

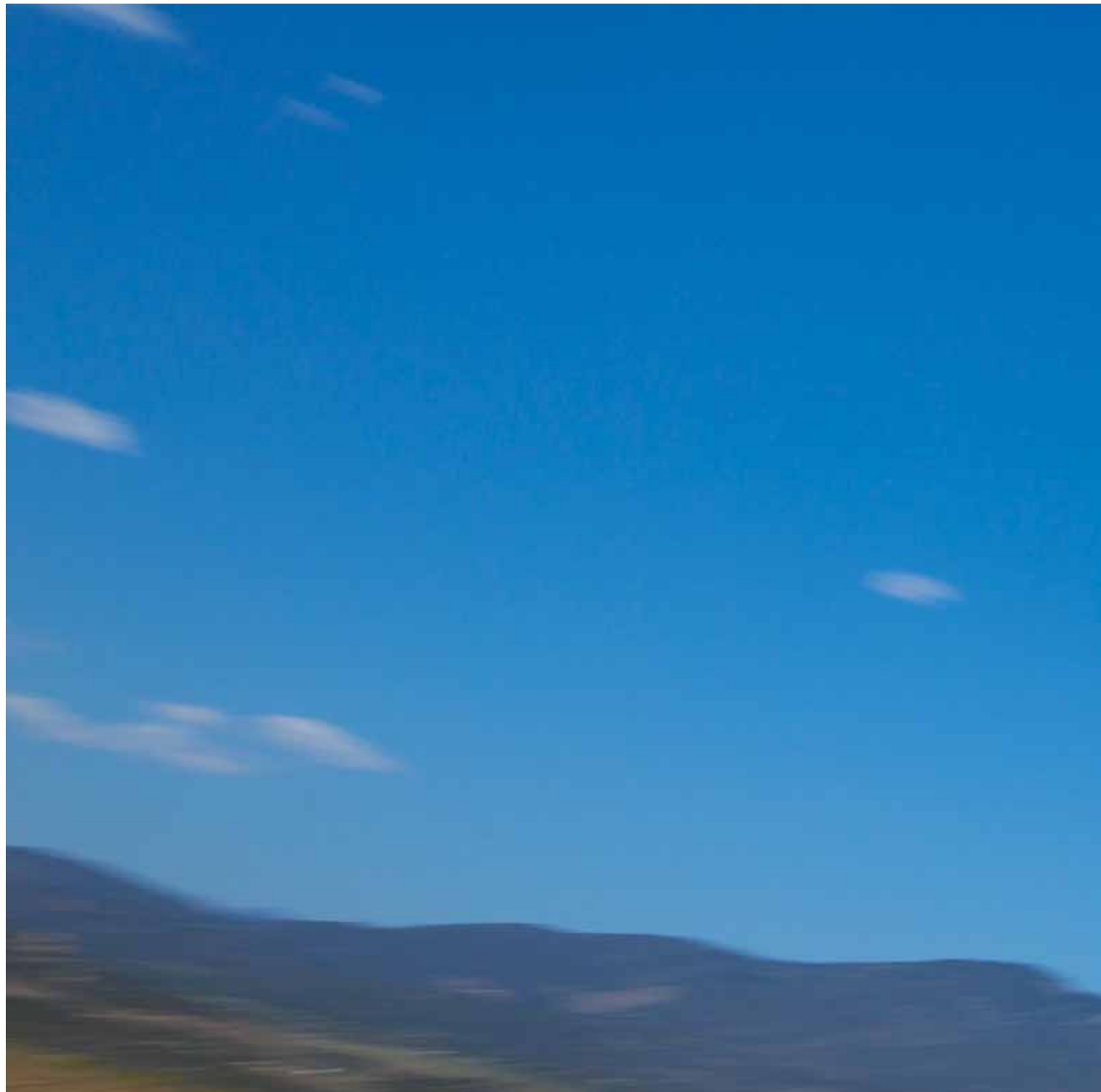
HONDA
The Power of Dreams

OFF ROAD RANGE



2014 OFF ROAD RANGE

Precision engineered with unrivalled reliability results in less time in the garage and more time powering through dirt. Packed full of cutting edge features and proven race winning technology, meet Honda's off-road range.





CRF450R

Designed from the ground up as a total package that is responsive and lightweight, Honda's 2014 CRF450R will continue to prove itself a winner at the highest levels of racing.



