



OFF-ROAD 2021

# WINNING STARTS HERE

At Honda, we don't believe in limits. And neither do our riders. This is why we have developed our range of CRF bikes: to be able to take on the toughest, most challenging courses in the world. Precision engineering, matched with unrivalled reliability, results in more time powering through dirt – each bike is packed full of cutting edge features and proven race winning technology.

Combine that with superb agility and light weight, they will keep you one step ahead of the competition – whether you're a seasoned pro or climbing the ladder.



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# READY TO FIGHT

We've taken the CRF450R and upped the game. That's what winning a MXGP world championship is all about. A completely new frame saves weight and features a factory-rider rigidity balance, with revised steering geometry and Showa's 49mm USD coil spring fork has an extra 5mm stroke its never been easier to shred turns. The engine features a redesigned intake, cylinder head and exhaust system. There's more power from 5,000rpm up with smooth throttle response. And for a stronger, smoother low-rpm torque feel, the airbox is larger with tool-free access to the filter.

A revised decompression system and new hydraulic clutch add relentless tenacity. Honda Selectable Torque Control (HSTC) offers 3 modes of power management for ultimate rear wheel traction, while HRC Launch Control owns the first 100 metres. And its new bodywork is slimmer, lighter and easier to move around. Seizing the holeshot and building your lead has never been easier. Neither has the win.

The CRF450R is the complete MX package, offering its rider total control. Based on HRC's 2019 MXGP championship-winning machine with its brand-new chassis and suspension package, engine upgrades to enhance power and drivability and sharp new looks from redesigned lightweight plastics.

The CRF450R redefines incredible.

## KEY FEATURES

- HRC LAUNCH CONTROL
- ENGINE MODE SELECT BUTTON
- HONDA SELECTABLE TORQUE CONTROL
- SMOOTHER LOW RPM TORQUE
- BIGGER AIRBOX
- ELECTRIC STARTER

Find out more at  
[www.honda.co.uk](http://www.honda.co.uk)



**CRF**  
450R

WEIGHT  
**2 KG LIGHTER**

FRONT FORK STROKE  
**310 MM**

TRANSMISSION  
**HYDRAULIC CLUTCH**



# THE ULTIMATE OFFROAD WEAPON

Start with the best there is. Then make it better; with the CRF450R MX machine as a base the CRF450RX already has an advantage. Just like the CRF450R, it's now smoother, sharper and lighter creating a formidable off-road weapon that's fast over whatever ground you're riding. A completely new frame saves weight using narrower main tubes, the tapered aluminium twin-spar frame is 700g lighter with 20% less lateral stiffness, to upgrade every single aspect of cornering performance. Both top and bottom yokes and swingarm are tuned to match and the steering geometry is tighter, with increased ground clearance. In addition to this The Showa suspension features lighter damping and lower spring rates than the CRF450R. The 49mm Showa steel spring front fork has an extra 5mm stroke and, like the shock, is fully adjustable.

Like the CRF450R the RX features the Engine Mode Select Button (EMS) alters the engine's power and torque characteristics and the 3-Level HRC Launch Control which gives you options out of the gate whatever your riding ability or experience, and whatever conditions you're riding in. Once you've bossed the start, 3-Level Honda Selectable Torque Control (HSTC) keeps you driving forward. The CRF450RX is our total off-road missile. With the same HRC-developed chassis and engine as the CRF450R – including HSTC and HRC Launch Control – it punches hard everywhere and develops incredible speed over ground, from flat-out special tests to technical single track.

And it'll do it all day.

## KEY FEATURES

- HYDRAULIC CLUTCH
- ENGINE MODE SELECT BUTTON
- HONDA SELECTABLE TORQUE CONTROL
- STANDARD KNUCKLE GUARDS
- SOFTER SUSPENSION
- ELECTRIC STARTER

Find out more at  
[www.honda.co.uk](http://www.honda.co.uk)



**CRF**  
450RX

WEIGHT  
**5 KG LIGHTER**

TANK  
**8 LITRES FUEL TANK**

HRC-LC  
**HRC LAUNCH CONTROL**



# CUT LAP TIMES IT'S WHAT WE DO

The 250 MX class moves fast and so do we. The CRF250R's electric start DOHC engine adds to its muscular bottom-end and top-end hit with 10% more torque between 6-10,000 rpm thanks to revised combustion chamber, cam timing and improved inlet/exhaust efficiency. To utilise the extra mid-range push, and maintain rpm when shifting up, the second and third gear ratios are closer together. HRC Launch Control helps nail the start while the 3-Mode EMSB (Engine Mode Select Button) adjusts power delivery.

The aluminium frame and swingarm have a carefully tuned rigidity between them; combined with increased low-speed compression damping settings for the fully adjustable front and rear Showa suspension the result is improved stability, feel and accuracy while tracking through fast, bumpy turns.

Lighter foot pegs use a 4-web internal structure to clear mud. The front brake calliper has 30 and 27 mm pistons plus a low-expansion brake hose for power with feel, while new pad material for the rear brake improves durability. If you want to cut lap times make the CRF250R your weapon of choice.

