

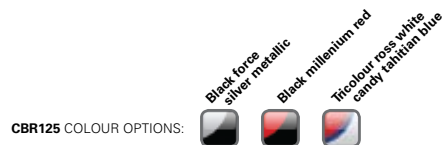
**HONDA**  
The Power of Dreams



**AIR BLADE 125**

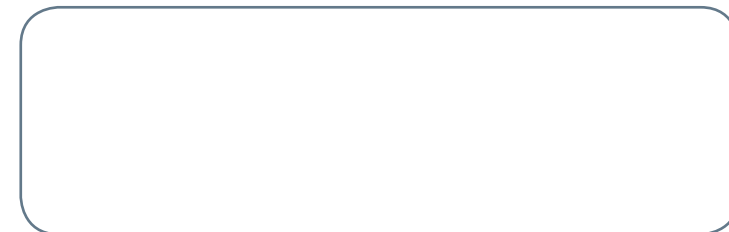
**CBR 125R**

# THE HONDA CBR 125, CBF 125 AND AIRBLADE



SPECIFICATION ENGINE	CBR125	CBF125
Type	Liquid-cooled 4-stroke 2-valve SOHC single	Air-cooled 4-stroke 2-valve OHC single
Displacement	124.7cm <sup>3</sup>	124.7cm <sup>3</sup>
Bore x Stroke	58 x 47.2mm	52.4 x 57.8mm
Compression Ratio	11:01	9.2: 1
Max. Power Output	10kW / 10,000min <sup>-1</sup> (95/1/EC)	8.3kW/8,000min <sup>-1</sup>
Max. Torque	10.6Nm / 8,250min <sup>-1</sup> (95/1/EC)	11.2Nm/6,250min <sup>-1</sup>
Idling Speed	1,450min <sup>-1</sup>	1500rpm
Oil Capacity	1.3 litres	1.1 litres
FUEL SYSTEM		
Carburation	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
Throttle Bore	30mm	26mm
Aircleaner	Dry, cartridge-type paper filter	Non-woven sheet-type
Fuel Tank Capacity	10 litres	13 litres
ELECTRICAL SYSTEM		
Ignition System	Fully transistorised with electronic advance	Computer controlled fully transistorised with electronic advance
Ignition Timing	8° BTDC (idle) ~ 32° BTDC (6,500min <sup>-1</sup> )	10° BTDC (idle) ~ 49° BTDC (5,000min <sup>-1</sup> )
Starter	Electric	Electric
Battery Capacity	12V / 6AH	12V/6AH
ACG Output	290W	170W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)	12V 35W 1 (low) / 35W 1 (high)
DRIVETRAIN		
Clutch	Wet, multiplate with coil springs	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated	Mechanical; cable-actuated
Transmission Type	6-speed	5-speed
Primary Reduction	3.350 (67/20)	3.350
Final Reduction	2.800 (42/15)	2.625
Final Drive	O-ring sealed chain	O-ring sealed chain
FRAME		
Type	Diamond; steel twin-spar	Diamond; steel
CHASSIS		
Dimensions (LxWxH)	1,920 x 675 x 1,070mm	1,955 760 1,110mm
Wheelbase	1,294mm	1,270mm
Caster Angle	25°	25° 55'
Trail	88mm	89mm
Turning Radius	2.5m	2.10mm
Seat Height	776mm	792mm
Ground Clearance	172mm	173mm
Kerb Weight	127.3kg (F: 61.4kg; R: 65.9kg)	128kg
Max. Carrying Capacity	180kg	180kg
Loaded Weight	307.3kg (F: 148.1kg; R: 159.2kg)	308kg
SUSPENSION		
Type: Front	31mm telescopic fork, 109mm axle travel	30mm telescopic fork, 115mm axle travel
Rear	Monoshock damper, 120mm axle travel	Conventional twin shock, double tube damper with 3-step adjustable spring preload, 87mm axle travel
WHEELS		
Type: Front	U-section 6-spoke cast aluminium	U-cross-section 6-spoke cast aluminium
Rear	U-section 6-spoke cast aluminium	U-cross-section 6-spoke cast aluminium
Rim Size: Front	17M/C x MT1.85	17M/C MT1.85
Rear	17M/C x MT2.15	17M/C MT2.15
Tyre Size: Front	80/90 17M/C (44P)	80/100-17M/C 46P
Rear	100/80 17M/C (52P)	100/90-17M/C 55P
Tyre Pressure: Front	200kPa	175kPa
Rear	225kPa	200kPa
BRAKES		
Type: Front	276 x 4mm hydraulic disc with dual-piston caliper and resin mould pads	240mm hydraulic disc with 2-pod caliper and resin mould pads
Rear	220 x 4mm hydraulic disc with single-piston caliper and resin mould pads	130mm leading/trailing drum

SPECIFICATION	AIRBLADE
DIMENSIONS	
Overall length	1894mm
Overall width	690mm
Overall height	1119mm
Wheelbase	1273mm
Seat Height	767mm
Ground Clearance	134.6mm
Dry Mass	102.7kg
Fuel Tank Capacity	4.5L
ENGINE	
Starting System	Electric & Kick
No. of Cylinders	1 (80 degree inclined from vertical)
Bore x Stroke	50.0 x 55.0 mm
Displacement	108cc
Maximum Horsepower	6.94 kv (9.45 PS) / 8000 r/min
Maximum Torque	9.04 N.m (0.92 kgf.m) / 6500 r/min
FUEL SYSTEM	
System Type	Carburetor
Carburetor / F1 Type and No.	VK22 x 1
Carburetor / F1 Size (Bore)	th 22 mm. ven 20 mm
ENGINE COOLING	
Engine Cooling System	Liquid
DRIVE	
Primary Drive Type	Belt
Automatic Transmission Type	V-Matic
WHEEL	
Wheel Type	Cast Wheel
Tyre Type	With Tube
Tyre Size Front	80/90 - 14M/C 40P
Tyre Size Rear	90/90 - 14M/C 46P
BRAKE	
Brake Type	Hydraulic Disk Fr
Drum Inside Diameter	Drum Rr 130mm
Disk Outside Diameter	220 mm
Disk Effective Diameter	192.8 mm
SUSPENSION SYSTEM	
Front Suspension	Telescopic
Axle Travel	80 mm
Rear Suspension	Twin
ELECTRICAL	
Ignition Type	Full Transterized DC - CD1



All specifications are provisional and subject to change without notice.

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