



The easy way to ride in style

Fashionable, frugal, and a whole lot of fun! That's what the sleek Honda SH150i scooter is all about. It will get you wherever you're going with style — and a smile — thanks to its appealing blend of Euro-cool design and Honda quality and performance. No wonder it's been the best-selling scooter in Italy for years.

The fun begins with the type of versatile performance that's ideal for both city and open-road riding, solo or two-up. A 153 cc liquid-cooled four-stroke engine with PGM-FI electronic fuel injection produces great power with superior engine efficiency. And the engine is super easy to use — just twist the throttle and go, because Honda's sophisticated V-Matic automatic transmission takes care of the rest.

When the light turns red, another smart SH150i feature helps to bring you to a sure stop: Honda's Combined Braking System. Check out the big 16-inch wheels that contribute to confident handling and sure control over potholes, streetcar tracks and other obstacles in the road. Got stuff to carry?

The underseat storage compartment and standard 35-litre top box can swallow up a laptop, groceries... you name it. And a handy hook in front of the seat is perfect for holding a small shopping bag. Of course, the SH150i comes with renowned Honda quality and reliability built right in, and it's backed by Honda's Canada-wide dealer network so you can ride with extra confidence.

For the perfect blend of cool and cutting-edge, hop on a Honda SH150i. And be prepared to smile — a lot.



- >>> Honda's Combined Braking System connects the front and rear brakes for added stopping control and confidence. When you pull on the front brake lever, the front brake operates normally. When you pull on the rear brake lever, some of the force is also applied to the front to automatically balance braking force between the two wheels. The result? Safer, more controlled stops
- >>> Compact and reliable four-stroke engine delivers strong low-to-midrange torque, which means quick take-offs and sporty acceleration – even with a passenger on board
- >>> The sophisticated Honda V-Matic automatic transmission means twist-and-go simplicity – no shifting required
- >>> The SH150i's large-diameter 16-inch wheels and tires help to provide a comfortable ride and sure handling. You get big-bike control with scooter style and convenience
- >>> The wide and low padded seat, passenger flip-down footrests and wide step-through floorboard contribute to exceptional comfort for both rider and passenger, whether you're heading downtown or way out of town

DID YOU KNOW that Honda's versatile Spray Cleaner & Polish is so popular among racers, many non-Honda teams secretly use it with the label covered?

Ideal for your active lifestyle

You're always on the go. Bopping from little cafés to big shopping malls, and from quiet bookstores to raucous concerts, and from hectic downtown workplaces to serene cottage-country retreats. Is there a mode of transportation that fits this type of active lifestyle?

You bet: the Honda Ruckus and Jazz.

These fashionable and fun scooters make hopping around from place to place a breeze, thanks to their light weight, comfortable size, user-friendly operation and handy practical features. Oh, and one more thing: they're an absolute blast to ride!

The fun begins with a frugal and quiet 49 cc liquid-cooled four-stroke engine that's really easy to use — just press the start button, twist the throttle and go, because



Ruckus

Honda's sophisticated V-Matic™ automatic transmission takes care of the rest. There's no clutch and no shifting required — not even into neutral or park — so you never have to worry about stalling.

Both the Ruckus and the Jazz are so

>>> Both the Ruckus and the Jazz use Honda's sophisticated V-Matic transmission, which provides seamless shifting and ample power throughout a wide range of speeds along with twist-and-go simplicity

>>> A lightweight 49 cc four-stroke liquid-cooled engine delivers strong performance and efficiency, reliably and quietly

>>> Simple push-button electric start gets you going quickly

>>> A well-padded seat boasts a low seat height (719 mm / 28.3 in. on the Jazz, 735 mm / 28.9 in. on the Ruckus) for added confidence at stops

>>> The Jazz's lockable underseat compartment offers nearly 22 litres of storage capacity



Jazz

light and easy to handle that squeezing into a tight parking spot and putting them up on the centrestand is absolutely no sweat at all. A huge storage area under the Jazz's seat swallows up a full-face helmet or a few groceries, while the Ruckus shows off an urban-assault, bare-bones look that includes special deep-tread tires that invite you to venture beyond the city to the dirt or gravel roads of cottage country.

With the perfect blend of cutting-edge styling, economical operation and legendary Honda reliability, the Honda Ruckus and Jazz are your keys to an active lifestyle. Unlock the excitement with every ride.





