

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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CRF450R CRF450R> CRF300L CRF30 CRF2 CRF



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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 with its 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





HONDA

FRONT FORK STROKE





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 (EMSB) which 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



8 LITRES FUEL TANK





HRC-LC

HRC LAUNCH CONTROL

READY FOR ROAD AND TRAIL

The CRF300L is reborn with a lightweight chassis, slimmer bodywork and boosted power and torque from the engine. But, while specification has improved, the brilliant dual-purpose formula stays the same. The qualities that make it so good off– road – slim proportions, peppy throttle response, agile steering and supple suspension – also make it brilliant around town. It draws DNA from the mighty CRF450R and CRF450RX competition bikes, so starts in a great place and, thanks to HRC and their racing programme, every aspect of its dual-sport performance is improved.

Increased cubic capacity for the liquid-cooled, DOHC 4V single-cylinder engine results in an extra 1.9kW peak power, at 20.1kW and 4Nm more peak torque, at 26.6Nm. Gears 1-5 feature shorter ratios, for sharper acceleration, with taller sixth for cruising while an assist/slipper clutch eases upshifts and manages rear wheel 'hop' under rapid downshifts. A total of 4kg has been cut out of the chassis, thanks to a new frame design and lightweight, tapered aluminium swingarm. Ground clearance is improved by 30mm, to make bumping off kerbs (or over logs) so much easier.

To soak up hits, the suspension has longer travel. Up front the Showa 43mm USD forks get an extra 10mm, with spring rate and damping calibrated for both road and off-road riding, and there's an extra 20mm for the Pro-Link Showa monoshock. Easy control off-road needs free movement; the redesigned 7.8L fuel tank is narrower and saves weight. Matched to a re-contoured seat, it allows smooth weight transfer forward to elevate front tyre grip. And new, crisp, positive LCD instruments are easy to read. So, whether navigating rough city streets, or conquering new trails (or both in a day) the CRF300L is a motorcycle built to explore.

KEY FEATURES

- ASSIST AND SLIPPER CLUTCH
- 285MM GROUND CLEARANCE
- 880MM SEAT HEIGHT
- 142KG WET WEIGHT
- SHOWA 43MM USD FORKS WITH 260MM TRAVEL
- SHOWA REAR MONOSHOCK WITH 260MM TRAVEL
- TAPERED ALUMINIUM SWINGARM
- LCD INSTRUMENT DISPLAY

Find out more at www.honda.co.uk



MAX TORQUE 26.6 Nm

GROUND CLEARANCE





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ADVENTURE, EVERYWHERE

Made for the adventurous dual-sport rider, the CRF300 RALLY is a small capacity machine packing heavyweight credentials. With styling drawn directly from the competition-specification HRC CRF450RX, it adds long-range ability and comfort to its off-road performance. And it's now got more of both; the fuel tank has grown to 12.8L, with a 1.6L reserve. Unlike most dirt bikes, the flat filler cap is hinged for clean, easy-fill convenience. Ensuring relaxed, natural control the handlebar position has been pulled back, the footpegs set lower and further back, making room for gear changing in off-road boots. They also feature rubber inserts. Seat height, at 885mm, is 10mm lower. Piercing, asymmetric dual LED headlights provide excellent forward visibility, while flexibly-mounted indicators are also bright LED. For instant readability the LCD instruments use large black digits on a crisp white display.

Like the trail-ready CRF300L the CRF300 RALLY packs a larger-capacity single-cylinder engine, delivering a healthy and responsive 26.6Nm peak torque with 20.1kW peak power. It's a total 4kg lighter with extra ground clearance built-in, while the Showa 43mm USD forks (with 10mm more travel) and rear shock provide excellent suspension reaction. For powerful braking on any surface, the two-piston front caliper works a floating, 296mm wavy disc. Off-road, there's an option to switch off ABS control of the rear brake.

The CRF300 RALLY is about the freedom delivered by a lightweight chassis, long-travel suspension and responsive engine. But it's also about independence; the long-range autonomy that a big fuel tank allows, added to the sense of go-anywhere potential stored away in this motorcycle's comprehensive abilities. It is engineered to serve up a real taste of adventure to riders that want an easy to manage machine, whether for the daily commute, weekend tour or global journeys.

MAX POWER

20.1 kW

26.6 Nm

MAX TORQUE

FUEL TANK

12.8L

KEY FEATURES

- 286CC DOHC 4V SINGLE-CYLINDER ENGINE
- 885MM SEAT HEIGHT
- ASYMMETRIC DUAL LED HEADLIGHTS
- ASSIST/SLIPPER CLUTCH
- 285MM GROUND CLEARANCE
- SHOWA 43MM USD FORKS/260MM TRAVEL
- SHOWA REAR MONOSHOCK/260MM TRAVEL
- LCD INSTRUMENT DISPLAY

Find out more at www.honda.co.uk



300 RALLY





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.









