

2005 CRF100F PRESS INFORMATION

The CRF100F has proudly won an outstanding reputation for versatile riding enjoyment, rugged construction and smooth, unruffled performance that inspires fun and confidence in all who ride it. Powered by a powerful, quick-starting and quiet air-cooled 4-stroke engine, and mounted with long-legged front and rear suspensions that really soak up the bumps, the CRF100F delivers just the right combination of lively performance and easy handling for long days—and years—of off-road riding fun.

Colours

- Extreme Red (with White number plate and sidecovers)

Features and Benefits

New Features

- New CRF-R-inspired graphics.

Engine/Drivetrain

- Simple, proven, dependable 99cm³ 4-stroke engine produces smooth, easy-to-use power that's ideal for recreational riders.
- 22mm carburettor offers excellent throttle response.
- Valve guide, valve stem seal and piston ring designs combine to minimise oil consumption and maintain consistent power delivery at all operating temperatures.
- Closed crankcase vent system safeguards against engine oil contamination.
- Ultra-reliable Capacitor Discharge (CDI) ignition never needs maintenance.
- Primary kick-starting for easy starts in any gear.
- Lightweight, upswept competition-type exhaust system utilises a quiet silencer equipped with an effective spark arrester.
- Smooth-shifting five-speed transmission.
- Heavy-duty clutch offers smooth engagement and durability.

Chassis/Suspension

- Lightweight high-tensile steel frame is durable and strong.
- Leading-axle 27mm Showa front fork offers 132mm of compliant suspension travel.
- Pro-Link rear suspension with box-section swingarm offers 148mm of compliant wheel travel.
- Heavy-duty Showa rear shock really soaks up the bumps.
- Lightweight screw-type drive chain adjusters for simple maintenance.
- Lightweight, powerful leading/trailing shoe drum brakes.

Additional Features

- Engine design produces low emissions and meets the world's most stringent off-road emissions standards.
- Keyed ignition switch provides added security.
- Durable body components.

- Large-capacity fuel tank and thrifty 4-stroke engine provide an extended range of riding enjoyment.
- CR-style seat shape and thicker seat foam accommodate a broad range of rider sizes.
- Generous ground clearance and skidplate for undercarriage protection.
- CR-shape handlebar enhances rider comfort.
- High-quality controls feature dogleg levers, comfortable grips and side-pull throttle just like those on the bigger CRFs and XRs.
- Cleated, folding and self-cleaning footpegs offer secure footing.
- Long-wearing knobbly tyres offer excellent grip on a variety of terrain.
- Fork gaiters help protect stanchion tubes and fork seals from mud and grit.
- Silver-painted frame and footpegs.
- Durable steel sprockets.
- Washable, reusable foam air filter.
- Front and rear suspension spring and damping rates, and new Pro-Link ratio offer improved bump absorption.

Specifications		CRF100F (ED-type)
Engine		
Type		Air-cooled 4-stroke 2-valve OHC single
Displacement		99.2cm ³
Bore x Stroke		53 x 45mm
Compression Ratio		9.4 : 1
Fuel System		
Carburation		22mm piston-valve carburettor
Fuel Tank Capacity		5.5 litres (including 1.1-litre reserve)
Electrical System		
Ignition System		Capacitor Discharge (CDI)
Starter		Primary kick
Drivetrain		
Transmission		5-speed
Final Drive		#428 roller chain; 14T/50T
Frame		
Type		Semi-double cradle, steel tube
Chassis		
Dimensions	(LxWxH)	1,853 x 786 x 1,046mm
Wheelbase		1,249mm
Caster Angle		28°50'
Trail		99mm
Seat Height		775mm
Ground Clearance		252mm
Dry Weight		75kg
Suspension		
Type	Front	27mm leading-axle fork, 132mm axle travel
	Rear	Pro-Link swingarm, 148mm axle travel
Wheels		
Type	Front	Steel rim/wire spoke
	Rear	Steel rim/wire spoke
Tyres	Front	70/100–19M/C 42M
	Rear	90/100–16M/C 51M
Brakes		
Type	Front	95mm leading/trailing drum
	Rear	95mm leading/trailing drum

All specifications are provisional and subject to change without notice.