CRF 450R



Features

- Powered by Honda's proven 449cc, liquid-cooled, single-cylinder, Unicam® engine
- New intake and exhaust ports, a new Dual-Timing PGM-FI fuel injection setup and redesigned muffler internals boost torque output and increase throttle response
- New clutch springs give a lighter pull at the lever without sacrificing durability
- Revised internals in the KYB PSF® (Pneumatic Spring Fork) yield improved damping response
- Sixth generation aluminium twin-beam frame and aluminium swingarm and Pro-Link rear suspension linkage
- Light subframe and airbox
- Short and compact dual-muffler exhaust system tucks in closer to the motorcycle's centre of gravity
- Front disc cover designed in two parts for easier maintenance of the 240mm wave-pattern disc and twin-piston brake calliper, while the rear brake is a 240mm wave-pattern disc with single-piston calliper
- Improved footpeg mount features a patented debris-shielding design



*Overseas model shown.

SPECIFICATIONS

Engine Type	449cc liquid-cooled, single-cylinder, 4-stroke
Bore and Stroke	96.0mm x 62.1mm
Compression Ratio	12.5:1
Valve Train	Unicam®, 4-valve; 36mm inlet valves, 31mm exhaust valves
Carburation	PGM-FI
Ignition	Full transistor with electronic advance
Transmission	5-speed, constant mesh
Starter	Kick
Dimensions	2,191mm x 827mm x 1,271mm (L/W/H)
Final Drive	Chain
Front Suspension	48mm inverted Air Fork, fully adjustable, 273mm travel
Rear Suspension	Pro-Link® fully adjustable mono shock with adjustable spring preload, rebound damping adjustability, and compression damping adjustment separated into low-speed and high-speed, 315mm travel
Front Brake	Hydraulic single disc with twin-piston calliper
Rear Brake	Hydraulic single disc
Front Tyre	80/100 – 21 inch
Rear Tyre	120/80 – 19 inch
Wheelbase	1,492mm
Rake (Caster Angle)	27° 4'
Trail	116mm
Seat Height	953mm
Ground Clearance	330mm
Fuel Capacity	6.3 litres
Kerb Weight	111kg

CRF250R

Class-leading handling, improved power and trimmed weight combine with Honda's patented dual-muffler exhaust and engine advancements to ensure the 2014 CRF250R will remain an unbeatable motocross machine.





CRF
250R

Features

- A thoroughly revised 249cc Unicam® engine adds a big load of midrange punch, thanks to a new cylinder head and new piston with higher compression ratio
- A new Dual-Timing PGM-FI fuel injection system also helps boost power while also delivering better throttle response and control at partial throttle openings
- A new transmission adds toughness and durability
- All-new short and compact dual-muffler exhaust system further sharpens handling by centralising the motorcycle's mass
- The low centre of gravity and reduced turning inertia of the new chassis helps to improve the already stunning handling abilities
- Internal improvements to the 48mm Showa inverted front fork are complemented by a compact new Showa rear shock, revised Pro-Link suspension and a redesigned aluminium swingarm
- The true dual-function design of the front forks offers full compression and rebound-damping functions in each leg for balanced, proven performance
- The new swingarm, linkage and Showa rear shock helps the CRF250R hook up better under all types of track conditions
- Updated bodywork, better feel and control are guaranteed thanks to new rigid attachment points where the rider contacts the bike
- Fuel capacity is increased 6.3 litres

*Overseas model shown.

SPECIFICATIONS

Engine Type	249cc liquid-cooled, single-cylinder, 4-stroke
Bore and Stroke	76.8mm x 53.8mm
Compression Ratio	13.5:1
Valve Train	Unicam®, 4-valve; 30.5mm titanium intake valves, 25mm steel exhaust valves
Carburation	PGM-FI, 46mm throttle body
Ignition	Full transistor with electronic advance
Transmission	5-speed, constant mesh
Starter	Kick
Dimensions	2,181mm x 827mm x 1,271mm (L/W/H)
Final Drive	Chain
Front Suspension	48mm inverted Showa cartridge fork with 16-position rebound and 16-position compression damping adjustability, 273mm travel
Rear Suspension	Pro-Link® Showa single shock with adjustable spring preload, rebound damping adjustability, and compression damping adjustment separated into low-speed and high-speed, 313mm travel
Front Brake	Hydraulic single disc with twin-piston calliper
Rear Brake	Hydraulic single disc
Front Tyre	80/100 – 21 inch
Rear Tyre	100/90 – 19 inch
Wheelbase	1,489mm
Rake (Caster Angle)	27°23'
Trail	118mm
Seat Height	951mm
Ground Clearance	322mm
Fuel Capacity	6.3 litres
Kerb Weight	106.2kg

CRF150R/RB

Younger racers may be smaller in stature, but that doesn't mean they can't have a giant-sized heart for racing and winning. Honda's CRF150R/RB is designed especially for younger racers.