SPECIFICATIONS

	Gold Wing / Gold Wing Airbag	ST1300A	DN-01	VT1300CXA Fury *	VT1300CSA Sabre
Engine type	Liquid-cooled horizontally opposed six	Liquid-cooled 90-degree V-4	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin
Displacement	1,832 cc	1,261 cc	680 cc	1,312 cc	1,312 cc
Bore & stroke	74 mm x 71 mm	78 mm x 66 mm	81 mm x 66 mm	89.5 mm x 104.3 mm	89.5 mm x 104.3 mm
Compression ratio	9.8:1	10.8:1	10:1	9.2:1	9.2:1
Valve train	Chain-driven SOHC, 2 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder	Chain-driven SOHC, 4 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder
Fuel delivery	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
Transmission	Five-speed including overdrive, plus electric reverse	Five-speed	HFT continuously variable, hydro-mechanical 2-mode automatic with six-speed manual mode	Five-speed	Five-speed
Final drive	Shaft	Shaft	Shaft	Shaft	Shaft
Front suspension	45 mm cartridge fork with anti-dive system; 122 mm (4.8 in.) travel	45 mm HMAS cartridge fork; 108 mm (4.3 in.) travel	41 mm fork; 101 mm (4 in.) travel	45 mm fork; 102 mm (4 in.) travel	41 mm fork; 102 mm (4 in.) travel
Rear suspension	Pro-Arm single-sided swingarm with Pro-Link single shock with computer-controlled preload adjustment and two memory presets; 105 mm (4.1 in.) travel	HMAS gas-charged single shock with five-position spring preload adjustment; 123 mm (4.8 in.) travel	Single shock with spring preload adjustment; 120 mm (4.7 in.) travel	Single shock with adjustable rebound damping and six-position spring preload adjustment; 95 mm (3.7 in.) travel	Single shock; 100 mm (3.9 in.) travel
Tires	130/70R - 18 radial front; 180/60R - 16 radial rear	120/70ZR - 18 radial front; 170/60ZR - 17 radial rear	130/70ZR-17 radial front; 190/50ZR-17 radial rear	90/90 - 21 front; 200/50R - 18 rear	90/90 - 21 front; 170/80 - 15 rear
Brakes	Front dual 296 mm discs with triple-piston calipers; rear 316 mm disc with triple-piston caliper. Dual-Combined Braking System with ABS	Front dual 310 mm discs with triple-piston calipers; rear 316 mm disc with triple-piston caliper. Dual-Combined Braking System with ABS	Front dual 296 mm discs with triple-piston calipers; rear 276 mm disc with dual-piston caliper. Combined Braking System with ABS	Front single 336 mm disc with triple-piston caliper; rear 296 mm disc with dual-piston caliper. Combined Braking System with ABS	Front single 336 mm disc with triple-piston caliper; rear 296 mm disc with dual-piston caliper. Combined Braking System with ABS
Seat height	740 mm (29.1 in.)	790 mm (31.1 in.) adjustable +/- 15 mm (0.6 in.)	713 mm (28.1 in.)	685 mm (27 in.)	684 mm (26.9 in.)
Wheelbase	1,690 mm (66.5 in.)	1,491 mm (58.7 in.)	1,609 mm (63.3 in.)	1,805 mm (71.1 in.)	1,785 mm (70.3 in.)
Curb weight	412 kg (908 lb); Airbag model: 421 kg (928 lb) including required fluids and full tank of gas - ready to ride	331 kg (760 lb) including required fluids and full tank of gas - ready to ride	270 kg (595 lb) including required fluids and full tank of gas - ready to ride	308 kg (679 lb) including required fluids and full tank of gas - ready to ride	307 kg (677 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	25 litres	29 litres	15.3 litres, including 3-litre reserve	12.8 litres	16.5 litres
Colour	Nebulous Black Metallic, Caliente Red Metallic; Airbag: Nebulous Black Metallic, Pearl Glacier White	Graphite Black	Graphite Black	Mat Axis Orange, Bordeaux Red Metallic	Glint Wave Blue Metallic



