

2006

VTR1000F FIRESTORM

PRESS INFORMATION

There are a lot of big twin sportsbikes out on the roads these days, but none compare to the VTR100F FireStorm for its smooth balance of lean proportions, breathtaking acceleration and telepathically responsive handling and control. Pumping out a hearty roar from its powerful, free-revving 90-degree DOHC V-twin engine, the FireStorm responds with decisive impulse that comes on strong from low in its V-twin powerband, pushing you back into its comfortable stepped seat with a rocketing thrust of acceleration.

Enshrouded in the sleek, curvaceous lines of its beautifully proportioned bodywork, the FireStorm offers easy day-to-day riding manners. Built on a slim and lightweight 'Pivotless' design that isolates its aluminium frame from lateral rear wheel stresses, the FireStorm provides sporty handling that is light of touch and smoothly responsive to your every input. However, as playful and easy-handling as it is, its wilder side lurks just beneath the surface, waiting to come vividly to life each time you crank open its throttle. That's when this FireStorm lives up to its name. Enjoy it whenever you can.

Colours

- Italian Red
- Graphite Black

New Features

- New colour variation.

Specifications**VTR1000F FireStorm (ED-type)****Engine**

Type	Liquid-cooled 4-stroke 8-valve DOHC 90° V-twin
Displacement	996cm ³
Bore x Stroke	98 x 66mm
Compression Ratio	9.4 : 1
Max. Power Output	78kW/9,000min ⁻¹ (95/1/EC)
Max. Torque	93Nm/7,000min ⁻¹ (95/1/EC)
Idling Speed	1,200min ⁻¹
Oil Capacity	4.5 litres

Fuel System

Carburation	48mm slanted flat-slide CV-type carburettor x 2
Aircleaner	Viscous, cartridge-type paper filter
Fuel Tank Capacity	19 litres (including 3.5-litre LCD reserve)

Electrical System

Ignition System	Computer-controlled digital transistorised with electronic advance
Ignition Timing	15° BTDC (idle) ~ 42° BTDC (9,500min ⁻¹)
Sparkplug Type	DPR9EVX-9 (NGK)
Starter	Electric
Battery Capacity	12V/10AH
ACG Output	280W
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)

Drivetrain

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	6-speed
Primary Reduction	1.681 (74/44)
Gear Ratios	1 2.733 (41/15) 2 1.812 (29/16) 3 1.428 (30/21) 4 1.206 (35/29) 5 1.080 (27/25) 6 0.961 (25/26)

Final Reduction	2.562 (41/16)
Final Drive	O-ring sealed chain

Frame

Type	Diamond; Pivotless aluminium twin-spar
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Chassis

Dimensions (LxWxH)	2,050 x 700 x 1,155mm
Wheelbase	1,430mm
Caster Angle	24° 50'
Trail	97mm
Turning Radius	2.9m
Seat Height	810mm
Ground Clearance	135mm
Dry Weight	193kg
Kerb Weight	214kg (F: 101kg; R: 113kg)
Max. Carrying Capacity	188kg
Loaded Weight	364kg (F: 130kg; R: 234kg)

Suspension

Type	Front 41mm HMAS cartridge-type telescopic fork with adjustable spring preload and rebound damping, 109mm axle travel
	Rear Pro-Link with gas-charged HMAS damper, adjustable spring preload and rebound damping, 120mm axle travel

Wheels

Type	Front Hollow-section triple-spoke cast aluminium
	Rear Hollow-section triple-spoke cast aluminium
Rim Size	Front 17 x MT3.50
	Rear 17 x MT5.50
Tyre Size	Front 120/70 ZR17 (58W)
	Rear 180/55 ZR17 (73W)
Tyre Pressure	Front 250kPa
	Rear 290kPa

Brakes

Type	Front 296 x 4.5mm dual hydraulic disc with 4-piston callipers and sintered metal pads
	Rear 220 x 5mm hydraulic disc with single-piston calliper and sintered metal pads

All specifications are provisional and subject to change without notice.