



## Rascal IXL-40 Specifications

		Rascal (IXL-40)
<b>Engine</b>		
Type	Two cycle air cooled pre mix fuel/oil	
Displacement	41.5cc	
Bore / Stroke	φ40.0 * 33.0mm	
Compression	6.6 : 1	
Power	2.2hp @ 7000rpm	
<b>Transmission</b>		
Type	Single Speed Centrifugal Clutch	
<b>Chassis</b>		
Overall Length	1160mm / 45.6"	
Overall Width	650mm / 25.6"	
Overall High	727mm / 28.6"	
Wheel Base	728mm / 28.7"	
Ground Clearance	76mm / 3"	
Dry Weight	60kg / 132.3lb	
<b>Suspension</b>		
Front	A-Arms Dual Shocks	
Rear	Swing Arm / Single Shock	
<b>Brakes</b>		
Front	N/A	
Rear	Mechanical Drum	
<b>Tires</b>		
Front	145/70-6	
Rear	145/70-6	
Tire Pressure front & rear	Front 2psi / 0.14kg/cm2 (Cold) Rear 2psi / 0.14kg/cm2 (Cold)	
<b>Wheel</b>		
Bolt Pattern	N/A	
<b>Carburetor</b>		
Make/Size	Mikuni 16mm (Manual Coke)	
Main Jet	64mm	
Pilot Jet	18mm	
Air Mixture Adjustment	Back out ¾ - 1¼ turns Idle 2500rpm	

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<b>Sprockets</b>		
Front		420x14t
Rear		420x36t
Chain		#420
<b>Battery</b>		
		N/A
<b>Fluids</b>		
Fuel	Type	Unleaded Gasoline 89 octane
	Volume	3.5 liters / 0.9 gal
Engine Oil	Type	High grade synthetic 2 cycle oil
	Volume	Pre Mix 50 : 1
Transmission	Type	SAE 80/90 weight
	Volume	70cc / 2.4oz
<b>Spark Plug</b>		
NGK		BPM6Y/NGK
Nipendenso		W22MP-U
Champion		CJ7Y (Not Recommended)
	Electrode Gap	0.6-0.7mm / 0.023"
<b>Maximum Rider Weight</b>		36.3kg / 80lbs
<b>Minimum Rider Age</b>		6 years