	VT1300CRA Stataline	VT1300CTA Interstate	Shadow RS	VT750C Phantom	VT750CA Spirit
Engine type	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin	Liquid-cooled 52-degree V-twin
Displacement	1,312 cc	1,312 cc	745 cc	745 cc	745 cc
Bore & stroke	89.5 mm x 104.3 mm	89.5 mm x 104.3 mm	79 mm x 76 mm	79 mm x 76 mm	79 mm x 76 mm
Compression ratio	9.2:1	9.2:1	9.6:1	9.6:1	9.6:1
Valve train	Chain-driven SOHC, 3 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder	Chain-driven SOHC, 3 valves per cylinder
Fuel delivery	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
Transmission	Five-speed	Five-speed	Wide-ratio five-speed	Wide-ratio five-speed	Wide-ratio five-speed
Final drive	Shaft	Shaft	O-ring-sealed chain	Shaft	Shaft
Front suspension	41 mm fork; 102 mm (4 in.) travel	41 mm fork; 102 mm (4 in.) travel	41 mm fork; 118 mm (4.6 in.) travel	41 mm fork; 117 mm (4.6 in.) travel	41 mm fork; 115 mm (4.5 in.) travel
Rear suspension	Single shock; 100 mm (3.9 in.) travel	Single shock; 100 mm (3.9 in.) travel	Dual shocks with spring preload adjustment; 90 mm (3.5 in.) travel	Dual shocks with spring preload adjustment; 89 mm (3.5 in.) travel	Dual shocks with spring preload adjustment; 89 mm (3.5 in.) travel
Tires	140/80 - 17 front; 170/80 - 15 rear	140/80 - 17 front; 170/80 - 15 rear	100/90 - 19 front; 150/80 - 16 rear	120/90 - 17 front; 160/80 - 15 rear	90/90 - 21 front; 160/80 - 15 rear
Brakes	Front single 336 mm disc with triple-piston caliper; rear 296 mm disc with dual-piston caliper. Combined Braking System with ABS	Front single 336 mm disc with triple-piston caliper; rear 296 mm disc with dual-piston caliper. Combined Braking System with ABS	Front single 296 mm disc with dual-piston caliper; rear drum	Front single 296 mm disc with dual-piston caliper; rear drum	Front single 296 mm disc with dual-piston caliper; rear 276 mm disc with single-piston caliper. Combined Braking System with ABS
Seat height	680 mm (26.8 in.)	680 mm (26.8 in.)	750 mm (29.5 in.)	655 mm (25.8 in.)	655 mm (25.8 in.)
Wheelbase	1,785 mm (70.3 in.)	1,785 mm (70.3 in.)	1,560 mm (61.4 in.)	1,640 mm (64.6 in.)	1,655 mm (65.2 in.)
Curb weight	311 kg (686 lb) including required fluids and full tank of gas - ready to ride	329 kg (725 lb) including required fluids and full tank of gas - ready to ride	228 kg (503 lb) including required fluids and full tank of gas - ready to ride	249 kg (549 lb) including required fluids and full tank of gas - ready to ride	251 kg (553 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	16.5 litres	16.5 litres	10 litres, including 2.6-litre reserve	14 litres, including 3.5-litre reserve	14 litres, including 3.5-litre reserve
Colour	Candy Red	Bordeaux Red Metallic	Heavy Grey Metallic	Graphite Black	Graphite Black








