

General Specifications*

(250)

CARBURETOR	
Type	Keihin CVK32
Main Jet	138
Slow Jet	38
Low Speed Fuel Screw Setting (turns)	1 3/4
Jet Needle	N8TT
Needle Jet	4.0/3.4
Idle RPM	1300-1400
Starter Jet	60
Float Arm Height	17 mm (0.7 in.)
Throttle Cable Free-Play (at lever)	3-6 mm (1/8-1/4 in.)
ELECTRICAL	
Ignition Timing	5° BTDC below 1800 RPM 35° BTDC above 3800 RPM
Spark Plug Type	NGK DR7EA
Spark Plug Gap	0.6-0.7 mm (0.024-0.028 in.)
Spark Plug Cap	8000-12,000 ohms
Ignition Coil Resistance (primary)	0.4-0.6 ohm (terminal to ground)
(secondary)	5200-7800 ohms (high tension - plug cap removed - to ground)
Ignition Coil Peak Voltage (primary/CDI)	98.3-147.5 volts (terminal to ground)
Magneto Coil Resistance (trigger)	84-126 ohms (black/yellow to green/white)
(charging)	0.44-0.66 ohm (yellow to yellow)
Magneto Coil Peak Voltage (trigger)	3.12-4.68 volts (black/yellow to green/white)
(charging)	30-45 volts (yellow to yellow)
Magneto Output (approx)	220W @ 5000 RPM

CHASSIS	
Dry Weight (approx)	2x4 - 245 kg (540 lb) 4x4 - 261 kg (575 lb)
Length (overall)	202 cm (79.5 in.)
Height (overall)	114 cm (45 in.)
Width (overall)	114 cm (45 in.)
Suspension Travel	16.5 cm (6.5 in.)
Ground Clearance	20.3 cm (8.0 in.)
Brake Type	Hydraulic w/Brake Lever Lock and Auxiliary Brake
Wheelbase	127 cm (50 in.)
Tracking	89 cm (35 in.)
Tire Size	Front - AT23 x 8-12 Rear - AT24 x 9-12
Tire Inflation Pressure	0.35 kg/cm ² (5 psi)
Turning Radius	3.0 m (9.85 ft)
MISCELLANY	
Gas Tank Capacity (rated)	17.98 L (4.75 U.S. gal.)
Reserve Capacity	2.46 L (0.65 U.S. gal.)
Engine Oil Capacity	3.5 L (3.7 U.S. qt)
Gasoline (recommended)	87 Octane Regular Unleaded
Engine Oil (recommended)	SAE 10W-40
Differential Capacity (front - 4x4)	275 ml (9.3 fl oz)**
Differential Lubricant (front - 4x4)	SAE Approved 80W-90 Hypoid
Brake Fluid	DOT 4
Taillight/Brakelight	12V/5W/27W
Headlight	12V/27W (2)
Starting System	Electric w/Manual Recoil (Emergency)

* Specifications subject to change without notice.

** One inch below plug threads.