

2007 SCV100 LEAD PRESS INFORMATION

Here's a fun and economical way to get around town with a space-age look that really catches the eye. The light and lively Lead gets its motivation from a clean and quiet air-cooled 4-stroke engine that provides strong, smooth and dependable performance while boasting excellent fuel economy to keep you riding longer on a load of fuel, with no oil to add nor smelly fumes to dirty the air. Riding comfort is also a top priority on the Lead, and that shows in its spacious proportions, plentiful legroom and relaxed ride for one or two. Beneath its locking seat a convenient compartment lets you cart your daily necessities securely across town, while its handy rear carrying rack provides plenty of room for larger loads. With its accents on fun, utility and low running costs, the smart and stylish Lead gives commuters and students a delightful way to take care of the week's business and pleasure.

Colours

- **Force Silver Metallic**
- **Candy Tahitian Blue**

Specifications SCV100 Lead ED-type

Engine

Type	Forced air-cooled 4-stroke SOHC single
Displacement	102.1cm ³
Bore x Stroke	50 x 52mm
Compression Ratio	9 : 1
Max. Power Output	5.15kW / 7,500min ⁻¹ (95/1/EC)
Max. Torque	7.5Nm / 5,500min ⁻¹ (95/1/EC)
Idling Speed	1,800min ⁻¹
Oil Capacity	0.8 litres

Fuel System

Carburation	18mm VK-type carburettor
Aircleaner	Viscous, cartridge-type paper filter
Fuel Tank Capacity	6 litres

Electrical System

Ignition System	Capacitor Discharge (CDI)
Ignition Timing	15° BTDC (idle) ~ 25° BTDC (4,000min ⁻¹)
Sparkplug Type	CR6HSA (NGK)
Starter	Electric / Primary kick
Battery Capacity	12V / 4AH
ACG Output	110W
Headlights	12V, 35W x 1 (low) / 35W x 1 (high)

Drivetrain

Clutch	Centrifugal; automatic
Transmission	V-Matic
Final Reduction	9.423
Final Drive	V-belt
Belt Converter Ratios	2.8 ~ 0.85

Frame

Type	Low deck centre backbone; steel tube
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Chassis

Dimensions	(LxWxH)	1,845 x 710 x 1,110mm
Wheelbase		1,235mm
Caster Angle		27° 30'
Trail		90mm
Turning Radius		2m
Seat Height		765mm
Ground Clearance		145mm
Dry Weight		100.5kg
Kerb Weight		108kg (F: 40kg; R: 68kg)
Max. Carrying Capacity		167kg
Loaded Weight		279kg (F: 82kg; R: 198kg)

Suspension

Type	Front	Oil-damped leading-link, 80mm axle travel
	Rear	Single-damper unit swingarm, 71mm axle travel

Wheels

Type	Front	ComCast steel
	Rear	ComCast steel
Rim Size	Front	10 x 2.15
	Rear	10 x 2.15
Tyre Size	Front	90/100 10 (53J)
	Rear	90/100 10 (53J)
Tyre Pressure	Front	150kPa
	Rear	250kPa

Brakes

Type	Front	130mm leading/trailing drum
	Rear	130mm leading/trailing drum

All specifications are provisional and subject to change without notice.