	VT750CA Aero	Varadero *	CBF1000A	CBF600SA
Engine type	Liquid-cooled 52-degree V-twin	Liquid-cooled 90-degree V-twin	Liquid-cooled inline-four	Liquid-cooled inline-four
Displacement	745 cc	996 cc	998 cc	599 cc
Bore & stroke	79 mm x 76 mm	98 mm x 66 mm	75 mm x 56.5 mm	67 mm x 42.5 mm
Compression ratio	9.6:1	9.8:1	11.2:1	11.6:1
Valve train	Chain-driven SOHC, 3 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder
Fuel delivery	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection
Transmission	Wide-ratio five-speed	Six-speed	Six-speed	Six-speed
Final drive	Shaft	O-ring-sealed chain; 16T/47T	O-ring-sealed chain; 16T/43T	O-ring-sealed chain
Front suspension	41 mm fork; 117 mm (4.6 in.) travel	43 mm fork; 155 mm (6.1 in.) travel	41 mm cartridge fork; 108 mm (4.3 in.) travel	41 mm fork with spring preload adjustment; 108 mm (4.3 in.) travel
Rear suspension	Dual shocks with spring preload adjustment; 89 mm (3.5 in.) travel	Pro-Link single shock with spring preload and rebound-damping adjustment; 145 mm (5.7 in.) travel	Pro-Link with gas-charged HMAS single shock; 120 mm (4.7 in.) travel	Single shock with spring preload adjustment; 125 mm (4.9 in.) travel
Tires	120/90 - 17 front; 160/80 - 15 rear	110/80R-19 radial front; 150/70R-17 radial rear	120/70ZR-17 radial front; 160/60ZR-17 radial rear	120/70ZR - 17 radial front; 160/60ZR - 17 radial rear
Brakes	Front single 296 mm disc with triple-piston caliper, rear 276 mm disc with single-piston caliper. Combined Braking System with ABS	Front dual 296 mm discs with triple-piston calipers; rear 256 mm disc with triple-piston caliper. Dual-Combined Braking System with ABS	Front dual 296 mm discs with triple-piston calipers; rear 240 mm disc with single-piston caliper. Combined Braking System with ABS	Front dual 296 mm discs with triple-piston calipers; rear 240 mm disc with single-piston caliper. Combined Braking System with ABS
Seat height	660 mm (26 in.)	843 mm (33.2 in.)	795 mm (31.3 in.) adjustable +/- 15 mm (0.6 in.)	785 mm (30.9 in.) adjustable +/- 15 mm (0.6 in.)
Wheelbase	1,640 mm (64.6 in.)	1,559 mm (61.4 in.)	1,495 mm (58.8 in.)	1,490 mm (58.7 in.)
Curb weight	262 kg (578 lb) including required fluids and full tank of gas - ready to ride	277 kg (611 lb) including required fluids and full tank of gas - ready to ride	245 kg (540 lb) including required fluids and full tank of gas - ready to ride	222 kg (489 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	14 litres, including 3.5-litre reserve	25 litres	20 litres	20 litres including 4-litre reserve
Colour	Candy Red	Concours Black Pearl	Pearl Nightstar Black	Pearl Nightstar Black
				






