

SH300i

2008 Press Information



Introduction

Here's an open invitation to try out the slimmest, sleekest and fastest mid-sized scooter on the roads of Europe. The remarkable SH300i brings top performance and carefree riding ease together in one of the most attractive commuters on two wheels. Offering smooth and powerful performance, riding comfort is of course superb, with a beautifully contoured stepped seat, a roomy, flat step-through floorboard offering plenty of legroom, and large 16" aluminium wheels providing responsive control. Figure in ample carrying capacity and sleek, attractive lines that draw admiring glances wherever you go, and you can see that the SH300i sets the pace for style and performance in large-displacement scooters for now and the future. Try it out. We're sure you'll be impressed.

- Large step-through configuration with 16" wheels and roomy, flat floorboard offers remarkably 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 with every twist of its throttle.
- HECS3 oxygen-sensing catalytic exhaust gas converter system minimises emissions of harmful exhaust gases to ensure full compliance with strict EURO-3 emissions regulations.
- 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.
- Locking seat tilts up to reveal a spacious carrying space for helmets, groceries and more.
- New Velvet Red Metallic, Quasar Silver Metallic, Pearl Montana Blue, Pearl Nightstar Black, Oyster Beige Metallic and Dolphin Grey Metallic colour variations.

- New Sporty type features a dark Dolphin Grey Metallic colour with red logo marks and red stitching on the black seat. Also featured are black wheels and front fork bottom cases, and a matte black finish on the mudguard, front cowl, rear carrier and pillion steps.

Colours

- Velvet Red Metallic
- Quasar Silver Metallic
- Pearl Montana Blue
- Pearl Nightstar Black
- Oyster Beige Metallic



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 / 8,000min ⁻¹ (95/1/EC)
Max. Torque	25.5Nm / 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	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	256mm x 4.5mm hydraulic disc with triple-piston calliper, drilled rotor (*ABS) and sintered metal pads
	Rear	256mm x 5mm hydraulic disc with single-piston calliper, drilled rotor (*ABS) and sintered metal pads

* Version ABS