It's what it's built for.

## KEY FEATURES

- HRC LAUNCH CONTROL
- ENGINE MODE SELECT BUTTON
- HONDA PRO-LINK® REAR SUSPENSION
- SHOWA USD FORK
- WAVY DISCS
- PROGRAMMED FUEL INJECTION

Find out more at  
[www.honda.co.uk](http://www.honda.co.uk)

2025 information and photos



**CRF**  
250R

FRONT FORK

**49** MM SHOWA USD FORK

ENGINE

**3** RIDING MODES

START

**HRC** LAUNCH CONTROL



# MAKE FAST EASY

The CRF250RX is the off-road tool you've always wanted. It's a high-performance trail/enduro machine built to exploit all the advantages a lightweight 250 offers, from manoeuvrability to nimble agility.

With identical engine and chassis upgrades as the CRF250R motocrosser it's already special. But it also has Showa suspension re-set for use away from the MX track, 18-inch rear wheel and larger fuel tank. And a sidestand, too. A small, but useful detail.

So, when the going gets really tough, tight or technical and where bigger bikes could wear you out, the CRF250RX shines. It's a motorcycle that keeps you moving forward, no matter what challenges you face on your way.

The CRF250RX makes fast, easy.

## KEY FEATURES

- HRC LAUNCH CONTROL
- ENGINE MODE SELECT BUTTON
- HONDA PRO-LINK® REAR SUSPENSION
- SHOWA USD FORK
- WAVY DISCS
- PROGRAMMED FUEL INJECTION

Find out more at [www.honda.co.uk](http://www.honda.co.uk) 20YM information and photos



**CRF**  
250RX

PERFORMANCE  
**8.5** LITRES FUEL TANK

ENGINE  
**3** RIDING MODES

START  
**HRC** LAUNCH CONTROL



## SPECIFICATIONS

### CRF450R

#### ENGINE

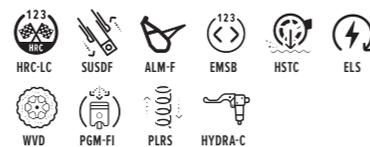
Engine Type	Liquid-cooled 4-stroke single cylinder Unicam®
Engine Displacement (cm³)	449.7
Compression Ratio	13.5 : 1
Bore x Stroke (mm)	96.0 x 62.1
Starter	Electric

#### CHASSIS, DIMENSIONS AND WEIGHT

Caster Angle	27.1°
Dimensions (L×W×H) (mm)	2,182 x 827 x 1,267
Frame type	Aluminium twin tube
Fuel Tank Capacity (Litres)	6.3
Ground Clearance (mm)	336
Kerb Weight (kg)	110.6
Seat Height (mm)	965

#### WHEELS, SUSPENSION AND BRAKES

Brakes Front	Single 260 mm disk
Brakes Rear	Single 240 mm disk
Suspension Front	Showa 49 mm USD fork
Suspension Rear	Showa monoshock using Honda Pro-Link®
Tyres Front	80/100-21 51M Dunlop MX33F
Tyres Rear	120/80-19 63M Dunlop MX33



### CRF450RX

Engine Type	Liquid-cooled 4-stroke single cylinder Unicam®
Engine Displacement (cm³)	449.7
Compression Ratio	13.5 : 1
Bore x Stroke (mm)	96.0 x 62.1
Starter	Electric

Caster Angle	27.2°
Dimensions (L×W×H) (mm)	2,182 x 839 x 1,282
Frame type	Aluminium twin tube
Fuel Tank Capacity (Litres)	8
Ground Clearance (mm)	336
Kerb Weight (kg)	113.4
Seat Height (mm)	965

Brakes Front	Single 260 mm disk
Brakes Rear	Single 240 mm disk
Suspension Front	Showa 49 mm USD spring fork
Suspension Rear	Showa monoshock using Honda Pro-Link®
Tyres Front	90/90 21M Dunlop Geomax AT81F
Tyres Rear	120/90 18M Dunlop Geomax AT81



### CRF250R

Engine Type	Liquid-cooled 4-stroke single DOHC
Engine Displacement (cm³)	249.4
Compression Ratio	13.9 : 1
Bore x Stroke (mm)	79 x 50.9
Starter	Electric

Caster Angle	27.5°
Dimensions (L×W×H) (mm)	2,181 x 827 x 1,260
Frame type	Aluminium twin tube
Fuel Tank Capacity (Litres)	6.3
Ground Clearance (mm)	327
Kerb Weight (kg)	107.8
Seat Height (mm)	957

Brakes Front	260 mm hydraulic wavy disc
Brakes Rear	240 mm hydraulic wavy disc
Suspension Front	Showa 49 mm coil-sprung fork
Suspension Rear	Showa monoshock using Honda Pro-Link®
Tyres Front	80/100-21 Dunlop MX3S
Tyres Rear	100/90-19 Dunlop MX3S