* available only at Honda Powerhouse Dealers






Varadero with optional Honda Genuine Accessories saddlebags



	VFR1200FA / VFR1200FA DCT	VFR800A Interceptor	CBR1000RRA / Repsol Edition	CBR600RRA / CBR600RR	CB1000RA
Engine type	Liquid-cooled 76-degree V-4 with asymmetrical FR/R cylinder layout	Liquid-cooled 90-degree V-4	Liquid-cooled inline-four	Liquid-cooled inline-four	Liquid-cooled inline-four
Displacement	1,237 cc	782 cc	999 cc	599 cc	998 cc
Bore & stroke	81 mm x 60 mm	72 mm x 48 mm	76 mm x 55.1 mm	67 mm x 42.5 mm	75 mm x 56.5 mm
Compression ratio	12:1	11.6:1	12.3:1	12.2:1	11.2:1
Valve train	Chain-driven SOHC Unicam, 4 valves per cylinder	VTEC chain-driven DOHC, 4 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder	Chain-driven DOHC, 4 valves per cylinder
Fuel delivery	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	Dual Stage Fuel Injection	Dual Stage Fuel Injection	PGM-FI electronic fuel injection
Transmission	Six-speed / DCT model: Dual Clutch Transmission with two automatic shift modes and a manual shift mode via paddle-style shifters	Close-ratio six-speed	Close-ratio six-speed	Close-ratio six-speed	Six-speed
Final drive	Shaft	O-ring-sealed chain	#530 O-ring-sealed chain	#525 O-ring-sealed chain	#530 O-ring-sealed chain
Front suspension	43 mm cartridge fork with spring preload adjustment; 108 mm (4.3 in.) travel	43 mm HMAS cartridge fork; 108 mm (4.3 in.) travel	43 mm inverted HMAS cartridge fork with full adjustability; 110 mm (4.3 in.) travel	41 mm inverted HMAS cartridge fork with full adjustability; 110 mm (4.3 in.) travel	43 mm inverted HMAS cartridge fork with full adjustability; 120 mm (4.7 in.) travel
Rear suspension	Pro-Arm single-sided swingarm with Pro-Link single shock with spring preload and rebound damping adjustment; 130 mm (5.1 in.) travel	Pro-Arm single-sided swingarm with Unit Pro-Link HMAS single shock; 120 mm (4.7 in.) travel	Unit Pro-Link HMAS single shock with full adjustability; 138 mm (5.4 in.) travel	Unit Pro-Link HMAS single shock with full adjustability; 129 mm (5.1 in.) travel	Pro-Arm single-sided swingarm with HMAS single shock with spring preload and rebound damping adjustment; 128 mm (5 in.) travel
Tires	120/70ZR - 17 radial front; 190/55ZR - 17 radial rear	120/70ZR - 17 radial front; 180/55ZR - 17 radial rear	120/70ZR - 17 radial front; 190/50ZR-17 radial rear	120/70ZR - 17 radial front; 180/55ZR - 17 radial rear	120/70ZR - 17 radial front; 180/55ZR-17 radial rear
Brakes	Front dual 320 mm discs with six-piston calipers; rear 276 mm disc with triple-piston caliper. Combined Braking System with ABS	Front dual 296 mm discs with triple-piston calipers; rear 256 mm disc with triple-piston caliper. Combined Braking System with ABS	Front dual 320 mm discs with radial-mounted four-piston calipers; rear 220 mm disc with single-piston caliper. Electronically Controlled Combined ABS	Front dual 310 mm discs with radial-mounted four-piston calipers; rear 220 mm disc with single-piston caliper. Electronically Controlled Combined ABS (RRA model)	Front dual 310 mm discs with radial-mounted triple-piston calipers; rear single 256 mm disc with dual-piston caliper. Combined Braking System with ABS
Seat height	810 mm (31.9 in.)	805 mm (31.7 in.)	820 mm (32.3 in.)	820 mm (32.3 in.)	825 mm (32.5 in.)
Wheelbase	1,545 mm (60.8 in.)	1,460 mm (57.5 in.)	1,410 mm (55.5 in.)	1,370 mm (53.9 in.)	1,445 mm (56.9 in.)
Curb weight	268 kg (591 lb); DCT model: 278 kg (613 lb) including required fluids and full tank of gas - ready to ride	250 kg (551 lb) including required fluids and full tank of gas - ready to ride	210 kg (463 lb) including required fluids and full tank of gas - ready to ride	196 kg (432 lb); RR model 186 kg (410 lb) including required fluids and full tank of gas - ready to ride	222 kg (489 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	18.5 litres	22 litres	17.7 litres	18 litres	17 litres, including 4-litre reserve
Colour	Darkness Black Metallic	White Special Edition	Graphite Black, Optional Repsol	Orange/Precious Grey Metallic; RR: Victory Red	Pearl Nightstar Black
					

SPECIFICATIONS

	CBR250RA / CBR250R	CBR125R	SH150i	Ruckus	Jazz
Engine type	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke
Displacement	249 cc	125 cc	153 cc	49 cc	49 cc
Bore & stroke	76 mm x 55 mm	58 mm x 47.2 mm	58 mm x 57.8 mm	37.8 mm x 44 mm	37.8 mm x 44 mm
Compression ratio	10.7:1	11:1	11:1	11.9:1	11.9:1
Valve train	Chain-driven DOHC, 4 valves	Chain-driven SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves
Fuel delivery	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	PGM-FI electronic fuel injection	18 mm CV with auto choke	18 mm CV with auto choke
Transmission	Six-speed	Six-speed	Automatic V-Matic	Automatic V-Matic	Automatic V-Matic
Final drive	O-ring-sealed chain	O-ring-sealed chain	Belt	Belt	Belt
Front suspension	37 mm telescopic fork; 130 mm (5.1 in.) travel	31 mm telescopic fork; 120 mm (4.7 in.) travel	33 mm hydraulic fork; 89 mm (3.5 in.) travel	Twin downtube fork; 56 mm (2.2 in.) travel	Twin downtube fork; 48 mm (1.9 in.) travel
Rear suspension	Pro-Link single shock with spring preload adjustment; 104 mm (4.1 in.) travel	Single shock; 126 mm (5 in.) travel	Dual shocks with spring preload adjustment; 83 mm (3.3 in.) travel	Single shock; 66 mm (2.6 in.) travel	Single shock; 66 mm (2.6 in.) travel
Tires	110/70 - 17 front; 140/70 - 17 rear	100/80 - 17 front; 130/70 - 17 rear	100/80 - 16 front; 120/80 - 16 rear	120/90 - 10 front; 130/90 - 10 rear	90/90 - 10 front; 90/90 - 10 rear
Brakes	Front 296 mm disc with triple-piston caliper (R model dual-piston caliper); rear 220 mm disc with single-piston caliper. Combined Braking System with ABS (RA model)	Front 276 mm disc with dual-piston caliper; rear 220 mm disc with single-piston caliper	Front 220 mm disc with dual-piston caliper; rear drum. Combined Braking System	Front drum; rear drum	Front drum; rear drum. Combined Braking System
Seat height	775 mm (30.5 in.)	795 mm (31.3 in.)	785 mm (30.9 in.)	735 mm (28.9 in.)	719 mm (28.3 in.)
Wheelbase	1,370 mm (53.9 in.)	1,310 mm (51.6 in.)	1,335 mm (52.6 in.)	1,265 mm (49.8 in.)	1,190 mm (46.9 in.)
Curb weight	166 kg (366 lb); R model 162 kg (357 lb) including required fluids and full tank of gas - ready to ride	137 kg (302 lb) including required fluids and full tank of gas - ready to ride	140 kg (309 lb) including required fluids and full tank of gas - ready to ride	88 kg (194 lb) including required fluids and full tank of gas - ready to ride	80 kg (176 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	13 litres, including reserve	13 litres, including reserve	7.5 litres	5 litres	5 litres
Colour	Ruby Red/Silver Metallic, Asteroid Black Metallic	Asteroid Black Metallic, Terra Silver Metallic	Velvet Red Metallic, Pearl Nightstar Black	Black	Classical White, optional Monza Red, Heavy Grey Metallic/Penguin Grey
					