CRF
150R



Features

- Liquid-cooled 149cc, 4-stroke engine offers unrivalled performance and ease of use
- The cylinder head with optimised combustion chambershape and the camshaft offer stronger power, torque and drivability across a wide rev range
- Rigid and lightweight high-tensile steel frame provides effortless cornering and accurate straight-line tracking
- Suspension settings for the 37mm inverted Showa front fork and Pro-Link rear suspension system deliver ideal bump absorption
- Powerful and progressive hydraulic disc brakes front and rear
- Lightweight plastic body components offer a slim, aggressive style complementing the CRF racing graphics



*Overseas model shown.

SPECIFICATIONS

Engine Type	149.9cc, liquid-cooled single cylinder 4-stroke
Bore and Stroke	66mm x 43.8mm
Compression Ratio	11.7:1
Valve Train	Unicam®, 4-valve; 26mm steel intake valves, 22.5mm steel exhaust valves
Carburation	Keihin 32mm flat-slide carburettor with Throttle Position Sensor (TPS)
Ignition	CDI with electronic advance
Transmission	Close-ratio, 5-speed
Starter	Kick
Dimensions	1,832mm x 770mm x 1,133mm (L/W/H) 1,900mm x 770mm x 1,171mm (L/W/H) (RB)
Final Drive	#420 chain; 15T/50T #420 chain; 15T/56T (RB)
Front Suspension	37mm fully adjustable leading-axle inverted Showa cartridge fork; 275mm axle travel
Rear Suspension	Pro-Link fully adjustable Showa single shock; 272mm travel / 282mm axle travel (RB)
Front Brake	Single 220mm disc, single-piston calliper
Rear Brake	Single 190mm disc, single-piston calliper
Front Tyre	70/100 – 17 inch 70/100 – 19 inch (RB)
Rear Tyre	90/100 – 14 inch 90/100 – 16 inch (RB)
Wheelbase	1,260mm / 1,285mm (RB)
Rake (Caster Angle)	27°02' / 27°48' (RB)
Trail	78mm / 96mm (RB)
Seat Height	832mm / 866mm (RB)
Ground Clearance	301mm / 336mm (RB)
Fuel Capacity	4.3 litres
Kerb Weight	82.6kg / 84.4kg (RB)

CRF450X

One hell of a bike, one heavenly ride. With numerous magazine accolades and roaring approval from riders coast to coast, the electric start CRF450X is the favourite big-bore off road machine for racers and weekend warriors alike.



Features

- The CRF450X off road warrior was spawned by the creative minds at Honda to be the best open-class off road machine in the world and it has not failed to meet every expectation.
- With mechanical genetics based on the powerplant and chassis from the R-model, virtually every piece has been re-engineered to fulfill a completely different mission.
- Unique features include an electric-start system for easy starting in all conditions, a fuel-tank capacity of 7.2 litres, a powerful 35w halogen headlight that offers a wide range of illumination and all plastic body components designed for slimmer, more aggressive styling and lighter weight.
- Its powerful 4-stroke 449cc liquid-cooled four-valve Unicam engine is designed to produce power across a wide rpm range for off road riding.
- On top of that, the CRF450X's 40mm Keihin FCR-type carburetor features four rollers on

the flat slide, resulting in smooth operation, crisp throttle response and excellent rideability.

- Additional special features such as a convenient sidestand integrated into the left footpeg bracket that can be easily removed for competition events and an 18-inch rear wheel for greater flat-tyre protection make this amazing bike even more attractive to the rider.

SPECIFICATIONS

Engine Type	449cc liquid-cooled 4-stroke 4-valve SOHC single
Bore and Stroke	96mm x 62.1mm
Compression Ratio	12.0:1
Valve Train	Unicam; 4-valve
Carburation	40mm Keihin FCR flat-slide carburetor with Throttle Position Sensor (TPS)
Ignition	CDI with electronic advance and lighting coil
Transmission	5-speed
Starter	Electric and kick
Dimensions	2,179mm x 521mm x 1,273mm
Final Drive	#520 T-ring-sealed chain
Front Suspension	47mm Showa inverted leading-axle twin chamber cartridge-type telescopic fork with 16-step adjustable compression and rebound damping; 315mm stroke
Rear Suspension	Pro-Link with Showa damper, adjustable low-speed (13-step) and high-speed (3.5-turn) compression and 17-step rebound damping; 313mm travel
Front Brake	240mm hydraulic disc with dual-piston calliper and sintered metal pads
Rear Brake	240mm hydraulic disc with single-piston calliper and sintered metal pads
Front Tyre	80/100 – 21 inch
Rear Tyre	110/100 – 18 inch
Wheelbase	1,480mm
Rake (Caster Angle)	27°3'
Trail	114.7mm
Seat Height	963mm
Ground Clearance	345mm
Fuel Capacity	7.2 litres
Kerb Weight	122kg

