



Life is better  
on a Honda



## 2021 CRF150R/Expert

### EVERY RACER NEEDS A GREAT START

Competition teaches lessons at every age. Determination. Discipline. Self-confidence. Responsibility. But to learn about winning, you need a motorcycle you can win on. And that's where the Honda CRF®150R comes in. Competition ready, it's tailor-made for younger champions. With a single-cylinder Unicam® engine that packs a punch, they'll have every advantage, right out of the gate. And for taller riders there's the CRF150R Expert, with bigger wheels, a longer swingarm and higher seat. These two bikes give them what they need on the track—it's your job to coach them on their podium speech.

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. CRF® is a registered trademark of Honda Motor Co., Ltd. ©2020 American Honda Co., Inc.





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## SPECIFICATIONS

<b>ENGINE TYPE</b>	- 149cc liquid-cooled single cylinder four stroke
<b>BORE AND STROKE</b>	- 66mm x 43.7mm
<b>COMPRESSION RATIO</b>	- 11.7:1
<b>VALVE TRAIN</b>	- Unicam, four-valve; 26mm intake, steel; 22.5mm exhaust, steel
<b>INDUCTION</b>	- Keihin 32mm flat slide with Throttle Position Sensor (TPS)
<b>IGNITION</b>	- Solid-state CD with electronic advance
<b>TRANSMISSION</b>	- Close-ratio five speed
<b>FINAL DRIVE</b>	- #420 chain; 15T/50T
<b>FRONT SUSPENSION</b>	- 37mm fully adjustable leading-axle inverted Showa cartridge fork; 10.8 inches of travel
<b>REAR SUSPENSION</b>	- Pro-Link fully adjustable Showa single shock; 10.7 inches of travel
<b>FRONT BRAKE</b>	- Single 220mm disc
<b>REAR BRAKE</b>	- Single 190mm disc
<b>FRONT TIRE</b>	- 70/100-17 Dunlop MX51, Expert 70/100-19 Dunlop MX51
<b>REAR TIRE</b>	- 90/100-14 Dunlop MX51, Expert 90/100-16 Dunlop MX51
<b>RAKE</b>	- (Caster Angle) 27° 2', Expert 27° 48'
<b>TRAIL</b>	- 3.1 inches, Expert 3.8 inches
<b>WHEELBASE</b>	- 49.6 inches, Expert 50.6 inches
<b>SEAT HEIGHT</b>	- 32.8 inches, Expert 34.1 inches
<b>GROUND CLEARANCE</b>	- 11.9 inches
<b>CURB WEIGHT</b>	- 185 pounds, Expert 187 pounds (Includes all standard equipment, required fluids and full tank of fuel—ready to ride.)
<b>FUEL CAPACITY</b>	- 1.11 gallons

## 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.



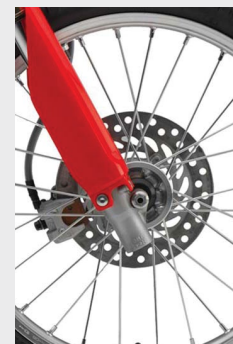
### ACCELERATOR PUMP

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.