	XR650L	CRF230L	CRF230M	CRF230F	CRF150F
Engine type	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke
Displacement	644 cc	223 cc	223 cc	223 cc	149 cc
Bore & stroke	100 mm x 82 mm	65.5 mm x 66.2 mm	65.5 mm x 66.2 mm	65.5 mm x 66.2 mm	57.3 mm x 57.8 mm
Compression ratio	8.3:1	9:1	9:1	9:1	9.5:1
Valve train	SOHC, RFVC 4 valves	SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves
Fuel delivery	Single 42.5 mm CV carb	Single 30 mm CV carb	Single 30 mm CV carb	Single 28 mm piston-valve carb	Single 22 mm piston-valve carb
Transmission	Five-speed with manual clutch	Six-speed with manual clutch	Six-speed with manual clutch	Six-speed with manual clutch	Five-speed with manual clutch
Final drive	#520 O-ring-sealed chain; 15T/45T	#520 O-ring-sealed chain; 13T/39T	#520 O-ring-sealed chain; 13T/38T	#520 O-ring-sealed chain; 13T/50T	#520 O-ring-sealed chain; 13T/47T
Front suspension	43 mm Showa cartridge fork with compression damping adjustment; 260 mm (10.2 in.) travel	37 mm leading-axle Showa fork; 205 mm (8.1 in.) travel	37 mm leading-axle Showa fork; 207 mm (8.1 in.) travel	37 mm leading-axle Showa fork; 216 mm (8.5 in.) travel	35 mm leading-axle Showa fork; 207 mm (8.1 in.) travel
Rear suspension	Pro-Link Showa single shock with spring preload, compression and rebound damping adjustment; 280 mm (11 in.) travel	Pro-Link Showa single shock with spring preload adjustment; 155 mm (6.1 in.) travel	Pro-Link Showa single shock with spring preload adjustment; 167 mm (6.6 in.) travel	Pro-Link Showa single shock with spring preload adjustment; 230 mm (9.1 in.) travel	Pro-Link Showa single shock; 227 mm (8.9 in.) travel
Tires	3.00 - 21 front; 4.60 - 18 rear	2.75 - 21 front; 120/80 - 18 rear	110/70 - 17 front; 130/70 - 17 rear	80/100 - 21 front; 100/100 - 18 rear	70/100 - 19 front; 90/100 - 16 rear
Brakes	Front 255 mm disc with dual-piston caliper; rear 220 mm disc with single-piston caliper	Front 240 mm disc with dual-piston caliper; rear 220 mm disc with single-piston caliper	Front 240 mm disc with dual-piston caliper; rear 220 mm disc with single-piston caliper	Front 240 mm disc with dual-piston caliper; rear drum	Front 240 mm disc with dual-piston caliper; rear drum
Ground clearance	330 mm (13 in.)	243 mm (9.6 in.)	235 mm (9.3 in.)	305 mm (12 in.)	257 mm (10.1 in.)
Seat height	940 mm (37 in.)	810 mm (31.9 in.)	805 mm (31.7 in.)	878 mm (34.6 in.)	832 mm (32.8 in.)
Wheelbase	1,455 mm (57.3 in.)	1,340 mm (52.7 in.)	1,336 mm (52.6 in.)	1,372 mm (54 in.)	1,328 mm (52.3 in.)
Curb weight	158 kg (348 lb) including required fluids and full tank of gas - ready to ride	121 kg (267 lb) including required fluids and full tank of gas - ready to ride	125 kg (276 lb) including required fluids and full tank of gas - ready to ride	113 kg (249 lb) including required fluids and full tank of gas - ready to ride	106 kg (234 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	10.5 litres, including 2.8-litre reserve	8.7 litres, including 2.7-litre reserve	8.7 litres, including 2.7-litre reserve	7 litres, including 1.3-litre reserve	7 litres, including 1.6-litre reserve
Colour	Extreme Red	Extreme Red	Black	Extreme Red	Extreme Red
					