CRF250X

**A serious, purpose-built,
off road bike that exceeds
the capabilities of the
competition in all conditions.**



Features

- The high-spirited CRF250X combines light weight, strong, versatile power, confidently responsive handling and unrivalled fun in one of the finest dirt bikes to be found in the world of off-road riding.
- Acclaimed by the motorcycle press, enthusiasts and serious off- road riders everywhere, it features the easy dependability of push- button electric starting, enduro-style lights to extend your fun after the sun goes down, and the strong, versatile performance of a motocross champion that anybody can enjoy.
- The CRF250X comes with new Honda Racing-inspired graphics. Whether you are battling for a position right up front ahead of hard-core competition or just looking for pure high-flying, roost- throwing, dirt riding enjoyment, the dynamic CRF250X's winning

combination of easy-handling excitement and solid dependability will deliver more fun than you've ever had in the dirt.

*Overseas model shown.

SPECIFICATIONS

Engine Type	249cc liquid-cooled, 4-stroke, 4-valve SOHC single
Bore and Stroke	78mm x 52.2mm
Compression Ratio	12.9:1
Valve Train	Unicam; 4-valve
Carburation	37mm Keihin FCR flat-slide carburetor with Throttle Position Sensor (TPS)
Ignition	CDI with electronic advance and lighting coil
Transmission	5-speed
Starter	Electric and kick
Dimensions	2,174mm x 827mm x 1,261mm
Final Drive	#520 T-ring-sealed chain
Front Suspension	47mm inverted Showa leading axle twin-chamber cartridge type telescopic fork with 16-step adjustable compression and rebound damping; 315mm stroke
Rear Suspension	Pro-Link with single Showa damper, adjustable low-speed (13-step) and high-speed (3.5 turn) compression and 17-step rebound damping; 312mm travel
Front Brake	240mm hydraulic disc with dual-piston calliper and sintered metal pads
Rear Brake	240mm hydraulic disc with single-piston calliper and sintered metal pads
Front Tyre	80/100 – 21 inch
Rear Tyre	100/100 – 18 inch
Wheelbase	1481mm
Rake (Caster Angle)	27°54'
Trail	118mm
Seat Height	958mm
Ground Clearance	346mm
Fuel Capacity	7.3 litres
Kerb Weight	114.8kg

CRF250L

Honda's CRF250L is a machine that's more than ready to take on some serious off-road challenges without giving up street-riding accommodations



Features

- Honda's CRF250L offers convenient every-day riding along with enjoyable weekend off-road riding in one easy to handle package. With a liquid-cooled, 4 stroke, DOHC, single cylinder engine, the CRF250L has more than enough power and agility to tackle any kind of riding conditions.
- Designed with user friendliness in mind, the new CRF250L offers specifications and equipment such as a bright headlight, twin trip meter, fuel gauge and a clock, along with a range of optional parts and accessories to cater for all requirements.
- Offering flexibility like no other Honda machine, the CRF250L embodies useability, capability and affordability wrapped up in one on/off-road power package.



*Overseas model shown.

SPECIFICATIONS

Engine Type	249.6cc liquid-cooled 4-stroke DOHC 4-valve single cylinder
Bore and Stroke	76mm x 55mm
Compression Ratio	10.7:1
Valve Train	DOHC 4-valve
Carburation	PGM-FI electronic fuel injection
Ignition	CDI with electronic advance
Transmission	6-speed constant mesh transmission
Starter	Electric
Dimensions	2,195mm x 815mm x 1,195mm
Final Drive	Chain
Front Suspension	43mm inverted fork
Rear Suspension	Pro-link single shock
Front Brake	Hydraulic disc
Rear Brake	Hydraulic disc
Front Tyre	3.00 x 21 inch
Rear Tyre	120/80 x 18 inch
Wheelbase	1,445mm
Seat Height	875mm
Ground Clearance	255mm
Fuel Capacity	7.7 litres
Kerb Weight	143kg

CRF230F

Discover the world of off road riding. The CRF230F is the ideal bike for recreational riders.



