2007
CRF100F
PRESS INFORMATION

Renowned for its rugged construction and smooth, unruffled performance, the CRF100F is the best-selling off-road bike of all time. Offering versatile riding enjoyment and easy accessibility, the CRF100F features a quiet, powerful and quick-starting air-cooled 4-stroke engine and long-legged suspension that really soaks up the bumps to deliver 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

Engine/Drivetrain

- Simple, proven, dependable 99cm^3 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 progressively damped 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 to meet 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.
- 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 excellent bump absorption.
- CRF-R-inspired graphics make the CRF100F look and feel like a winner.

Specifications CRF100F ED-type

Engine

Type		Air-cooled 4-stroke 2-valve OHC single
Displacement		99.2cm³
Bore x Stroke		53 x 45mm
Compression Ratio		9.4 : 1
Max. Power Output		7.3kW / 9,500min^{-1} (95/1/EC)
Max. Torque		7.9Nm / 7,000min^{-1} (95/1/EC)

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
Primary Reduction		4.437 (71/16)
Gear Ratio	1	3.083 (37/12)
	2	1.882 (32/17)
	3	1.400 (28/20)
	4	1.130 (26/23)
	5	0.923 (24/26)
Final Reduction		3.571 (50/14)
Final Drive		#428 roller chain

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
Kerb Weight		79kg

Suspension

Type	Front	27mm leading-axle telescopic fork, 132mm axle travel
	Rear	Pro-Link swingarm, 148mm axle travel

Wheels

Type	Front	Steel rim/wire spoke
	Rear	Steel rim/wire spoke
Rim Size	Front	19M/C x 1.4
	Rear	16M/C x 1.6
Tyre Size	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.