



# 2010 VFR1200FA/DCT



Honda's storied V-4 heritage has been re-invented in an astonishing new sport motorcycle that's unlike anything you've ever seen, heard, or ridden. Drawing from an impressive history of V-4 innovation, the all-new Honda VFR1200FA incorporates technology borrowed from such diverse sources as MotoGP, motocross, and even high-end sports cars. Its 1,237 cc engine has a narrow 76-degree cylinder angle, Unicam™ valve train, asymmetrical front/rear cylinder layout, and other advanced features, which combine to produce a remarkably compact engine. Throttle-by-wire, a smart new shaft-drive system, available Dual Clutch Transmission (DCT model) with two full automatic shift modes (D for regular and S for sporty as well as a manual shift mode via paddle-style shifters)... it all adds up to a futuristic new bike for those who love to ride hard, ride far, and ride often.

## Key Features

- **Light and compact 1,237 cc liquid-cooled 76-degree V-4 engine pumps out amazing levels of power with a distinctive feel and sound**
- **Unicam™ valve train allows for significantly shorter and smaller cylinder heads with no loss in efficiency. It's the same technology used in Honda's potent CRF motocross bikes**
- **Available Dual Clutch Transmission (DCT model) offers three operating modes: two full-auto modes (D for regular operation and S for sporty riding), and a six-speed gear-select mode for full rider control via paddle-style shifters that delivers the same response as a manual transmission**
- **The patented layered fairing design creates a uniquely beautiful shape and, at the same time, optimal airflow and heat management**

Engine type	Liquid-cooled 76-degree V-4 with asymmetrical FR/R cylinder layout
Displacement	1,237 cc
Bore & stroke	81 mm x 60 mm
Compression ratio	12:1
Valve train	Chain-driven SOHC Unicam, 4 valves per cylinder
Fuel delivery	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
Final drive	Shaft
Front suspension	43 mm cartridge fork with spring preload adjustability; 120 mm (4.7 in.) travel
Rear suspension	Pro-Arm single-sided swingarm with Pro-Link single shock with preload and rebound damping adjustability; 130 mm (5.1 in.) travel
Tires	120/70ZR - 17 radial front; 190/55ZR - 17 radial rear
Brakes	Front dual 320 mm discs with six-piston calipers; rear single 276 mm disc with two-piston caliper. Combined Braking System with ABS
Seat height	815 mm (32.1 in.)
Seating capacity	Two
Wheelbase	1,545 mm (60.8 in.)
Curb weight	268 kg (591 lb); DCT model: 278 kg (613 lb) including required fluids and full tank of gas - ready to ride
Fuel capacity	18.5 litres
Colour	Candy Red