Features

- With electric starting, long-travel suspension and dependable power, the CRF230F is the perfect bike to discover the world of off road riding.
- The popular CRF230F features an ever faithful 223cc air-cooled 4-stroke single-cylinder engine that delivers smooth, even power and torque across a wide rpm range making it the perfect enduro for teens and the young at heart. The rider focused features don't stop there.
- The convenience of electric start, plus a smooth shifting 6-speed gearbox, an easy-to-use heavy duty clutch and a 26mm carburetor offering superb throttle response mean the CRF230F is a bike built for fun.
- With its low and slim motocross style seat, powerful 240mm front disc brake, box section aluminium swingarm and Pro-Link rear suspension, the CRF230F also offers sure and easy handling.
- It's lightweight high-tensile steel frame wrapped in CRF Honda Racing-inspired bodywork, translates to hard edged looks – an important factor for those who like to be the leader of the pack. Described by fans as being “very forgiving”, torquey with loads of low down power and extremely manoeuvrable, the CRF230F is sure to please everyone in the family.

*Overseas model shown.

SPECIFICATIONS

Engine Type	223cc air-cooled, single-cylinder 4-stroke
Bore and Stroke	65.5mm x 66.2mm
Compression Ratio	9.0:1
Valve Train	SOHC; 2-valve
Carburation	28mm piston-valve
Ignition	CDI
Transmission	6-speed
Starter	Electric
Dimensions	2,059mm x 812mm x 1,190mm
Final Drive	#520 O-ring-sealed chain
Front Suspension	37mm leading axle Showa fork; 216mm stroke
Rear Suspension	Pro-Link Showa single shock with spring pre-load adjustability; 230mm travel
Front Brake	240mm hydraulic disc with dual-piston calliper and sintered metal pads
Rear Brake	110mm leading drum
Front Tyre	80/100 – 21 inch
Rear Tyre	100/100 – 18 inch
Wheelbase	1,372mm
Rake (Caster Angle)	26°45'
Trail	111mm
Seat Height	872mm
Ground Clearance	305mm
Fuel Capacity	8.2 litres (including 1.5 litre reserve)
Kerb Weight	113.8kg

CRF150F

Great handling and ultra reliability make the rider-friendly CRF150F a popular choice for those with some experience already under their belt.



Features

- With its modest 825mm seat height, ultra-reliable 149cc single-cylinder air-cooled 4-stroke engine and great-handling chassis, the CRF150F redefines off road fun for young adults, as well as mum and dad. Ideal for the young rider with some experience.
- The CRF150F is extremely rider-friendly thanks to a responsive 24mm carburetor that offers excellent throttle response. Its ultra-reliable CD ignition never needs maintenance and with an electric starter for convenient starting in all conditions you never need to worry about getting stuck when away from home.
- Additional features include a maintenance-free battery, snail-type chain adjusters for easy maintenance, ultra durable body components, an 7.2 litre fuel tank engine for long range, high-impact plastic skid-plate for undercarriage protection, washable, reusable foam air filter and more.
- When it comes to fun bikes, kids know what they want and what they want is a Honda. Geared to increase the fun factor while reinforcing safety at all times.

*Overseas model shown.

SPECIFICATIONS

Engine Type	149cc air-cooled single-cylinder 4-stroke
Bore and Stroke	57.3mm x 57.8mm
Compression Ratio	9.5:1
Valve Train	SOHC; 2-valve
Carburation	22mm piston-valve
Ignition	DC-CDI
Transmission	5-speed
Starter	Electric
Dimensions	1,945mm x 799mm x 1,111mm
Final Drive	#520 O-ring-sealed chain
Front Suspension	35mm leading axle Showa fork; 207mm stroke
Rear Suspension	Pro-Link Showa single shock; 227mm travel
Front Brake	240mm hydraulic disc with dual- piston calliper and sintered metal pads
Rear Brake	110mm leading drum
Front Tyre	70/100 – 19 inch
Rear Tyre	90/100 – 16 inch
Wheelbase	1,328mm
Rake (Caster Angle)	26°02'
Trail	88mm
Seat Height	826mm
Ground Clearance	257mm
Fuel Capacity	7.2 litres (including 1.5 litre reserve)
Kerb Weight	107.2kg



CRF125F/FB

Honda's newly released CRF125F and CRF125FB (big wheel) are the ultimate machines for kids serious about off-road riding. Taking their cues from Honda's championship winning CRF450R and CRF250R, the new CRF125F and CRF125FB offer everything a young entry-level rider could possibly hope for.





