

2005 PANTHEON PANTHEON 150 PRESS INFORMATION

The state-of-the-art for a new age of Executive Scooters, the Pantheon's brave new world of technological excellence and design prestige adds an attractive twist to an established mode of transport. Featuring distinctive European styling and ergonomics that zoom it to the top of the 125cc scooter class, the trail-blazing Pantheon is powered by a remarkable fuel-injected engine that not only delivers top performance throughout its wide powerband, but also some of the lowest fuel consumption and emissions figures ever seen in a production scooter. Its Combined brakes provide smooth and sure braking control, 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

New Features

- New colour variation.

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
------	-----------------------------

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
------	--

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 240mm x 4mm hydraulic disc with Combined three-piston calliper, drilled rotor and sintered metal pads Rear 220mm x 5mm hydraulic disc with single-piston calliper, resin mould pads and Combined Brake system
------	--

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	
Type	Centre backbone; steel tube
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
------	--

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 240mm x 4mm hydraulic disc with Combined three-piston calliper, drilled rotor and sintered metal pads Rear 220mm x 5mm hydraulic disc with single-piston calliper, resin mould pads and Combined Brake system
------	--

All specifications are provisional and subject to change without notice.