3 RIDING MODES



• 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

20YM information and photos





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

20YM information and photos





FUTURE CHAMPIONS START HERE

Inspired by the great riders of the GP circuit, every Honda CRF F bike is designed to be the perfect fit for aspiring riders and racers alike.

Downsized grips and a simple-to-use, semi-automatic gearbox in the CRF50F and full 5-speed boxes in the CRF110F and CRF125F allow young riders to take full control.

Proven and reliable, the 4-stroke engines on all three CRF Fs provide smooth, safe power, while the rugged chassis and suspension can easily handle the roughest terrain. And with the graphics and styling coming direct from the CRF race bikes, you'll look fast wherever you choose to ride.









KERB WEIGHT

88 Kg

FRONT WHEEL

19 Inch

SUSPENSION

31 mm Inverted Fork





FRONT WHEEL

74 Kg

14 Inch











SPECIFICATIONS

CRF450R

CRF450RX

Liquid-coole	d 4-stroke single	e cylinder Unicam®
449.7		
13.5 : 1		
96.0 x 62.1		
Electric		

27.2°

HRC-LC

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2,182 x 839 x 1,282 Aluminium twin tube

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

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

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ELS







CRF300L

CRF300 RALLY

Liquid-cooled, Single, DOHC	Liquid-cooled, Single, DOF
286	286
10.7:1	10.7:1
76 x 63	76 x 63
Electric	Electric

27.5°	27.5°
2,230 x 820 x 1,200	2,230 x 920 x 1,415
Steel Semi-Double Cradle	Steel Semi-Double Cradle
7.8	12.8
285	275
142	153
880	885

256mm disc with two piston caliper	296mm disc with two piston
220mm disc with single piston caliper	220mm disc with single pisto
43mm Telescopic Upside Down	43mm Telescopic Upside Dov
Pro-Link [®]	Pro-Link [®]
80/100-21M/C 51P	80/100-21M/C 51P
120/80-18M/C 62P	120/80-18M/C 62P

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SPECIFICATIONS

CRF250R

Liquid-cooled 4-stroke single DOHC	
249.4	
13.9 : 1	
79 x 50.9	
Electric	

CHASSIS, DIMENSIONS AND WEIGHT

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		

27.3°	
2,181 x 827 x 1,262	
Aluminium twin tube	
8.5	
329	
111	
961	

CRF250RX

Liquid-cooled 4-stroke single DOHC

249.4 13.9 : 1 79 x 50.9 Electric

HRC-LC

 $\langle \mathbf{4} \rangle$

ELS

WHEELS, SUSPENSION AND BRAKES

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	

260 m	m hydraulic wavy disc
240 m	m hydraulic wavy disc
Showa	49 mm coil-sprung fork
Showa	n monoshock using Honda Pro-Link®
80/100)-21 Dunlop MX3S
100/90	0-19 Dunlop MX3S

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ELS

ALM-F



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EMSB

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PLRS

PGM-FI

CRF125F

CR	F1	1	

Air-cooled 4-stroke SOHC single	Air-cooled 4-stroke SOHC s
124,9	109
9.5 : 1	9:1
52.4 x 57.9	50.0 x 55.6
Electric / Kick	Electric / Kick

27° 30'	24° 25'
1,770 × 740 × 1,010	1,560 × 686 × 912
Diamond; steel	Steel backbone
4.3	5
264	175
88	74
785	667

95 mm drum	
95 mm drum	
31 mm fork, 99 mm travel	
Monoshock, 86 mm axle travel	
70/100-14	
5 mm leading/trailing drum 95 mm drum 95 mm telescopic fork, 150 mm travel 31 mm fork, 99 mm travel ngle shock using Honda Pro-Link system, Monoshock, 86 mm axle travel	

WVD PLRS ELS

(f) ELS





OF

CRF50F

Air-cooled 4-stroke 2-valve SOHC single	
49	
10 : 1	
39.0 × 41.4	
Kick	

25 °		
1,302	× 581 × 774	
Mond	-Backbone; steel tube	
2.6		
146		
50		
548		

80 mm leading / trailing drum
80 mm leading / trailing drum
21.7 mm inverted telescopic fork, 87 mm travel
Monoshock with cantilever-type swingarm, 70 mm axle travel
2.50 10 (33)
2.50 10 (33)





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.

<u>~</u>;;; 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.



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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.





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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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