

Race-bred and street-smart



Sporty flat handlebar

High-tensile double cradle frame

Front telescopic forks



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49cc 2-stroke liquid-cooled single engine

Race-proven Monocross rear suspension

Front hydraulic disc brake

FEATURES

- **19cc 2-stroke, liquid-cooled single engine** features the YEIS & "Torque Induction" system for high power and fuel economy.
- **High-tensile double cradle frame** is light yet strong for smoother cornering.
- **Front hydraulic disc brake** gives reliable stopping power.
- **Front telescopic forks** offer nimble, precise handling.
- **Sporty flat handlebar and rear positioned footrests** provide the ideal riding position.
- **Race-proven Monocross rear suspension** assures positive handling in all riding conditions.
- **Seat cowl** is equipped with handy storage compartment.
- **CDI system** is reliable and virtually maintenance free.
- **Orthogonal engine mounts** minimize engine vibration even at the highest rpm range.



SPECIFICATIONS

ENGINE

Type	2-stroke, liquid cooled, single
Displacement	49 cc
Bore & stroke	40.0 x 39.7 mm
Compression ratio	6.9 : 1
Max. power (DIN)	7.7 PS (5.7 kW) @9,000 rpm
Max. torque (DIN)	0.67 kg m (6.54 Nm) @8,000 rpm
Lubrication	Autolube
Carburetion	VM18
Ignition	CDI
Starter system	Kick
Fuel tank capacity	10 l
Oil capacity	1.1 l
Transmission	6-speed
Final transmission	Chain drive

CHASSIS

Overall length	1,910 mm
Overall width	685 mm
Overall height	1,000 mm
Seat height	760 mm
Wheelbase	1,230 mm
Ground clearance	200 mm
Dry weight	75 kg
Suspension (Front)	Telescopic forks
(Rear)	Monocross suspension
Brakes (Front)	Disc
(Rear)	Drum
Tyres (Front)	2.50-18-4PR
(Rear)	2.75-18-4PR