

2005 SCV100 LEAD PRESS INFORMATION

Modern, stylish and a joy to ride, the fun-filled Lead offers a quick and attractive ticket to the good times at a price that anyone can afford. This space-age scooter's distinctively sculpted form really catches the eye with its large, shapely headlight and dramatically angled indicators. Its clean and quiet air-cooled 4-stroke engine provides strong, dependable performance and 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.

The Lead's spacious proportions offer a comfortable ride for one or two, and its handy carrying rack and locking underseat compartment let you carry quite a bit more with you on your trips through town. A perfect choice for students and commuters looking for a lively alternative to perk up their travelling chores, the attractive Lead keeps the accent on fun while taking care of business.

Colours

- Force Silver Metallic
- Candy Tahitian Blue
- Candy Blazing Red
- Genie Grey Metallic

New Features

- New colour variation.

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	7.50Nm/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 Type	V-Matic
Belt Converter Ratios	2.800 ~ 0.850
Final Reduction	9.423
Final Drive	V-belt

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
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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
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All specifications are provisional and subject to change without notice.