

QUALIFIER IV

	125	175	250	400
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DIMENSIONS

Overall Height	1212mm/47.7"	1240mm/48.8"		
Seat Height	941mm/37.1"	958mm/37.7"		
Ground Clearance	295mm/11.6"	322mm/12.7"		
Wheelbase	1447mm/56.9"	1485mm/58.5"		
Overall Length	2133mm/83.9"	2225mm/87.6"		

FRAME

Type	Tubular double loop space frame 4130 chromoly/tapered backbone.			
Front Suspension	Marzocchi 35mm		Marzocchi 38mm	
Travel	250mm/9.8"	270mm/10.6"	300mm/11.8"	
Rear Suspension	S&W shock	Ohlins		
Wheel Travel	264mm/10.4"	324.4mm/12.8"		
Fork Angle (Rake)	29°	28.5°	29.5°	
Brake Front & Rear	Drum single leading shoe 152mm x 25.4mm/5.9" x 1"			
Tire: Front	Dunlop K-139 3.00 x 21			
Tire: Rear	Dunlop K-190 4.10 x 18		Dunlop K-190 5.10 x 18	
Weight (Dry)	99.1 kg/218 lbs	101.8 kg/224 lbs	105.5 kg/232 lbs	109.5 kg/241 lbs

LIQUID CAPACITIES

Gas Tank	12.8 litres/3.35 U.S. gallons			
Transmission	1200cc		1300cc	

ENGINE

Bore	54mm/2.125"	62mm/2.441"	72mm/2.835"	84mm/3.307"
Stroke	54mm/2.125"	57.5mm/2.263"	61mm/2.401"	72mm/2.835"
Displacement (cc)	123.7cc	173.6cc	248.4cc	399.0cc
Compression Ratio	8.5:1	7.7:1	6.8:1	6.1:1
Electronic CDI	Bosch RDPK 1			
Carburetor Type	VM 34/288	VM 34/259	VM 34/266	VM 38/84
Air Filter	K&N with foam cover			

POWER TRAIN

Primary Drive	Straight cut and ground gears.			
Clutch	Multiplate 5 discs oil bath		Multiplate 6 discs oil bath	Multiplate 8 discs oil bath
Transmission	Constant mesh 6-speed			Constant mesh 5-speed
Gear Ratio 1st	3.40		2.91	
2nd	2.31		2.00	
3rd	1.68		1.40	
4th	1.31		1.11	
5th	1.095		0.913	
6th	0.913			
Chain	Regina (520)		Regina (530)	

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Litho'd in Canada.



125



175



250



400

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