

## PIAGGIO LEADER TECHNICAL DATASHEET

	<b>125cc 2V A</b>	<b>125cc 4V L</b>	<b>150cc 2V A</b>	<b>200cc 4V L</b>	<b>250cc 4V L</b>
<b>Displacement</b>	124.02cc	124.02cc	149.58cc	197.88cc	244.3cc
<b>Bore</b>	57mm	57mm	62.6mm	72mm	72mm
<b>Stroke</b>	48.6mm	48.6mm	48.6mm	48.6mm	60mm
<b>Start</b>	Electric and kick start				
<b>Ignition</b>	Electronic with capacitive discharge (CDI) and variable timing (10°-26°)				
<b>Distribution</b>	2-valve SOHC	4-valve SOHC	2-valve SOHC	4-valve SOHC	4-valve SOHC
<b>Cooling system</b>	Forced air	Forced liquid	Forced air	Forced liquid	Forced liquid
<b>Lubrication system</b>	Chain-driven, Wet trochoidal pump. Oil tank capacity: 1 liter				
<b>Power at crankshaft</b>	8.8kW (12 HP)@ 7500RPM	11kW (15 HP)@ 10000RPM	9kW (12.5 HP)@ 7500RPM	14.7kW (20HP)@ 8500RPM	16.2kW (22HP)@ 8250PM
<b>Torque at crankshaft</b>	10.55Nm @ 6500RPM	11.50Nm @ 8000RPM	12.69Nm @ 6000RPM	17.5Nm @ 7000RPM	20.2Nm @ 6500RPM
<b>Transmission</b>	Torque sensitive Continuous Variable Transmission (CVT)				
<b>CVT range</b>	3.34	3.34	3.34	2.98	2.82
<b>Wheelbase</b>	From 292 to 384mm (up to 343.5mm without changing the crankcase).				
<b>Rear brake</b>	Drum brake or disk brake				
<b>Engine weight</b>	30 kg	33 kg	30 kg	34 kg	36 kg