

POWER-PACKED PERFORMANCE



Ready to dominate every track? The CRF450R was designed and engineered to keep you ahead of the competition.

Unbeaten in Pro Motocross last year, the winning race bike looks to continue its legacy of dominance in 2025 with a range of competitive upgrades and refinements. The CRF450RWE sets the standard for high-performance motocross, incorporating all the refinements from this year's CRF450R, along with professional upgrades and cosmetic finishes that define the Works Edition. Knowledge gained from countless test days, top-qualifier positions and podium finishes has been poured into the CRF450RWE. The result? A winning formula for a championship-calibre ride that's ready for any track. Set the pace then push the limits.

CRF
450R

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TECHNICAL SPECIFICATIONS



CRF450R

 Extreme Red



CRF450RWE

 Extreme Red

Engine		
Engine Type	Liquid-cooled 4-stroke	Liquid-cooled 4-stroke
Displacement (cc)	449	449
Cylinders	1	1
Valves	4	4
Compression Ratio	13.5:1	13.5:1
Bore & Stroke (mm)	96 x 62.1	96 x 62.1
Starter	Electric	Electric
Fuel System	Fuel injection	Fuel injection
Transmission	5-speed	5-speed
Drive	Chain	Chain
Fuel Capacity (L)	6.3	6.3
Dimensions		
Overall Length (mm)	2,183	2,183
Overall Width (mm)	827	827
Overall Height (mm)	1,265	1,265
Wheelbase (mm)	1,482	1,482
Seat Height (mm)	961	961
Ground Clearance (mm)	333	333
Kerb Weight (kg)	113	113
Tyres (Front)	80/100-21	80/100-21
Tyres (Rear)	120/80-19	120/80-19
Chassis		
Front Suspension Type	49mm Inverted telescopic fork	49mm Inverted telescopic fork
Front Wheel Travel (mm)	310	310
Front Adjustability	Compression and rebound	Compression and rebound
Rear Suspension Type	Single shock	Single shock
Rear Wheel Travel (mm)	310	310
Rear Adjustability	Preload, compression and rebound	Preload, compression and rebound
Brakes (Front)	1x 260mm disc	1x 260mm disc
Brakes (Rear)	1x 240mm disc	1x 240mm disc



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Showa® Fork

The 49mm Showa® fork features a conventional spring design that helps increase front suspension precision, handling and feel. New springs, seals and valving improve the consistency of the stroke feel throughout the entire range of travel, delivering a smoother and more controlled ride.

HRC Launch Control

Harness the power of HRC Launch Control for flawless starts. With three riding modes for mixed conditions, you can select the optimal power delivery for any track condition. Activate it with the press of a button and catapult yourself to the podium!

Electric Start

The lightweight electric starter offers quick, hassle-free restarts. Stay ready for whatever the race brings and get back in the action without missing a moment.



New Triple Clamps

New top and bottom triple clamps work with the new frame, revised fork, new front axle and new steering stem for a more consistent suspension feel throughout the stroke. Together, the new hardware helps improve the responsiveness, rigidity and turning performance of the new line. The road to perfect balance starts here.

Honda Selectable Torque Control^{D7} (HSTC)

HSTC has been optimised for the engine's power output and gear ratios for increased traction and smoother, more intuitive starts.

CRF450RWE FEATURES

Kashima & Titanium Oxide-Coated Fork Legs

The CRF450RWE's outer fork tubes are Kashima coated to reduce friction and enhance the responsiveness of the suspension system, all while improving the overall aesthetic of the Works Edition.

D.I.D DirtStar LT-X Rims

Featuring special D.I.D DirtStar LT-X rims that are stronger and tougher than the standard rims. Petal-style brake rotors efficiently disperse heat and the low-expansion front brake hose provides a strong feel and consistent stopping power.

Hinson Clutch Basket & Cover

The CRF450RWE includes a Hinson clutch basket and cover for increased durability and enhanced clutch performance. The setup offers minimal slippage and light lever pull for a smoother riding experience.

Exclusive Yoshimura System

Featuring a stainless steel header pipe and titanium muffler, the Yoshimura exhaust system boosts the torque and power of your ride. It's light, super trick, and tucks away neatly for better ergonomics.



Overseas model shown. D7 The HSTC is not meant to eliminate slipping. The HSTC is an auxiliary system to assist the rider for accelerator operations. Therefore, the same as for vehicles without the HSTC, safe riding practices are required, as even vehicles with the HSTC cannot handle unreasonable operations. Please refrain from sudden acceleration operations and ride safely. Honda Australia Motorcycle and Power Equipment Pty. Ltd. Level 4 6 Gladstone Street, Moonee Ponds, Victoria 3039. ABN 96 006 662 862. The specification and major features listed are accurate as at print date March 2025. However, Honda Australia Motorcycle and Power Equipment Pty. Ltd. Reserves the right to change or modify specifications and major features at any time without prior notice. Due to ordering, shipping and freight factors some colour model, options and accessory availability may vary from time to time. Check with your Honda Dealer for current information. Displayed paint and trim colours are indicative and may vary from actual.



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