

Zoomer

2008 Press Information



Introduction

With its uniquely tubular 'all exposed' styling, the fast and friendly Zoomer makes a powerful statement about everybody who rides it. Stripped of all bodywork, its 'rough and ready' looks are an open invitation to go for a ride, while making a willing base for adding some custom personality of your own. Looking for something quick and easy to ride? Well, you've come to the right place. The Zoomer's compact engine starts right up at the touch of a button and goes like a little demon when you twist its throttle. Of course, it's also easy on the environment; a miser for fuel and no smoker on the road. So, if you're young or young at heart and like making a statement about your independence in everything you do, the Zoomer is surely the bike for you. Take one for a ride and see for yourself.

- Advanced fuel-injected and liquid-cooled 50cc 4-valve 4-stroke engine provides strong power with low noise and emissions.
- Open tubular design offers plenty of room under its flat-pan seat to tie down a day's essentials, or screw on some panels for more privacy.
- Large, rugged knobby tyres let you venture off the beaten path in your search for fun and adventure.

Colours

- Black
- Plasma Yellow
- Fighting Red
- Shasta White



Specifications

General	
Model	Zoomer
Mold Type	ED-type
Engine	
Type	Liquid-cooled 4-stroke 4-valve SOHC single
Displacement	49.9cm ³
Bore x Stroke	38 x 44mm
Compression Ratio	12 : 1
Max. Power Output	3kW / 7,500min ⁻¹ (95/1/EC)
Max. Torque	4.5Nm / 5,000min ⁻¹ (95/1/EC)
Idling Speed	2,000min ⁻¹
Oil Capacity	0.7 litres
Fuel System	
Carburation	PGM-FI electronic fuel injection
Aircleaner	Cartridge-type paper filter
Fuel Tank Capacity	5 litres (including 1-litre warning light reserve)
Electrical System	
Ignition System	Digital transistorised with electronic advance
Ignition Timing	15° BTDC (idle) ~ 25.4° BTDC (4,000min ⁻¹)
Sparkplug Type	ER8EH-N (NGK)
Starter	Electric / Primary kick
Battery Capacity	12V / 6AH
ACG Output	210W
Headlights	12V, 35W x 2 (low) / 35W x 2 (high)
Drivetrain	
Clutch	Centrifugal; automatic
Transmission	V-Matic belt drive
Final Reduction	13.708
Final Drive	V-belt
Belt Converter Ratios	2.850 ~ 1.200
Frame	
Type	Low deck backbone; Aluminium die-cast + steel tube

Chassis	
Dimensions	1,860 x 735 x 1,025mm
Wheelbase	1,265mm
Caster Angle	26° 30'
Trail	75mm
Turning Radius	1.9m
Seat Height	735mm
Ground Clearance	145mm
Kerb Weight	89kg (F: 40kg; R: 49kg)
Max. Carrying Capacity	112kg
Loaded Weight	164kg (F: 68kg; R: 96kg)
Suspension	
Type	Front 27mm telescopic fork, 49mm axle travel
	Rear Unit swingarm, 65mm axle travel
Wheels	
Type	Front Pressed steel
	Rear Pressed steel
Rim Size	Front 10 x MT3.00
	Rear 10 x MT3.00
Tyre Size	Front 120/90 10 (57J)
	Rear 130/90 10 (61J)
Tyre Pressure	Front 175kPa
	Rear 175kPa
Brakes	
Type	Front 95mm leading/trailing drum
	Rear 95mm leading/trailing drum