

# 2004 VARADERO 125 PRESS INFORMATION

Think there's not much adventure in the 125cc class? Well, obviously you haven't had a ride on the exciting Varadero 125. Styled with an impressive aerodynamic fairing for a wider world of comfortable riding enjoyment, and built to more full-sized proportions that don't feel the least bit out of place wherever the road leads you, the aggressive little Varadero is an Adventure Sport fun bike that takes the world in its stride. Its perky liquid-cooled V-twin engine pumps out an ample thrust of power to carry two across town or over the hills with ease, and its rugged, long-travel suspension systems soak up the bumps while ensuring light, responsive handling. Rolling on sporty 3-spoke cast aluminium wheels stopped by equally sporty disc brakes, and loaded with extras to make you fun go farther, the Varadero 125 offers a host of big bike features in a compact 125cc package that keeps the adventure level running high.

## **Colours**

- Black (with Brittany Silver Metallic)
- Brittany Silver Metallic (monotone)
- Pearl Breezy Blue (with Brittany Silver Metallic)

## **New Features**

- Two new heat tubes built into exhaust pipes to ensure compliance with EURO-2 regulations.
- Engine coolant now routed through carburettors for quick warm up and stable cold weather performance.
- New daytime headlight and flashing hazard lights. Hazard light switch located on handlebar's right-side switch pod, replacing the headlight switch.
- New tinted windscreen colour.
- New colour variations.

**Specifications****Varadero 125 (ED-type)****Engine**

Type	Liquid-cooled 4-stroke 4-valve SOHC 90° V-twin
Displacement	125cm <sup>3</sup>
Bore × Stroke	42 x 45mm
Compression Ratio	11.8 : 1
Max. Power Output	11kW/11,000min <sup>-1</sup> (95/1/EC)
Max. Torque	10.5Nm/8,500min <sup>-1</sup> (95/1/EC)
Idling Speed	1,500min <sup>-1</sup>
Oil Capacity	1.5 litres

**Fuel System**

Carburation	22mm VP-type carburettor x 2
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	17.7 litres (including 2.7-litre reserve)

**Electrical System**

Ignition System	Dual digital transistorised with electronic advance
Ignition Timing	12° BTDC (idle) ~ 40° BTDC (10,000min <sup>-1</sup> )
Sparkplug Type	CR8EH-9 (NGK); U24FER9 (ND)
Starter	Electric
Battery Capacity	12V/6AH
ACG Output	260W
Headlight	12V 35W (low) / 35W (high)

**Drivetrain**

Clutch	Wet, multiplate with coil springs
Clutch Operation	Mechanical; cable-actuated
Transmission Type	5-speed
Primary Reduction	3.722 (67/18)
Gear Ratios	1 3.083 (37/12)
	2 1.933 (29/15)
	3 1.428 (30/21)
	4 1.173 (27/23)
	5 1.000 (25/25)
Final Reduction	3.142 (44/14)
Final Drive	O-ring sealed chain

## Frame

Type Double-cradle; steel tube

## Chassis

Dimensions (LxWxH) 2,150 x 850 x 1,250mm  
Wheelbase 1,450mm  
Caster Angle 28°  
Trail 97mm  
Turning Radius 2.34m  
Seat Height 800mm  
Ground Clearance 190mm  
Dry Weight 149kg  
Kerb Weight 167kg (F: 79kg; R: 88kg)  
Max. Carrying Capacity 180kg  
Loaded Weight 347kg (F: 124kg; R: 223kg)

## Suspension

Type Front 35mm telescopic fork, 132mm axle travel  
Rear Monoshock swingarm with adjustable spring preload, 150mm axle travel

## Wheels

Type Hollow-section triple-spoke cast aluminium  
Rim Size Front 18M/C x MT2.15  
Rear 17M/C x MT2.75  
Tyre Size Front 100/90-18M/C 56P  
Rear 130/80-17M/C 65P  
Tyre Pressure Front 200kPa  
Rear 200kPa

## Brakes

Type Front 276 x 4mm hydraulic disc with dual-piston calliper  
Rear 220 x 4mm hydraulic disc with single-piston calliper

All specifications are provisional and subject to change without notice.