



GET OFF TO THE RIGHT START

Some people don't take small motorcycles seriously. But that's definitely not the case with the 2023 Honda CRF®150R and CRF150R Expert. And you'll know that for a fact the first time you ride one—or try to race against one! It all starts with the high-performance Unicam® engine, a Honda exclusive that's light, compact, high-revving and powerful. Inspired by our open-class CRF450R's engine, it also offers legendary Honda quality and dependability—just the thing for a long racing season. What's the difference between these two bikes? Our Expert model uses the same great engine and frame, but features bigger wheels, a longer swingarm and higher seat to better suit taller riders.



CRF150R/EXPERT IS INTENDED FOR CLOSED-COURSE OPERATION ONLY. ALWAYS WEAR A HELMET, EYE PROTECTION AND PROTECTIVE CLOTHING, AND PLEASE RESPECT THE ENVIRONMENT. OBEY THE LAW AND READ THE OWNER'S MANUAL THOROUGHLY. Showa® is a registered trademark of Showa Mfg., Inc. CRF®, Unicam® and Pro-Link® are registered trademarks of Honda Motor Co., Ltd. ©2022 American Honda Motor Co., Inc.

2023 CRF150R/Expert



CRF150R



CRF150R Expert



FEATURES & BENEFITS

UNICAM ENGINE

The CRF150R uses a Unicam engine based on our championship-winning CRF450R. Designed to give you excellent rideability and more power and torque across the rev range, the engine runs consistently at different tracks—it's an all-around winner.

ACCELERATOR PUMP

The CRF150R uses a carburetor featuring a “direct push” accelerator pump which gives you better, more immediate throttle response.

TRACK-DESIGNED CHASSIS

A lightweight, high-tensile steel frame with large-diameter frame tubing and crossmember delivers excellent turning performance and straight-line tracking.

FRONT DISC BRAKE

The front disc brake provides powerful, precise braking.





2023 CRF150R



CRF150R



CRF150R Expert

ENGINE TYPE	150cc liquid-cooled single-cylinder	150cc liquid-cooled single-cylinder
BORE AND STROKE	66.0mm x 43.8mm	66.0mm x 43.8mm
COMPRESSION RATIO	11.7:1	11.7:1
VALVE TRAIN	Unicam SOHC; four valves per cylinder	Unicam SOHC; four valves per cylinder
INDUCTION	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)
TRANSMISSION	Close-ratio five-speed	Close-ratio five-speed
FINAL DRIVE	#420 chain; 15T/50T	#420 chain; 15T/56T
FRONT SUSPENSION	37mm leading-axle inverted Showa cartridge fork with rebound- and compression-damping adjustability; 9.5-inch travel	37mm leading-axle inverted Showa cartridge fork with rebound- and compression-damping adjustability; 9.5-inch travel
REAR SUSPENSION	Pro-Link Showa single shock with spring-preload, rebound- and compression-damping adjustability; 10.7-inch travel	Pro-Link Showa single shock with spring-preload, rebound- and compression-damping adjustability; 11.1-inch travel
FRONT BRAKE	Single 220mm disc	Single 220mm disc
REAR BRAKE	Single 190mm disc	Single 190mm disc
FRONT TIRE	Dunlop MX51; 70/100-17	Dunlop MX51; 70/100-19
REAR TIRE	Dunlop MX51; 90/100-14	Dunlop MX51; 90/100-16
RAKE	27.0°	27.5°
TRAIL	3.1 inches	3.8 inches
WHEELBASE	49.6 inches	50.6 inches
SEAT HEIGHT	32.8 inches	34.1 inches
GROUND CLEARANCE	11.9 inches	13.2 inches
CURB WEIGHT	185 pounds (Includes all standard equipment, required fluids and full tank of fuel)	187 pounds (Includes all standard equipment, required fluids and full tank of fuel)
FUEL CAPACITY	1.1 gallons	1.1 gallons