	CRF100F	CRF80F	CRF70F	CRF50F
Engine type	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke	Air-cooled single-cylinder four-stroke
Displacement	99 cc	80 cc	72 cc	49 cc
Bore & stroke	53 mm x 45 mm	47.5 mm x 45 mm	47 mm x 41.4 mm	39 mm x 41.4 mm
Compression ratio	9.4:1	9.7:1	9:1	10:1
Valve train	SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves	SOHC, 2 valves
Fuel delivery	Single 20 mm piston-valve carb	Single 18 mm piston-valve carb	Single 13 mm piston-valve carb	Single 13 mm piston-valve carb
Transmission	Five-speed with manual clutch	Five-speed with manual clutch	Three-speed with automatic clutch	Three-speed with automatic clutch
Final drive	#428 chain; 14T/50T	#420 chain; 14T/46T	#420 chain; 15T/36T	#420 chain; 14T/37T
Front suspension	27 mm leading-axle Showa fork; 132 mm (5.2 in.) travel	27 mm leading-axle Showa fork; 123 mm (5 in.) travel	27 mm telescopic fork; 90 mm (3.5 in.) travel	Inverted telescopic fork; 87 mm (3.4 in.) travel
Rear suspension	Pro-Link Showa single shock; 148 mm (5.8 in.) travel	Pro-Link Showa single shock; 110 mm (4.3 in.) travel	Single shock; 88 mm (3.5 in.) travel	Single shock; 70 mm (2.8 in.) travel
Tires	70/100 - 19 front; 90/100 - 16 rear	2.50 - 16 front; 3.60 - 14 rear	2.50 - 14 front; 3.00 - 12 rear	2.50 - 10 front; 2.50 - 10 rear
Brakes	Front drum; rear drum	Front drum; rear drum	Front drum; rear drum	Front drum; rear drum
Ground clearance	252 mm (9.9 in.)	218 mm (8.6 in.)	178 mm (7 in.)	146 mm (5.8 in.)
Seat height	785 mm (30.9 in.)	734 mm (28.9 in.)	655 mm (25.8 in.)	548 mm (21.6 in.)
Wheelbase	1,250 mm (49.2 in.)	1,209 mm (47.6 in.)	1,063 mm (41.9 in.)	911 mm (35.9 in.)
Curb weight	77 kg (170 lb) including required fluids and full tank of gas - ready to ride	75 kg (165 lb) including required fluids and full tank of gas - ready to ride	64 kg (141 lb) including required fluids and full tank of gas - ready to ride	50 kg (110 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	5 litres, including 0.7-litre reserve	5 litres, including 0.7-litre reserve	5 litres, including 0.7-litre reserve	2.6 litres, including 0.7-litre reserve
Colour	Extreme Red	Extreme Red	Extreme Red	Extreme Red
				



