



RACE-READY, RIDER-FOCUSED

The Honda CRF150R and its big brother, the CRF150R Expert, aren't just about kicks—they're built to grab podiums. Both of these competition motocrossers rock a Unicam® engine pulled from the playbook of the mighty CRF450R, meaning they're tough, they last, and they perform. The CRF150R is for the up-and-comers, while the Expert stretches its legs with bigger wheels and a longer swingarm for the taller crowd. For 2025, they're both sporting fresh graphics to keep pace with the rest of Honda's dirt-devouring competition MX machines. Hop on, throttle up, and chase down some checkered flags.



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. ©2024 American Honda Motor Co., Inc.

2025 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.

CRF150R



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.

CRF150R Expert



FRONT AND REAR DISC BRAKES

Front and rear disc brakes provide powerful, precise stopping power.





2024 CRF150R/Expert



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
INDUCTION	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)	32mm Keihin flat-slide carburetor with Throttle Position Sensor (TPS)
VALVE TRAIN	Unicam SOHC; four valves per cylinder	Unicam SOHC; four valves per cylinder
COMPRESSION RATIO	11.7:1	11.7:1
FINAL DRIVE	#420 chain; 15T/50T	#420 chain; 15T/56T
TRANSMISSION	Close-ratio five-speed	Close-ratio five-speed
FRONT SUSPENSION	37mm leading-axle inverted Showa® cartridge fork with rebound- and compression-damping adjustability; 10.8-inch travel	37mm leading-axle inverted Showa cartridge fork with rebound- and compression-damping adjustability; 10.8-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; 10.7-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°	27.8°
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 a full tank of fuel)	187 pounds (Includes all standard equipment, required fluids and a full tank of fuel)
FUEL CAPACITY	1.1 gallons	1.1 gallons