

2005

VTR1000F FIRESTORM

PRESS INFORMATION

Lean, muscular and a breathtaking blast to ride, the VTR1000F FireStorm tears across hills and valleys with commanding control and a hearty roar pouring forth from its powerful, free-revving 90-degree DOHC V-twin engine. Built on a slim and lightweight 'Pivotless' aluminium frame, which mounts the swingarm directly to the back of the engine, thereby isolating the frame from its stresses, the FireStorm offers handling that is light of touch and smoothly responsive to your every input. Every twist of its throttle is met 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 still offers easy day-to-day riding manners, but with a wilder side lurking just beneath its surface that comes vividly to life each time you crank open its throttle.

Colours

- Italian Red
- Matte Gunpowder Black Metallic

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

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