CRF230L

	CRF450R	CRF250R	CRF150R	CRF450X	CRF250X
Engine type	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke	Liquid-cooled single-cylinder four-stroke
Displacement	449 cc	249 cc	149 cc	449 cc	249 cc
Bore & stroke	96 mm x 62.1 mm	76.8 mm x 53.8 mm	66 mm x 43.7 mm	96 mm x 62.1 mm	78 mm x 52.2 mm
Compression ratio	12:1	13.2:1	11.7:1	12:1	12.9:1
Valve train	Unicam, 4 valves	Unicam, 4 valves	Unicam, 4 valves	Unicam, 4 valves	Unicam, 4 valves
Fuel delivery	PGM-FI electronic fuel injection with 46 mm throttle body	PGM-FI electronic fuel injection with 50 mm throttle body	Keihin 32 mm flat-slide carb with throttle position sensor	Keihin 40 mm flat-slide carb with throttle position sensor	Keihin 37 mm flat-slide carb with throttle position sensor
Transmission	Close-ratio five-speed	Close-ratio five-speed	Close-ratio five-speed	Wide-ratio five-speed	Wide-ratio five-speed
Final drive	#520 O-ring-sealed chain; 13T/48T	#520 O-ring-sealed chain; 13T/49T	#420 O-ring-sealed chain; 15T/50T	#520 T-ring-sealed chain; 13T/51T	#520 T-ring-sealed chain; 14T/53T
Front suspension	48 mm inverted Kayaba Air-Oil Separate (AOS) fork with 16-position rebound and 18-position compression damping adjustment; 310 mm (12.2 in.) travel	48 mm inverted Showa cartridge fork with 16-position rebound and 16-position compression damping adjustment; 310 mm (12.2 in.) travel	37 mm fully adjustable inverted Showa cartridge fork; 275 mm (10.8 in.) travel	47 mm inverted Showa cartridge fork with 16-position rebound and 16-position compression damping adjustment; 315 mm (12.4 in.) travel	47 mm inverted Showa cartridge fork with 16-position rebound and 16-position compression damping adjustment; 315 mm (12.4 in.) travel
Rear suspension	Pro-Link Kayaba single shock with spring preload, 20-position rebound damping adjustment, and compression damping adjustment separated into low-speed (18 positions) and high-speed (1.5 turns); 318 mm (12.5 in.) travel	Pro-Link Showa single shock with spring preload, 17-position rebound damping adjustment, and compression damping adjustment separated into low-speed (13 positions) and high-speed (3.5 turns); 318 mm (12.5 in.) travel	Pro-Link fully adjustable Showa single shock; 272 mm (10.7 in.) travel	Pro-Link Showa single shock with spring preload, 17-position rebound damping adjustment, and compression damping adjustment separated into low-speed (13 positions) and high-speed (3.5 turns); 313 mm (12.3 in.) travel	Pro-Link Showa single shock with spring preload, 17-position rebound damping adjustment, and compression damping adjustment separated into low-speed (13 positions) and high-speed (3.5 turns); 313 mm (12.3 in.) travel
Tires	80/100 - 21 front; 120/80 - 19 rear	80/100 - 21 front; 100/90 - 19 rear	70/100 - 17 front; 90/100 - 14 rear	80/100 - 21 front; 110/100 - 18 rear	80/100 - 21 front; 100/100 - 18 rear
Brakes	Front 240 mm disc with dual-piston caliper; rear 240 mm disc	Front 240 mm disc with dual-piston caliper; rear 240 mm disc	Front 220 mm disc with single-piston caliper; rear 190 mm disc	Front 240 mm disc with dual-piston caliper; rear 240 mm disc	Front 240 mm disc with dual-piston caliper; rear 240 mm disc
Ground clearance	332 mm (13.1 in.)	325 mm (12.8 in.)	301 mm (11.9 in.)	346 mm (13.6 in.)	346 mm (13.6 in.)
Seat height	954 mm (37.6 in.)	955 mm (37.6 in.)	832 mm (32.8 in.)	963 mm (37.9 in.)	958 mm (37.7 in.)
Wheelbase	1,491 mm (58.7 in.)	1,488 mm (58.6 in.)	1,260 mm (49.6 in.)	1,480 mm (58.3 in.)	1,480 mm (58.3 in.)
Curb weight	108 kg (238 lb) including required fluids and full tank of gas - ready to ride	102.5 kg (226 lb) including required fluids and full tank of gas - ready to ride	83 kg (183 lb) including required fluids and full tank of gas - ready to ride	122 kg (269 lb) including required fluids and full tank of gas - ready to ride	115 kg (253 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	5.7 litres	5.7 litres	4.3 litres	7.2 litres, including 1.6-litre reserve	7.3 litres, including 1.6-litre reserve
Colour	Extreme Red	Extreme Red	Extreme Red	Extreme Red	Extreme Red
	