CRF125F



CRF125FB

Features

- Honda's new CRF125F and CRF125FB feature an air-cooled, four-speed engine with electric start, a brand new frame, updated suspension and improved performance.
- The robust and low maintenance 125cc, air-cooled, SOHC engine delivers strong and linear bottom-end torque which is ideal for the younger rider.
- Fed by a carburetor, the new airbox design which is located lengthwise, saves weight, increases airflow and also locates the compact battery needed for the electric starter.
- Powerful, zero-fuss CDI ignition boosts performance, as does the new exhaust while the four-speed manual gearbox and clutch are smooth changing and easy to use.
- The drive sprocket cover is no longer integrated with the ACG cover allowing for improved accessibility.
- To ensure a stable and engaging ride, a brand new steel diamond backbone frame gives the CRF125F's chassis the perfect balance of rigidity and strength.
- Control is further guaranteed thanks to the wide-set footpegs and brake pedal which match narrower handlebars.
- Half-waffle rubber grips on the handlebars are the same used on the CRF450R.
- New hydraulic front disc brake with a rear drum brake provides strong stopping power and the front brake lever is adjustable to suit the rider's hand size.
- The bigger wheel size of the CRF125FB, 19 inch front and 16 inch rear, is ideal for the taller kids and adds to the machine's versatility. In contrast the CRF125F has a front wheel size of 17 inch front and 14 inch rear.

*Overseas model shown.

SPECIFICATIONS

Engine Type	125cc, air-cooled, single-cylinder, 4-stroke
Bore and Stroke	52.4mm x 57.9mm
Compression Ratio	9.0:1
Valve Train	SOHC, two-valve
Carburation	Carburetor
Ignition	DC-CDI Battery
Transmission	4-speed
Starter	Electric & Kick
Dimensions	1,770mm x 740mm x 1,010mm (L/W/H) 1,860mm x 770mm x 1,075mm (L/W/H)(FB)
Final Drive	Chain
Front Suspension	31mm telescopic fork, 124mm travel 31mm telescopic fork, 133mm travel*
Rear Suspension	Pro-Link single shock, 114mm travel Pro-Link single shock, 150mm travel (FB)
Front Brake	220mm Hydraulic disc
Rear Brake	95mm leading/trailing drum
Front Tyre	70/100 – 17 inch 70/100 – 19 inch (FB)
Rear Tyre	90/100 – 14 inch 90/100 – 16 inch (FB)
Wheelbase	1,220mm / 1,255mm (FB)
Rake (Caster Angle)	27°30'
Trail	81mm / 94mm (FB)
Seat Height	735mm / 785mm (FB)
Ground Clearance	215mm / 265mm (FB)
Fuel Capacity	4.3 litres
Kerb Weight	87kg / 88kg (FB)

CRF110F

Designed for the younger generation of off-road riders, the new CRF110F is a mini bike with massive appeal boasting a brand new engine with electric start.



Features

- Honda's all new CRF110F has been designed to replace the CRF70F and boasts a brand new engine with electric start, a new chassis plus CRF450R motocross styling all rolled into one appealing package.
- With an increased bore and stroke, the CRF110F's air-cooled, two-valve, SOHC engine now displaces 109cc and the rise in power and torque figures result in greatly improved performance everywhere in the rev-range and much stronger and more consistent drive out of corners.
- The automatic twin clutch system features two types of independent clutch – one for starting, the other for shifting. This four-speed manual gear box with automatic clutch makes changing gears easier and smoother than a conventional system.
- A 1.2 litre airbox provides the much greater airflow that the larger capacity engine requires.
- For more reliable performance digital ignition now gives the engine optimum ignition timing
- The new steel backbone frame and swingarm blends a high balance of rigidity with a certain amount of tuned flex, allowing the rider to fully exploit the engine's capabilities.
- The frame also incorporates safety covers at heat points, and carrying handles for easy transport.
- The suspension has been completely uprated, for better traction and stability. Drum brakes front and rear provide ample, and measured braking force.
- A completely new body kit, with echoes of the CRF450R's 'triangle proportion' gives a crisp and modern appearance.

*Overseas model shown.

