

SH300i

2009 Press Information



Introduction

The SH's slim, curvaceous profile has become such a familiar sight that it's hard to remember European streets without it! In spite of its compact proportions, the SH300i packs the punch of a sporting motorcycle with thrilling performance from its compact fuel-injected engine and deft, confidence-inspiring control to match. Powerful rushes of acceleration, thrilling performance and carefree ease of handling make it one of the most attractive commuters on two wheels. Its superior ride comfort is down to a beautifully contoured stepped seat that easily carries two, a roomy, flat step-through floorboard offering plenty of legroom, and large 16" aluminium wheels that provide responsive and reassuring control. Add ample carrying capacity 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.

Need an elegant and energetic partner to share your enthusiasm for your busy, fun-packed schedule? The SH300i could be the one.

- Large step-through configuration with 16" wheels and roomy, flat floorboard offers confident control and plenty of legroom.
- Compact and powerful fuel-injected 4-stroke single-cylinder engine provides dynamic performance and the strongest acceleration in its class.
- HECS3 oxygen-sensing catalytic converter system minimises harmful emissions, ensuring full EURO-3 compliance.
- Specially designed frame and suspension systems ensure crisp, neutral handling and confident high-speed control on par with many sportsbikes.
- Combined disc brakes provide a smooth balance of performance for easy, controlled braking operation.
- Advanced Combined-ABS version offers the supremely confident control of Honda's smoothly responsive Antilock Brake System.

- New sporty colour variation: Pearl Cool White (with Mat Blacky Grey Metallic).

- Sporty version comes in 2 colour variations: Dark Metallic Grey or White body colour with black wheels, lower front forks, mudguard, front cowl, rear carrier and pillion steps. Red logo marks and red stitching on the black seat provide attractive accents.

Colours

- Quasar Silver Metallic
- Pearl Nightstar Black
- Velvet Red Metallic
- Pearl Montana Blue
- Pearl Cool White / Mat Blacky Grey Metallic (Sporty Type)
- Dolphin Grey Metallic / Mat Blacky Grey Metallic (Sporty Type)



Specifications

General	
Model	SH300i
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 (95/1/EC)
Max. Torque	26Nm / 6,000min ⁻¹ (95/1/EC)
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
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 1,220mm
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		319kg (F: 101kg; R: 218kg), *322kg (F: 103kg; R: 219kg)
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	256 x 4.5mm hydraulic disc with triple-piston caliper, drilled rotor (*ABS) and sintered metal pads
	Rear	256 x 5mm hydraulic disc with single-piston caliper, drilled rotor (*ABS) and sintered metal pads

* ABS version