20YM information and photos

### CRF250RX

Engine Type	Liquid-cooled 4-stroke single DOHC
Engine Displacement (cm³)	249.4
Compression Ratio	13.9 : 1
Bore x Stroke (mm)	79 x 50.9
Starter	Electric

Caster Angle	27.3°
Dimensions (L×W×H) (mm)	2,181 x 827 x 1,262
Frame type	Aluminium twin tube
Fuel Tank Capacity (Litres)	8.5
Ground Clearance (mm)	329
Kerb Weight (kg)	111
Seat Height (mm)	961

Brakes Front	260 mm hydraulic wavy disc
Brakes Rear	240 mm hydraulic wavy disc
Suspension Front	Showa 49 mm coil-sprung fork
Suspension Rear	Showa monoshock using Honda Pro-Link®
Tyres Front	80/100-21 Dunlop MX3S
Tyres Rear	100/90-19 Dunlop MX3S



20YM information and photos

# HONDA TECHNOLOGY

Honda has developed and applied many innovative technologies for its motorcycling range, designed to have the greatest possible benefit for you and the world around you.



## HYDRAULIC CLUTCH

For smoother and more precise operation of the clutch with any applied pressure.



## HRC LAUNCH CONTROL

3 level of special ECU program that allows to optimise start performance. Select the desired mode, hold the throttle open, release the clutch, and the bike will do the rest.



## ALUMINIUM FRAME

One-third the weight of steel, the aluminium frame is stiffer and lighter to make sure every second counts.



## PROGRAMMED FUEL INJECTION

Map-type computerised system maintains strong power and responsive performance in all conditions.



## WAVY DISCS

Providing better heat dissipation and improved braking performance.



## HONDA PRO-LINK® REAR SUSPENSION

Monoshock rear suspension utilises a triangular linkage system to progressively increase damping force through range of rear swingarm movement.



## SHOWA USD FORK

Larger diameter tubes above and smaller tubes at the bottom increase surface area providing more rigidity to deal with off road terrain.



## ENGINE MODE SELECT BUTTON

Giving a choice of 3 riding modes; Mode 1 delivers standard ECU maps, Mode 2 provides smoother throttle control and Mode 3 returns a more aggressive power delivery.



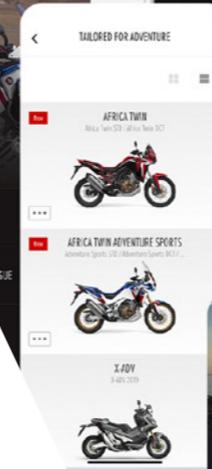
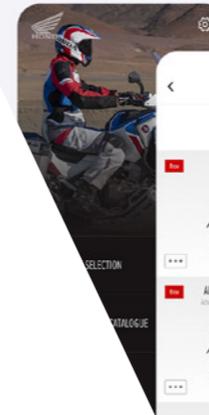
## ELECTRIC START

Instead of kickstarting the bike electric start offers a simple more convenient way to start the engine.



## HONDA SELECTABLE TORQUE CONTROL

If the Honda Selectable Torque Control (HSTC) system senses an imminent loss of rear wheel traction it reduces torque to allow the tyre to grip.



HONDA MOTORCYCLE EXPERIENCE

FIND OUT MORE BY VISITING OUR WEBSITE OR DOWNLOADING THE HONDA MOTORCYCLES EXPERIENCE APP.



## HONDA MOTORCYCLES EXPERIENCE

Play around with various configuration options of your 3D bike in 360 view and transform it into your own environment with the Augmented Reality mode. Make sure to take a photo and share with your friends on Social Media. Take the first picture with your bike before you even order it. You can even locate your nearest Honda dealer and book a test ride to try out your dream bike.



**HONDA**  
The Power of Dreams

# DREAMS REALLY DO COME TRUE

Soichiro Honda said,

**“There are qualities which lead to success.  
Courage, perseverance, the ability to dream  
and to persevere.”**

Honda's philosophy in dreaming of a better world for people catalysed the invention of the ASIMO, HondaJet, NSX and the legendary Africa Twin. Dreams can be powerful, they push you to achieve more, to explore new ideas, new technologies and uncover new ways of solving problems. It takes independent thinking and audacity to pursue dreams. It also takes passion and innovation to never allow the dream to die and to shape them into a reality for the modern-day world.





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**RIDE WITH STYLE** Read the owner's manual thoroughly. Get to know your machine and its capabilities. Concentration assists anticipation. Observe other road users' movements. Brake in plenty of time. Always wear a helmet and quality kit, ride fit and NEVER after drinking alcohol. Good roadcraft and courtesy identify the skilled and stylish rider. Honda endorse the law that all helmet visors must comply with BS 4110. Visors that transmit less than 50% of visible light cannot legally be used on the road.

### **Honda Motor Europe - Motorcycles**

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insert local URL here



Please don't bin me.  
Pass me on to a  
friend or recycle me.

Honda Motor Europe sources  
paper responsibly from  
manufacturers within the EU.



BLUE SKIES FOR  
OUR CHILDREN