SPECIFICATIONS

Engine Type	109cc, air-cooled, single-cylinder, 4-stroke
Bore and Stroke	50mm x 55.6mm
Compression Ratio	9.0:1
Valve Train	SOHC; 2-valve
Carburation	Carburetor with throttle stop
Ignition	DC-CDI
Transmission	4-speed, constant mesh
Starter	Electric and Kick
Dimensions	1,560mm x 685mm x 910mm
Final Drive	Chain
Front Suspension	31mm fork, 90mm travel
Rear Suspension	Mono shock, 87mm travel
Front Brake	95mm drum
Rear Brake	95mm drum
Front Tyre	70/100 – 14 inch
Rear Tyre	80/100 – 12 inch
Wheelbase	1,065mm
Rake (Caster Angle)	24° 25'
Trail	52mm
Seat Height	667mm
Ground Clearance	175mm
Fuel Capacity	5 litres (including 1 litre reserve)
Kerb Weight	74kg

CRF50F

Built tough for tough little tackers. A fun bike for kids and adults alike. Rugged, dependable, safety first.

Features

- The CRF50F continues to be one of the best selling bikes in the country due to its incredible construction.
- With its single-shock rear suspension, inverted fork and bullet proof 49cc 4-stroke engine it can tough it out. This legendary fun bike has a narrow 109mm wide CR-type seat, slim fuel tank and extra-low 549mm seat height to provide excellent comfort and mobility for young riders.
- Its high-tensile steel frame and swingarm also offer excellent balance of strength and compliance, all important features when dealing with whatever the kids might throw at it! Of course, the CRF50F also appeals to those adults who want to get in on the Fast 50's craze at fun bike 4-stroke competitions across the country.



*Overseas model shown.

SPECIFICATIONS

Engine Type	49cc air-cooled single-cylinder 4-stroke
Bore and Stroke	39mm x 41.4mm
Compression Ratio	10:1
Valve Train	SOHC; 2-valve
Carburation	13mm piston-valve
Ignition	CDI
Transmission	3-speed with automatic clutch
Starter	Kick
Dimensions	1,302mm x 581mm x 774mm
Final Drive	#420 chain
Front Suspension	Inverted telescopic fork; 87mm stroke
Rear Suspension	Single shock; 70mm travel
Front Brake	80mm leading drum
Rear Brake	80mm leading drum
Front Tyre	2.50 – 10 inch
Rear Tyre	2.50 – 10 inch
Wheelbase	911mm
Rake (Caster Angle)	25°
Trail	32mm
Seat Height	548mm
Ground Clearance	146mm
Fuel Capacity	2.6 litres (including 0.7 litre reserve)
Kerb Weight	50kg

TRX450ER

Honda's race-ready
TRX450ER — has won
in virtually every ATV
racing discipline.



Features

- Powerful 4-stroke 450cc liquid-cooled 4-valve Unicam engine is based on the award-winning CRF450R motocross and CRF450X off road engines.
- Lightweight, compact, internal auto decompressor provides superb cold-starting and hot-starting operation.
- Cylinder-head cover is made of magnesium to reduce engine weight.
- Press-fitted steel spark-plug pipe fits between forked exhaust rocker arms, further contributing to compact cylinder-head design.
- 40mm Keihin FCR-type carburetor features four rollers on the flat slide, resulting in very light throttle effort and smooth operation.
- Vertically split crankcases feature a built-in oil pump, reducing weight compared to a conventional design.
- Exhaust system uses a lightweight stainless steel header and muffler.
- Independent double-wishbone, double A-arm front suspension with fully adjustable Showa shocks.
- Dual 174mm front disc brakes with dual-piston callipers and high-pressure front brake lines provide excellent stopping power.
- Lightweight aluminium wheels reduce unsprung weight for outstanding handling.

*Overseas model shown.

SPECIFICATIONS

Engine Type	450cc liquid-cooled single-cylinder 4-stroke
Bore and Stroke	96mm x 62mm
Carburation	Keihin 40mm flat slide with Throttle Position Sensor (TPS)
Ignition	CD with electronic advance
Starter	Electric
Clutch	Wet multi-plate
Transmission	5-speed
Driveline	O-ring-sealed chain
Front Suspension	Independent double-wishbone with Showa shocks, featuring adjustable spring pre-load, rebound and compression damping; 213mm of travel
Rear Suspension	Pro-Link with single Showa shock featuring adjustable spring pre-load, rebound and compression damping; 236mm of travel
Front Brakes	Dual hydraulic 174mm discs with twin-piston callipers
Rear Brake	Single hydraulic 190mm disc with single piston calliper
Front Tyres	21 x 7R-10 knobby radial
Rear Tyres	20 x 10-9 knobby radial
Length	1862mm
Width	1177mm
Height	1100mm
Wheelbase	1275mm
Seat Height	833mm
Ground Clearance	111mm
Fuel Capacity	10.3 litres (including 3 litre reserve)
Kerb Weight	176kg

TRX250X

Honda's sporty, fun-to-ride TRX250EX offers TRX450R race-inspired styling, front and rear suspension built to take on anything the track can throw at it, as well as Honda's revolutionary innovation – the SportClutch.



