

2006 PANTHEON PANTHEON 150 PRESS INFORMATION

Styled for the future, the Pantheon introduces you to a brave new world of technological excellence and design prestige that adds an attractive twist to a popular mode of transportation. The Pantheon's distinctive European styling and ergonomics herald a new age in Executive Scooter design, and rocket it to the top of the 125cc scooter class.

Its quick-starting and responsive fuel-injected engine not only delivers top performance throughout a wide powerband, it also achieves some of the lowest fuel consumption and emissions figures ever seen in a production scooter. Its Combined Brake System provide smooth and sure braking control in virtually all conditions, and its large underseat carrying compartment can carry two helmets or even a small briefcase with ease. For the highest in quality, style and all-round commuting convenience, the Pantheon is simply ahead of its time.

For fully licensed riders, the larger-displacement Pantheon 150 offers all the same features, but with an extra boost in performance that provides a stronger surge of acceleration for those with a need for speed.

Colours

- Force Silver Metallic
- Pearl Montana Blue
- Interstellar Black Metallic
- Velvet Red Metallic

Specifications**Pantheon (ED-type)****Engine**

Type	Liquid-cooled 4-stroke SOHC single
Displacement	124.6cm ³
Bore x Stroke	52.4 x 57.8mm
Compression Ratio	11 : 1
Max. Power Output	10.1kW/9,000min ⁻¹ (95/1/EC)
Max. Torque	11.7Nm/8,500min ⁻¹ (95/1/EC)
Idling Speed	1,500min ⁻¹
Oil Capacity	1 litre

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	26mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	9.4 litres

Electrical System

Ignition System	Digital transistorised with electronic advance
Ignition Timing	10° BTDC (idle) ~ 30° BTDC (8,500min ⁻¹)
Sparkplug Type	CR8EH-9 (NGK); U24FER9 (ND)
Starter	Electric
Battery Capacity	12V/6AH
ACG Output	300W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)

Drivetrain

Clutch	Automatic; centrifugal
Transmission Type	V-Matic
Belt Converter Ratios	2.640 ~ 0.820
Final Reduction	9.857
Final Drive	V-belt

Frame

Type	Centre backbone; steel tube
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Chassis

Dimensions	(LxWxH) 2,090 x 735 x 1,460mm
Wheelbase	1,490mm
Caster Angle	27°
Trail	82.5mm
Seat Height	770mm
Ground Clearance	145mm
Dry Weight	139.9kg
Kerb Weight	149.5kg (F: 60.2kg; R: 89.3kg)
Max. Carrying Capacity	180kg
Loaded Weight	299.5kg (F: 96.2kg; R: 203.3kg)

Suspension

Type	Front 33mm telescopic fork, 85.7mm axle travel Rear Dual-damper unit swingarm, 98.1mm axle travel axle travel
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Wheels

Type	Front Triple-spoke cast aluminium Rear Triple-spoke cast aluminium
Rim Size	Front 13M/C x MT2.75 Rear 12M/C x MT3.50
Tyre Size	Front 110/90-13M/C 56L Rear 130/70-12M/C 62L
Tyre Pressure	Front 175kPa Rear 200kPa (with passenger: 250kPa)

Brakes

Type	Front 240 x 4mm hydraulic disc with Combined three-piston calliper, drilled rotor and sintered metal pads Rear 220 x 5mm hydraulic disc with single-piston calliper, resin mould pads and Combined Brake system
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All specifications are provisional and subject to change without notice.

Specifications**Pantheon 150 (ED-type)****Engine**

Type	Liquid-cooled 4-stroke SOHC single
Displacement	150cm ³
Bore x Stroke	58 x 57.8mm
Compression Ratio	11 : 1
Max. Power Output	11.7kW/9,000min ⁻¹ (95/1/EC)
Max. Torque	14.2Nm/8,500min ⁻¹ (95/1/EC)
Idling Speed	1,500min ⁻¹
Oil Capacity	1 litre

Fuel System

Carburation	PGM-FI electronic fuel injection
Throttle Bore	26mm
Aircleaner	Dry, cartridge-type paper filter
Fuel Tank Capacity	9.4 litres

Electrical System

Ignition System	Digital transistorised with electronic advance
Ignition Timing	10° BTDC (idle) ~ 32° BTDC (8,000min ⁻¹)
Sparkplug Type	CR8EH-9 (NGK); U24FER9 (ND)
Starter	Electric
Battery Capacity	12V/6AH
ACG Output	300W
Headlights	12V, 55W x 1 (low) / 55W x 1 (high)

Drivetrain

Clutch	Automatic; centrifugal
Transmission Type	V-Matic
Belt Converter Ratios	2.640 ~ 0.820
Final Reduction	8.954
Final Drive	V-belt

Frame

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