

2005 CBF500 CBF500 ABS PRESS INFORMATION

The quick and friendly CBF500 is a light and agile fun machine that's not too big and not too small, with a lure of eye-catching styling and exciting performance that won't break the bank. Whether you're just 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.

Built to 'Just Right' proportions that offer special appeal to Europe's growing ranks of women riders, the CBF500 covers a lot of ground with the confident ease of a comfortably low seat and everything positioned within easy reach. The CBF also packs the ample performance of a high-revving liquid-cooled parallel-twin engine into a quick and confident-handling chassis, and wraps it all up in a sleekly attractive styling package that turns heads like it turns corners—fast.

The CBF500 also comes available in a special ABS version that adds the smooth, skid-fighting control of Antilock Brakes to its mix of attractive features. Figure in its wide range of optional accessories, and the compact, easy-to-ride CBF500 adds up to more fun in the saddle than you ever thought possible. Just try it and see.

Colours

- Force Silver Metallic
- Candy Xenon Blue
- Black

Specifications**CBF500 / CBF500 ABS (ED-type)****Engine**

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

Fuel System

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

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

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	6-speed
Primary Reduction	1.947 (74/38)
Gear Ratios	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

Type Mono-backbone; rectangular-section steel tube

Chassis

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
Kerb Weight 206kg (F: 100kg; R: 106kg)
Max. Carrying Capacity 180kg
Loaded Weight 389kg (F: 150kg; R: 293kg)

Suspension

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

Wheels

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 MT5.00
Tyre Size Front 120/70 ZR17M/C (58W)
Rear 160/60 ZR17M/C (69W)
Tyre Pressure Front 250kPa
Rear 290kPa

Brakes

Type Front 296 x 6mm hydraulic disc with dual-piston calliper, (*3-piston calliper, ABS) and sintered metal pads
Rear 240 x 5mm hydraulic disc with single-piston calliper, (*ABS) and sintered metal pads
*CBF500 ABS

All specifications are provisional and subject to change without notice.