place at the right time. Its quick-revving 499cc liquid-cooled parallel-twin engine provides sharp response and strong acceleration for running errands, seeing friends and flying through the hills, while its lightweight and smooth-handling chassis combines with a low seat height to deliver swift, assured handling when you want it, and a smooth ride everywhere you go.

The CBF500 also has on offer a special ABS version that adds the smooth, confidence-inspiring control of Antilock Brakes to its mix of attractive features. More than the sum of its parts, the CBF500 is an exhilarating motorcycle that you really have to experience for yourself.

## **Colours**

- **Quasar Silver Metallic**
- **Emergency Red Metallic**
- **Interstellar Black Metallic**

# Specifications CBF500 ED-type

## Engine

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Type	Liquid-cooled 4-stroke 8-valve parallel twin
Displacement	499cm <sup>3</sup>
Bore x Stroke	73 x 59.6mm
Compression Ratio	10.5 : 1
Max. Power Output	42kW / 9,500min <sup>-1</sup> (95/1/EC)
Max. Torque	45Nm / 8,000min <sup>-1</sup> (95/1/EC)
Idling Speed	1,300min <sup>-1</sup>
Oil Capacity	3.5 litres

## Fuel System

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Carburation	34mm slanted flat-slide VP-type carburettor x 2
Aircleaner	Viscous, cartridge-type paper filter
Fuel Tank Capacity	19 litres (including 3.5-litre warning light reserve)

## Electrical System

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Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	14° BTDC (idle) ~ 33° BTDC (3,500min <sup>-1</sup> )
Sparkplug Type	CR8EH-9S (NGK); U24FER9 (ND)
Starter	Electric
Battery Capacity	12V / 8.6AH
ACG Output	309W
Headlights	12V, 60W x 1 (low) / 55W x 1 (high)

## Drivetrain

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Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission	6-speed
Primary Reduction	1.947 (74/38)
Gear Ratio	1 3.461 (45/13)
	2 2.235 (38/17)
	3 1.750 (35/20)
	4 1.478 (34/23)
	5 1.280 (32/25)
	6 1.130 (26/23)
Final Reduction	2.733 (41/15)
Final Drive	#525 O-ring sealed chain

## Frame

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Type	Mono-backbone; rectangular-section steel tube
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## Chassis

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Dimensions	(LxWxH)	2,170 x 765 x 1,100mm
Wheelbase		1,480mm
Caster Angle		25°
Trail		110mm
Turning Radius		2.8m
Seat Height		770mm
Ground Clearance		140mm
Dry Weight		183kg (*186kg)
Kerb Weight		206kg (F: 100kg; R: 106kg)
Max. Carrying Capacity		180kg
Loaded Weight		389kg (F: 150kg; R: 293kg)

## Suspension

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Type	Front	41mm telescopic fork, 120mm axle travel
	Rear	Monoshock damper with 7-step adjustable preload, 125mm axle travel

## Wheels

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Type	Front	Twin U-section 6-spoke cast aluminium
	Rear	Twin U-section 6-spoke cast aluminium
Rim Size	Front	17M/C x MT3.50
	Rear	17M/C x MT5
Tyre Size	Front	120/70 ZR17M/C (58W)
	Rear	160/60 ZR17M/C (69W)
Tyre Pressure	Front	250kPa
	Rear	290kPa

## Brakes

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Type	Front	296 x 6mm hydraulic disc with dual-piston calliper (*ABS, triple-piston calliper), and sintered metal pads
	Rear	240 x 5mm hydraulic disc with single-piston calliper (*ABS), and sintered metal pads * ABS Version

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