

2008 CRF100F

Amazingly versatile, anvil-tough and used by everyone from beginners to world champions to hone their riding skills, the CRF100F remains the best selling off-road bike of all time. Renowned for its rugged construction and smooth, unruffled performance, 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 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 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.
- 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 knobby 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 drive sprockets.
- Washable, reusable foam air filter.
- 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 | 99.2 cm ³ |
| 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 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 Ratios | 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 | | 74kg |
| Kerb Weight | | 78kg |

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 | 19 x 1.40 |
| | Rear | 16 x 1.60 |
| 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.