

SH300i - SH300i C-ABS - SH300i Sporty

2010 Press Information



Introduction

The compact and curvaceous SH300i silhouette is a familiar presence on European streets.

With a compact fuel-injected engine that delivers thrilling performance and sporty bursts of acceleration, it is a quick and practical way to get around in the city in style. Despite its power, it is remarkably stable and confidence-inspiring at high speeds, and light and agile when manoeuvring through city traffic and narrow streets.

The SH300i offers superior ride comfort, with compliant suspension systems and a contoured stepped seat that incorporates plenty of room for a passenger. Its large, flat step-through floorboard provides plenty of legroom and big 16" aluminium wheels ensure a stable, confident ride feel, even over bumpy surfaces.

Large-diameter front and rear Combined disc brakes provide exceptionally smooth, controlled stopping and a Combined ABS version is also available, featuring powerful three-piston front calipers for the ultimate in assured braking control.

Emphasising its all-round practicality, the SH300i comes with a colour-coordinated 35L top box that complements the lockable underseat space and front glove box, making sure you can carry whatever you need for an action-packed day. Add an exciting colour range and sleek, attractive lines that draw admiring glances wherever you go, and you can see why the SH300i has set the style and performance standards by which all large-format scooters are judged.

Colours

- Sword Silver Metallic
- Pearl Cool White
- Pearl Nightstar Black
- Velvet Red Metallic
- Pearl Montana Blue
- Pearl Nightstar Black Metallic/Mat Blacky Gray Metallic – Sporty

Main features

- Compact and powerful fuel-injected 4-stroke single-cylinder engine provides dynamic performance and the powerful bursts of acceleration.
- Frame and suspension systems are specially designed to ensure crisp, neutral handling and confident high-speed control.
- Large step-through body with 16" wheels and a roomy, flat floorboard offers confident control and plenty of legroom.
- Combined disc brakes provide a smooth balance of performance for easy, controlled braking operation.
- Combined ABS version offers the supremely confident control of a smoothly responsive Antilock Brake System.
- Water-resistant front glove box features DC socket for charging mobile phones and other accessories.
- HECS3 oxygen-sensing catalytic converter system minimises harmful emissions, ensuring full EURO-3 compliance.
- Attractive quick-locking and easily detachable 35L top box comes as standard and can store one full-face or two open-face helmets.
- 2010 Sporty version comes in Pearl Nightstar Black Metallic/Mat Blacky Grey Metallic with a matching Pearl Nightstar Black Metallic top box.



Specifications

General	
Model	SH300i - SH300i C-ABS - SH300i Sporty
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke 4-valve SOHC single
Displacement	279.1cm ³
Bore x Stroke	72 x 68.5mm
Compression Ratio	10.5 : 1
Max. Power Output	20kW / 8,250min ⁻¹
Max. Torque	26Nm / 6,000min ⁻¹
Idling Speed	1,500min ⁻¹
Oil Capacity	1.7 litres
Fuel System	
Carburation	PGM-FI electronic fuel injection
Throttle Bore	34mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	9 litres
Fuel Consumption	31.3 (WMTC mode)
Electrical System	
Ignition System	Digital transistorised with electronic advance
Ignition Timing	10° BTDC (idle) ~ 28° BTDC (8,250min ⁻¹)
Sparkplug Type	LMAR8A-9 (NGK)
Starter	Electric
Battery Capacity	12V / 11AH
ACG Output	368W
Headlights	12V, 55W x 1 (low) / 60W x 1 (high)
Drivetrain	
Clutch	Automatic; centrifugal
Transmission	V-Matic
Final Reduction	8,571
Final Drive	V-belt
Belt Converter Ratios	2,350 ~ 0.800
Frame	
Type	Underbone; steel tube

Chassis		
Dimensions	(LxWxH)	2,100 x 730 x 1,187mm
Wheelbase		1,420mm
Caster Angle		27° 30'
Trail		98mm
Seat Height		785mm
Ground Clearance		136mm
Kerb Weight		169.1kg (F: 65.3kg; R: 103.8kg), *172kg (F: 68kg; R: 104kg)
Max. Carrying Capacity		180kg
Loaded Weight		349kg (F: 113kg; R: 238kg), *352kg (F: 118kg; R: 239kg)
Suspension		
Type	Front	35mm telescopic fork, 102mm axle travel
	Rear	Dual-damper unit swingarm, 95mm axle travel
Wheels		
Type	Front	U-section 6-spoke cast aluminium
	Rear	U-section 6-spoke cast aluminium
Rim Size	Front	16 x MT2.75
	Rear	16 x MT3.50
Tyre Size	Front	110/70 16 (52P)
	Rear	130/70 16 (61P)
Tyre Pressure	Front	200kPa
	Rear	225kPa (with passenger: 225kPa)
Brakes		
Type	Front	256mm x 4.5mm hydraulic disc with triple-piston caliper, drilled rotor (*ABS) and sintered metal pads
	Rear	256mm x 5mm hydraulic disc with single-piston caliper, drilled rotor (*ABS) and sintered metal pads