

HONDA

Press Information

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23YM HONDA CRF110F



Model updates: *The 23YM CRF110F receives a new graphical upgrade keeping it in line with its larger family members, the CRF250R and CRF450R*

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1. Introduction

With its proven durability and new-rider-friendly performance, the CRF110F perfectly encapsulates Honda's proud heritage—extending back nearly four decades to the

legendary XR75—of four-stroke trail bikes that are kid-sized but full-featured. In the modern era, that means clean-running Keihin fuel injection as well as a clutch-less four-speed semi-automatic transmission and push-button electric start.

For 23YM it receives a graphic update to keep it in line with its larger CRF250R and CRF450R siblings.

2. Key Features

2.1 Chassis

- ***Twin spar steel frame and reinforced swingarm***
- ***Conventional telescopic front forks***
- ***CRF450R style bodywork***
- ***Low 657 mm seat height***

With a friendly rider layout and low seat height, the CRF110F is the perfect next step for younger riders moving up from the CRF50F. The CRF110F features a twin-spar steel frame and like its smaller sibling, a reinforced swingarm, that combine to offer an excellent balance of rigidity and comfort. Conventional telescopic front forks deliver confidence-inspiring performance with 9.9cm of travel, and when paired with the single rear shock, let this small bike handle the bigger bumps with good control and minimal bottoming out.

Like every member of the Honda off-road CRF family, the CRF110F wears its heritage with pride. The 4.5L steel fuel tank, with integrated fuel pump and fuel filter, is protected by frame design shields in the event of a fall. The CRF450R-inspired bodywork is matched with a low 657mm seat height, complemented with high, wide motocross bars that feature a handlebar pad and half-waffle grips, perfect for small hands. A handlebar-mounted multiple-function switch incorporates the starter button, ignition “key on” indicator, fuel-injection system status and a low fuel indicator warning, that illuminates when only 1L of fuel remains.

For 23YM the CRF110F wears a striking all red paint scheme and bold new graphics to celebrate Honda’s off-road racing pedigree.

2.2 Engine

- ***Fun and practical 109cc single***
- ***Keihin electronically controlled fuel-injection system delivers friendly linear power***
- ***Adjustable throttle limiter***
- ***Smooth 4 speed transmission***
- ***Electric starter for added convenience***

The CRF110F's SOHC 109cc four-stroke engine delivers smooth, easy-to-use power, perfect for novice riders. Bore and stroke are 50.0 x 55.6mm with a 9:1 compression ratio.

The Keihin electronically controlled fuel-injection system delivers linear and hesitation-free power at all rev ranges and throttle openings, providing friendly power delivery, minimising any intimidation for newer younger riders and providing enjoyment at all levels.

The adjustable throttle limiter gives owners a greater level of freedom to match the available performance with the rider's ability.

The CRF110F features a smooth shifting, four speed transmission and a simple-to-use automatic clutch. The electric starter gives convenience, with a kick start available as a backup.

3. Technical Specifications

ENGINE	
Type	Air cooled, two valve, four stroke SOHC 80° single cylinder
Displacement	109.2cc
Bore x Stroke	50.0 x 55.6mm
Compression Ratio	9.0:1
FUEL SYSTEM	
Carburation	Fuel injection
Fuel Tank Capacity	4.5L (inc. reserve)
ELECTRICAL SYSTEM	
Starter	Electric and kickstarter
DRIVETRAIN	
Clutch Type	Automatic
Transmission Type	Manual 4-speed
Final Drive	Chain
FRAME	
Type	Steel
CHASSIS	
Dimensions (L`W`H)	1541 x 678 x 922mm
Wheelbase	1064mm

Caster Angle	25°10'
Trail	53mm
Seat Height	657mm
Ground Clearance	170mm
Kerb Weight	76.66 kg
SUSPENSION	
Type Front	Conventional telescopic fork. 9.9cm of travel
Type Rear	Single shock. 9.65cm of travel
WHEELS	
Type Front	Aluminium spoke
Type Rear	Aluminium spoke
Tyres Front	70/100-14 w/tube
Tyres Rear	80/100-12 w/tube
BRAKES	
Front	Drum
Rear	Drum

All specifications are provisional and subject to change without notice

Please note that the figures provided are results obtained by Honda under standardised testing conditions prescribed by WMTC. Tests are conducted on a rolling road using a standard version of the vehicle with only one rider and no additional optional equipment. Actual fuel consumption may vary depending on how you ride, how you maintain your vehicle, weather, road conditions, tire pressure, installation of accessories, cargo, rider and passenger weight, and other factors.