

# Varadero 125

**2009** Press Information



## Introduction

The vivacious Varadero 125 brings strong V-twin performance, remarkable mid-sized comfort, and whole new vistas of excitement to riders in the 125cc class. Day to day its agile, sporty profile is happy ripping around town; yet it has the rugged suspension and smooth, responsive handling to turn its wheels to unpaved roads and rougher trails. Wide bars and a commanding upright riding position facilitate a great view over other traffic and make it a nifty runabout and an enormously popular commuter. The broad, comfortably contoured seat and effective wind protection are as welcome in the daily commute as they are in weekend adventures. Smooth, easily managed power and light, stable handling make every journey a joy, while the sound and feel of its powerful fuel-injected V-twin engine provide an exhilarating soundtrack.

With almost legendary fuel economy and full EURO-3 compliance the Varadero 125 adds up to an incredibly versatile small-displacement package.

- Sharply integrated front cowl and large fuel tank project an aggressive look while providing ample wind protection.
- Slim, smooth-operating liquid-cooled, fuel-injected V-twin engine delivers a strong surge of power and swift acceleration.
- HECS3 oxygen-sensing catalytic exhaust gas converter system minimises emissions of harmful exhaust gases to ensure full compliance with strict EURO-3 emissions regulations.
- Rugged, long-travel suspension system soaks up the rough spots for light, responsive handling.
- Sporty front and rear disc brakes stop triple-spoke cast aluminium wheels for reassuring control.
- A host of optional accessories expand your range of enjoyment to keep your spirit of adventure riding high.
- Two fresh and exciting new colour variations.

- Pearl Concours Black

### Colours

- Spangle Silver Metallic



# Specifications

General		
Model		Varadero 125
Mold Type		ED-type
Engine		
Type		Liquid-cooled 4-stroke 4-valve SOHC 90° V-twin
Displacement		125cm <sup>3</sup>
Bore x Stroke		42 x 45mm
Compression Ratio		11.8 : 1
Max. Power Output		10.6kW / 11,000min <sup>-1</sup> (95/1/EC)
Max. Torque		10Nm / 8,500min <sup>-1</sup> (95/1/EC)
Idling Speed		1,500min <sup>-1</sup>
Oil Capacity		1.5 litres
Fuel System		
Carburation		PGM-FI electronic fuel injection with IACV
Throttle Bore		30mm
Aircleaner		Dry, cartridge-type paper filter
Fuel Tank Capacity		16.8 litres (including 2.7-litre LED-indicated 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 (DENSO)
Starter		Electric
Battery Capacity		12V / 6AH
ACG Output		320W
Headlights		12V, 35W x 1 (low) / 35W x 1 (high)
Drivetrain		
Clutch		Wet, multiplate with coil springs
Clutch Operation		Mechanical; cable-actuated
Transmission		5-speed
Primary Reduction		3.722 (67/18)
Gear Ratios		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		2,150 x 833 x 1,250mm
Wheelbase		1,450mm
Caster Angle		28°
Trail		97mm
Turning Radius		2.34m
Seat Height		800mm
Ground Clearance		190mm
Kerb Weight		169.1kg (F: 80.3kg; R: 88.8kg)
Max. Carrying Capacity		180kg
Loaded Weight		349.1kg (F: 165.8kg; R: 183.3kg)
Suspension		
Type	Front	35mm telescopic fork, 132mm axle travel
	Rear	Monoshock swingarm with adjustable spring preload, 150mm axle travel
Wheels		
Type	Front	Hollow-section triple-spoke cast aluminium
	Rear	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 caliper
	Rear	220 x 4mm hydraulic disc with single-piston caliper