

# S-Wing 125

**2009** Press Information



## Introduction

Designed as a luxury commuter, the S-Wing boasts sumptuous styling, careful attention to every detail and an impeccable overall finish. Its large, distinctive 'wide-eyed' headlights front an elegantly styled profile that seems to sail effortlessly through the city, taking everything in its stride. Seating accommodation is luxuriously comfortable, the underseat carrying space is extensive and the sleek rear carrier can easily mount an optional top box that's designed to enhance the scooter's sharp lines. The engine's power delivery is impressive and smooth, with minimised noise, miserly fuel consumption and low emissions that are easy on the environment. Operation is remarkably simple and even the stopping power is top-class, with Combined disc brakes providing an ideal balance of control. Ample wind protection means that you will arrive cool, collected, and looking as smart as you did when you set out. Be prepared to make an impression!

- Tall, wide front cowl and integrated windscreen combined with low, relaxing seating position provide soothing protection against the wind.
- Responsive fuel-injected, liquid-cooled engine delivers strong and smooth surges of acceleration while ensuring clean emissions and low fuel costs.
- HECS3 oxygen-sensing catalytic converter system minimises harmful emissions to ensure full EURO-3 compliance.
- Innovative Combined disc brakes provide an ideal balance of confident control, even for less experienced riders.
- Deluxe ABS version features the smoothly assured control of full antilock brakes for the ultimate in braking ease and control.
- Two sophisticated new colour variations – a cool Pearl Montana Blue and richly radiant Velvet Red Metallic.

### Colours

- Pearl Montana Blue
- Velvet Red Metallic

- Quasar Silver Metallic
- Pearl Nightstar Black



# Specifications

General	
Model	S-Wing 125
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke SOHC single
Displacement	125cm <sup>3</sup>
Bore x Stroke	52.4 x 57.8mm
Compression Ratio	11 : 1
Max. Power Output	9.7kW / 9,000min <sup>-1</sup> (95/1/EC)
Max. Torque	11.1Nm / 7,500min <sup>-1</sup> (95/1/EC)
Idling Speed	1,500min <sup>-1</sup>
Oil Capacity	1 litres
Fuel System	
Carburation	PGM-FI electronic fuel injection
Throttle Bore	26mm
Aircleaner	Dry; cartridge-type paper filter
Fuel Tank Capacity	9.4 litres
Electrical System	
Ignition System	Digital transistorised with electronic advance
Ignition Timing	10° BTDC (idle) ~ 30° BTDC (8,500min <sup>-1</sup> )
Sparkplug Type	CR8EH-9 (NGK); U24FER9 (DENSO)
Starter	Electric
Battery Capacity	12V / 7AH
ACG Output	170W
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)
Drivetrain	
Clutch	Automatic; centrifugal
Transmission	V-Matic
Final Reduction	9.857
Final Drive	V-belt
Belt Converter Ratios	2.640 ~ 0.820
Frame	
Type	Centre backbone; steel tube

Chassis		
Dimensions	2,090 x 745 x 1,435mm	
Wheelbase	1,490mm	
Caster Angle	27°	
Trail	82.5mm	
Seat Height	776mm	
Ground Clearance	134mm	
Kerb Weight	156kg (F: 65kg; R: 91kg), *158kg (F: 66kg; R: 92kg)	
Max. Carrying Capacity	180kg	
Loaded Weight	336kg (F: 112.7kg; R: 223.3kg), *338kg (F: 113.3kg; R: 224.7kg)	
Suspension		
Type	Front	33mm telescopic fork, 85.7mm axle travel
	Rear	Dual-damper unit swingarm, 98.1mm axle travel
Wheels		
Type	Front	Triple-spoke cast aluminium
	Rear	Triple-spoke cast aluminium
Rim Size	Front	13M/C x MT2.75
	Rear	12M/C x MT3.50
Tyre Size	Front	110/90 13M/C (56L)
	Rear	130/70 12M/C (62L)
Tyre Pressure	Front	175kPa
	Rear	200kPa (with passenger: 250kPa)
Brakes		
Type	Front	240 x 4mm hydraulic disc with Combined three-piston caliper, drilled rotor, (*ABS) and sintered metal pads
	Rear	220 x 5mm hydraulic disc with single-piston caliper, Combined Brake system, (*ABS) and resin mould pads

\* Deluxe ABS version