



Life is better
on a Honda



2022 CRF450R

FACTORY LEVEL PERFORMANCE

When it comes to winning, the Honda CRF450R is the machine championships are made of. And after your first ride, you'll know why. The engine makes tremendous, instant power, thanks to Honda's exclusive Unicam® design. The chassis is an active part of the handling equation, backed up with premium Showa suspension at both ends. But what the spec charts can't show is the level of refinement that only Honda brings to the class, all with the goal of letting you rail through the corners, flatten out the whoops, ace the rhythm sections and do it lap after lap with incredible precision.

Looking for the best of the best? Then check out our CRF450RWE (WE for Works Edition). We've fine-tuned it with special touches like an exclusive Yoshimura exhaust, Twin Air filter, Throttle Jockey seat cover, Hinson clutch basket and cover, premium DID DirtStar LT-X rims, Kashima and titanium nitrate-coated forks, a red cylinder head cover, and hands-on touches like special cylinder-head porting. Both the RWE and the CRF450R get suspension and engine setting changes for 2022, sharpening the best bike on the track even a little more. Ready to win? Because we're ready to ride..

CRF450R IS INTENDED FOR CLOSED-COURSE OPERATION ONLY. PROFESSIONAL RIDERS SHOWN. 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. ©2021 American Honda Motor Co., Inc.



PRE-PRODUCTION MODEL SHOWN



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2022
CRF450R



2022
CRF450R Works Edition



FEATURES & BENEFITS



LIGHTER, NARROW FRAME

Great handling starts with a superior frame, and that's one place where the CRF450R's chassis puts you out front. First, it's light—over a pound and a half lighter than the previous generation's. By making the frame's main spars narrow, we save weight, but more important we make the chassis more responsive by fine-tuning the lateral rigidity. The result is a bike that gets into, around, and out of corners faster.



HYDRAULIC CLUTCH

The CRF450R features the first hydraulically actuated clutch we've offered outside of our works bikes. Made by Nissin, it's the same design as in our Grand Prix MC machines, and performs better than third-party conversions. You get a clutch-lever pull that's ten percent light at its peak, even though it's paired with a new, stronger 8-plate clutch. Plus, you'll never have to worry about making a clutch-cable adjustment, even during the longest events.



SEALED AIRBOX AND FILTER

Along with the special air filter, the airbox shape helps deliver more torque. You can access the airbox through the left number plate. And because the new filter has no rubber gasket where it interfaces with the intake boot, cleaning and servicing the filter is faster and less messy than ever.



EXCLUSIVE WORKS EDITION

The CRF450RWE Works Edition includes all the standard CRF450R features, but also gets a special hand-ported cylinder head; Hinson clutch basket and cover; Twin Air filter; an exclusive Yoshimura exhaust system including a titanium header; titanium nitride-coated lower fork legs; revalved suspension; and much more.



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CRF450R



CRF450R Works Edition

ENGINE TYPE	449cc liquid-cooled single-cylinder four-stroke	449cc liquid-cooled single-cylinder four-stroke
BORE AND STROKE	96mm x 62.1mm	96mm x 62.1mm
COMPRESSION RATIO	13.5:1	13.5:1
INDUCTION	Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body	Programmed Fuel Injection (PGM-FI), 46mm downdraft throttle body
IGNITION	DC-CDI	DC-CDI
VALVE TRAIN	Unicam® four-valve; 38mm intake; 31mm exhaust	Unicam four-valve; 38mm intake; 31mm exhaust
TRANSMISSION	Close-ratio five-speed	Close-ratio five-speed
FINAL DRIVE	#520 Chain; 13T/49T	#520 Chain; 13T/49T
FRONT SUSPENSION	49mm inverted Showa® fork with rebound and compression damping adjustability; 12.2 inches of travel	49mm inverted Showa fork with rebound and compression damping adjustability; 12.2 inches of travel (Titanium Nitride-coated lower fork legs)
REAR SUSPENSION	Pro-Link® Showa single shock with adjustable spring preload, rebound and compression damping adjustability; 12.4 inches of travel	Pro-Link Showa single shock with adjustable spring preload, rebound and compression damping adjustability; 12.4 inches of travel
FRONT BRAKE	Single 260mm disc with twin-piston caliper	Single 260mm disc with twin-piston caliper
REAR BRAKE	Single 240mm disc	Single 240mm disc
FRONT TIRE	Dunlop MX33 80/100-21	Dunlop MX33 80/100-21
REAR TIRE	Dunlop MX33 120/80-19	Dunlop MX33 120/80-19
RAKE (CASTER ANGLE)	27° 7"	27° 7"
TRAIL	4.5 inches	4.5 inches
WHEELBASE	58.3 inches	58.3 inches
GROUND CLEARANCE	13.2 inches	13.2 inches
SEAT HEIGHT	38 inches	38 inches
FUEL CAPACITY	1.7 gallons	1.7 gallons
CURB WEIGHT	244 pounds (Includes all standard equipment, required fluids and full tank of fuel—ready to ride.)	244 pounds (Includes all standard equipment, required fluids and full tank of fuel—ready to ride.)