Features

- TRX450R-inspired bodywork.
- Hand-operated Honda SportClutch that enables the rider to experience manual clutch actuation with the advantage of no stalling.
- Lightweight OHV air-cooled 229cc engine is longitudinally mounted to allow direct drive-shaft alignment to rear wheels.
- Closed crankcase vent system.
- Automatic cam-chain tensioner.
- Electric starter.
- Maintenance-free shaft drive.
- Steel swingarm and single rear shock absorber provides 145mm of travel.
- Dual hydraulic 174mm front disc brakes and fully sealed rear mechanical drum brake.



*Overseas model shown.

SPECIFICATIONS

Engine Type	229cc air-cooled OHV longitudinally mounted single- cylinder 4-stroke
Bore and Stroke	68.5mm x 62.2mm
Carburation	20mm piston-valve
Ignition	AC-CDI with electronic advance
Transmission	5-speed with reverse
Starter	Electric
Dimensions	1,739mm x 1,062mm x 1,082mm
Final Drive	Direct rear driveshaft
Front Suspension	Independent double-wishbone; 150mm travel
Rear Suspension	Swing arm with single shock; 145mm travel
Front Brake	Dual hydraulic 174mm discs
Rear Brake	Sealed mechanical drum
Front Tyres	22 x 7 – 10 knobby
Rear Tyres	22 x 10 – 9 knobby
Wheelbase	1,124mm
Seat Height	797mm
Ground Clearance	146mm
Fuel Capacity	9.5 litres (including 2.6 litre reserve)
Kerb Weight	171kg

TRX90X

With TRX450ER-inspired styling, an electric starter, a refined suspension system and a bulletproof 86cc SOHC 4-stroke engine, the TRX90X is a great place for young riders to start.

Features

- Honda's 86cc SOHC 4-stroke engine offers smooth power delivery and legendary reliability.
- Convenient electric starter for ease of starting in all conditions.
- Maintenance-free CD ignition system never needs attention.
- Honda's durable automatic clutch makes takeoffs and shifting a breeze.
- Independent front suspension features a pair of rugged shock absorbers.
- Versatile four-speed transmission.
- Uniquely designed centre mud guards keep mud and debris away from the rider's feet.



*Overseas model shown.

SPECIFICATIONS

Engine Type	86cc air-cooled 4-stroke OHC single cylinder
Bore and Stroke	47mm x 49.5mm
Carburation	16mm piston-valve
Ignition	DC-CDI
Transmission	4-speed
Starter	Electric
Dimensions	1,489mm x 895mm x 928mm
Final Drive	O-ring-sealed chain
Front Suspension	Independent suspension; 65mm travel
Rear Suspension	Swingarm with single shock; 65mm travel
Front Brake	Dual sealed drum
Rear Brake	Sealed mechanical drum
Front Tyres	20 x 7 – 8
Rear Tyres	19 x 8 – 8
Wheelbase	983mm
Seat Height	660mm
Ground Clearance	100mm
Fuel Capacity	6.3 litres (including 1 litre reserve)
Kerb Weight	119kg

HONDA
The Power of Dreams



GHR Honda Todd Smith on Honda's CRF450X at Dakar 2013





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Engineered for your Honda. Only one brand of oils and chemicals guarantees performance in Honda engines. Starting with the development by R&D in Japan nobody else crafts these products to the industry's most demanding standards... Honda quality!

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At Honda, our goal is to create the best motorcycles in the world and is matched by an equally strong commitment to responsible and safe riding. Remember, always wear a helmet, eye protection and protective clothing when you ride. Always obey the road laws and always use common sense. Never ride under the influence of alcohol or drugs and never use the street as a racetrack. Respect your own limitations. Respect the rights of others on the road. And respect the overall motorcycling experience, there's nothing else like it!

Honda recommends that all riders take a training course and read their owner's manual thoroughly. For safety or training information, call your local Honda Australia Rider Training centre: Melbourne (03) 9270 1377, Sydney (02) 9144 5725, Brisbane (07) 3341 5657. Website: hart.honda.com.au

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