



SPECIFICATIONS

KSF50B9F

Engine Type	4-Stroke, Air-Cooled, Single
Displacement	49.5 cm ³
Bore & Stroke	39.0 x 41.4 mm
Maximum Torque	N/A
Compression Ratio	10.0:1
Carburetor	Keihin PTE 16
Transmission/Drive System	Variable Speed/Chain
Front Tire Size	AT 16 x 8-7
Rear Tire Size	AT 16 x 8-7
Wheelbase	965 mm
Minimum Turning Radius	2.66 m
Front Brake Type	Mechanical Drums
Rear Brake Type	Hydraulic Disc
Front Suspension Type	Single A-Arms, Two Shocks
Rear Suspension Type	Swingarm, Single Shock
Front Wheel Travel	71 mm
Rear Wheel Travel	74 mm
Ground Clearance (center of chassis)	85 mm
Fuel Tank Capacity	5.5 L
Track Front/Rear	690 x 700 mm
Length x Width x Height	1,400 x 880 x 910 mm
Curb Mass	109 kg
Colors	Lime Green
Warranty	6 months

(Specifications subject to change without notice.)

* = Changes from previous model year.

† = Not recommended for riders under 6 years of age.

Key Features:

- ◆ Parental Controls
- ◆ Low-Power Engine
- ◆ Easy-to-Use Continuously Variable Transmission
- ◆ Full Suspension

◆ 49cc Single Cylinder 4-Stroke Engine

- Simple air-cooled design with continuous air flow system that provides optimum cooling performance.
- Produces user-friendly power that can be managed by entry-level riders.

◆ Parental Controls

- A throttle-limiting screw located on the throttle housing allows parents to limit throttle opening to help new riders gain experience at slower speeds.
- A removable collar installed in the CVT limits travel of the driven converter, producing a lower overall drive ratio to reduce speed.
- Keyed ignition switch prevents starting without a key.



- Ignition-cutoff tether allows an adult to immediately stop engine operation by pulling the tether line.

Electric Starter

- Easy push-button starting.



- Interlock only allows engine to be cranked when the parking brake is engaged.
- Keyed ignition switch for added security.
- Sealed battery requires minimal maintenance.
- Back-up kick-starter system allows the engine to be started even if the battery is drained of power.
- Electrically-operated fuel enrichener automatically opens fuel passage during cranking for easy starting.

◆ Continuously Variable Transmission

- Eliminates shifting to simplify operation.
- Just push the throttle to go.
- Centrifugal clutch on the driven converter allow engine braking under certain conditions for added slowing power down hills.

U.S. Forest Service-Approved Spark Arrester

- U.S. Forest Service-approved spark arrester allows access to designated public riding areas and helps prevent bushfires.

Full Floorboards

- Provide sure footing.
- Helps keep the rider's feet and legs away from the wheels.



Full Suspension

- Single A-arm front suspension with twin shock absorbers.



- Single-shock rear suspension system.

Front and Rear Brakes

- Responsive braking performance from dual front drums and single rear disc.

Controls

- Control levers are sized and within reach for use by young hands.