

**HONDA**

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# Press Information

**FOR IMMEDIATE RELEASE**

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**22YM HONDA CRF150RB**



*Model updates: The 2022 CRF150RB receives a new graphic upgrade to bring it in line with its larger family members, the CRF250R and CRF450R.*

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## 1. Introduction

The CRF150RB is Honda's smallest motocrosser, a serious competition machine, and the perfect gateway to the championship-winning full-sized CRF250R and CRF450R. It features a four-stroke Unicam engine - unique in the mini MX world - that delivers smooth, ample power and torque across the rev range. Showa suspension components comprise a 37mm inverted fork and a Pro-Link rear-swing arm with a single Showa shock matched to a lightweight steel frame. For 22YM it receives a graphic update to bring it in line with its larger CRF250R and CRF450R siblings

## 2 Key Features

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### 2.1 Chassis

- ***Lightweight, high tensile steel frame***
- ***37mm leading-axle inverted Showa cartridge forks***
- ***Pro-link swingarm***
- ***Large 19in front and 16in rear wheels***
- ***Single 220mm front and 190mm rear brake discs***
- ***CRF450R style bodywork featuring a low 866mm seat height***
- ***New all red paint scheme for 2022***

The CRF150RB features a lightweight, high-tensile steel frame with large-diameter frame tubing and cross-member for excellent turning performance and straight-line tracking.

For optimum compression and rebound control, the CRF150RB uses 37mm leading-axle inverted Showa cartridge forks with friction-reducing technology, paired with a Pro-link swingarm. Large, strong, lightweight wheels – 19in front and 16in rear - feature supportive 15mm and 17mm axles respectively for a balance of minimal unsprung weight and strength, durability and control. Both front and rear suspension also feature settings unique to the CRF150RB to further deliver ideal bump absorption characteristics in even the toughest of track conditions.

Lightweight single discs, 220mm front and 190mm rear, are grabbed by high performance pads offering powerful and precise braking into the turns. An HRC works-type rear-brake system integrates the rear master cylinder and fluid reservoir, eliminating the separate rear master-cylinder reservoir and hose.

Like every member of the Honda off-road CRF family, the CRF150RB wears its heritage

with pride. The 4.2L upr

A twin-sump lubrication system reduces the amount of circulating oil and employs a smaller oil pump that separates the oil supply for the crankshaft, piston and valve train from the clutch and transmission. This ensures a regular supply of cool oil to the clutch and eliminates any potential clutch and transmission material contamination.

The large-capacity airbox connects via a 26mm intake and features a reusable two-stage foam air filter for optimal performance. A 22.5mm exhaust post connects to a lightweight stainless-steel header and re-packable aluminium muffler.

The CRF150RB features a smooth-shifting, close ratio five speed transmission that is matched perfectly to the broad powerband for strong, engaging performance in any gear.

### 3. Technical Specifications

<b>ENGINE</b>	
Type	Water cooled, four valve, four stroke Unicam single
Displacement	149.7cc
Bore x Stroke	66.0 x 43.7mm
Compression Ratio	11.7:1
<b>FUEL SYSTEM</b>	
Carburation	Keihin 32mm flat-slide carburetor
Fuel Tank Capacity	4.2L (inc. reserve)
<b>ELECTRICAL SYSTEM</b>	
Starter	Kick
<b>DRIVETRAIN</b>	
Clutch Type	Wet multiplate
Transmission Type	Close ratio Manual 5-speed
Final Drive	Chain
<b>FRAME</b>	

Type	Steel
<b>CHASSIS</b>	
Dimensions (L'W'H)	1899 x 769 x 1170mm
Wheelbase	1285mm
Caster Angle	27°48'
Trail	96mm
Seat Height	866mm
Ground Clearance	335mm
Kerb Weight	84.8 kg
<b>SUSPENSION</b>	
Type Front	37mm fully-adjustable leading-axle inverted conventional Showa cartridge fork. 27.4cm of travel
Type Rear	Pro-link fully adjustable Showa single shock. 27.1cm of travel
<b>WHEELS</b>	
Type Front	Aluminium spoke
Type Rear	Aluminium spoke
Tyres Front	70/100-19
Tyres Rear	90/100-16
<b>BRAKES</b>	
Front	Single 220mm disc
Rear	Single 190mm disc

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.

