

S-Wing 125

2008 Press Information



Introduction

Proudly cosmopolitan and styled for the business of urban transit, the distinctive S-Wing combines comfort, convenience and urban élan in an executive class scooter that refuses to blend in. With its distinctive front cowl design deflecting the wind, the S-Wing lets you cruise the avenues in blissful comfort. Its clean, quiet and powerful engine carries you across town in a flash, yet with minimised emissions that are easy on the environment. Even the S-Wing's stopping power is tops in its class, with Combined disc brakes providing an ideal balance of control. Under its supple seat, a spacious compartment carries all your daily necessities, and even a briefcase, while its sleek rear carrier mounts an optional top box with a single clip-on manoeuvre. Performance, style and clean, quiet good manners. Perhaps now is the time to explore new ways of doing business — aboard the sleekly attractive S-Wing.

- Tall, wide front cowl and windscreen combines with low, relaxing seating position to provide soothing protection against the wind.
- Responsive fuel-injected, liquid-cooled engine delivers a lively surge of smooth acceleration while ensuring clean emissions and low fuel costs.
- HECS3 oxygen-sensing catalytic exhaust gas converter system minimises emissions of harmful exhaust gases to ensure full compliance with strict EURO-3 emissions regulations.
- Innovative Combined disc brakes provide an ideal balance of confident control for even less experienced riders.
- Deluxe ABS version features the smoothly assured control of full antilock brakes for the ultimate in braking ease and control.

Colours

- Pearl Nightstar Black
- Pearl Harvest Green



Specifications

General	
Model	S-Wing 125
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke SOHC single
Displacement	125cm ³
Bore x Stroke	52.4 x 57.8mm
Compression Ratio	11 : 1
Max. Power Output	9.7kW / 9,000min ⁻¹ (95/1/EC)
Max. Torque	11.3Nm / 7,500min ⁻¹ (95/1/EC)
Idling Speed	1,500min ⁻¹
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 ⁻¹)
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 calliper, drilled rotor, *(ABS) and sintered metal pads
	Rear	220 x 5mm hydraulic disc with single-piston calliper, Combined Brake system, *(ABS) and resin mould pads

* Deluxe ABS version