

50 HIGH PERFORMANCE

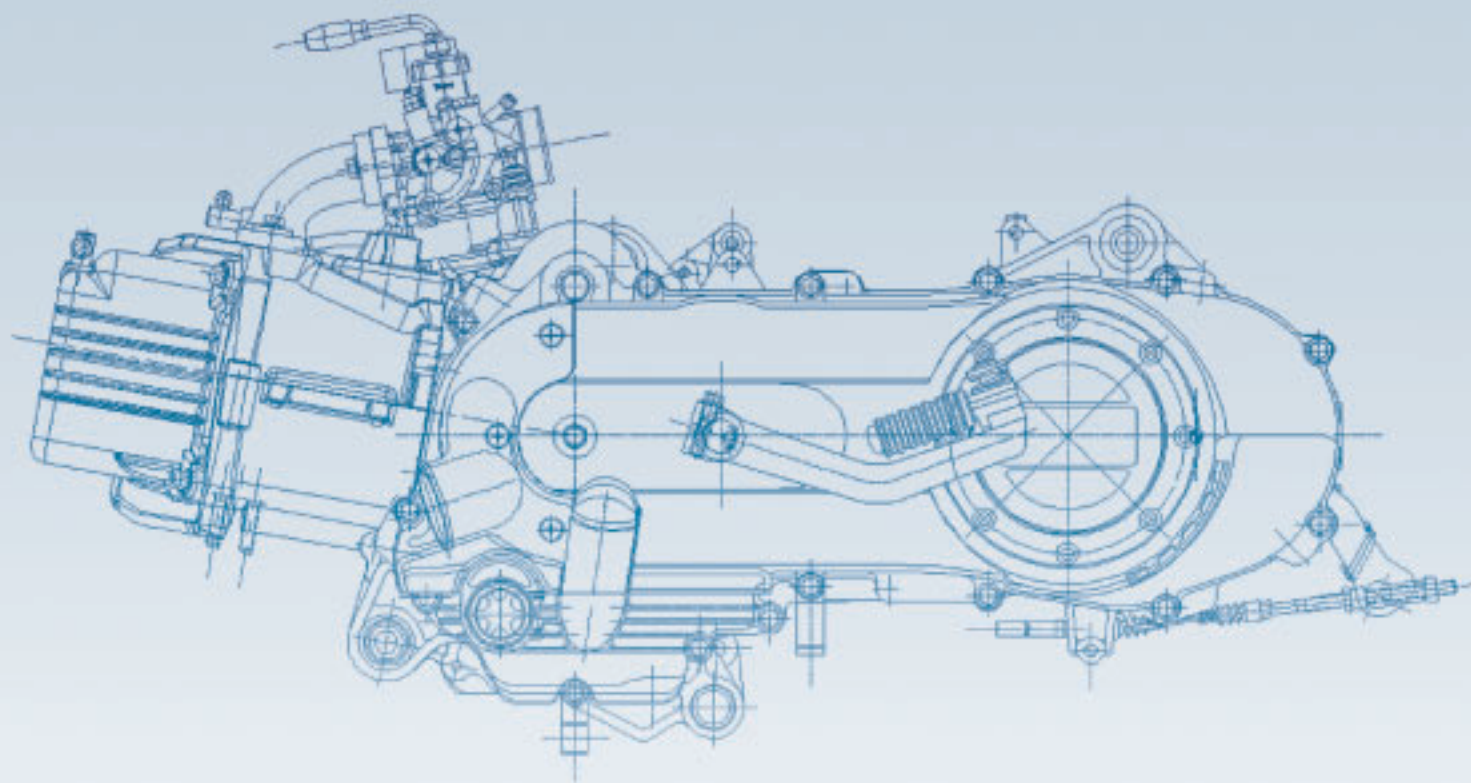
Hi-PER 4

ECOLOGIC
ENGINE RANGE

Hi-PER 4 Family

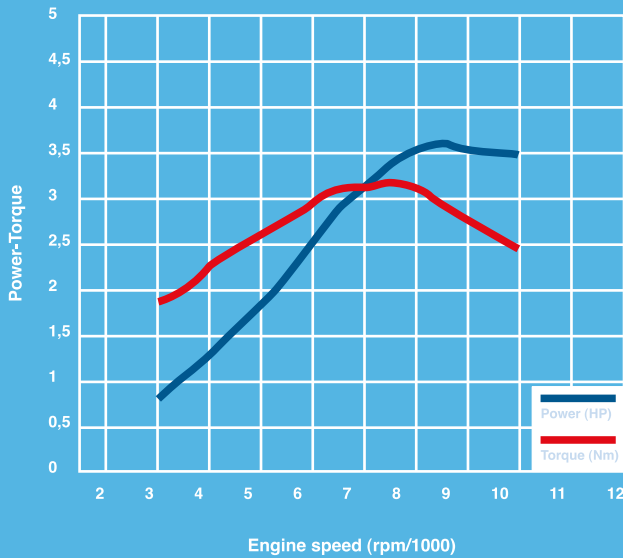
High Performance Ecologic Engine Range

Hi-PER 4 50cc 100cc



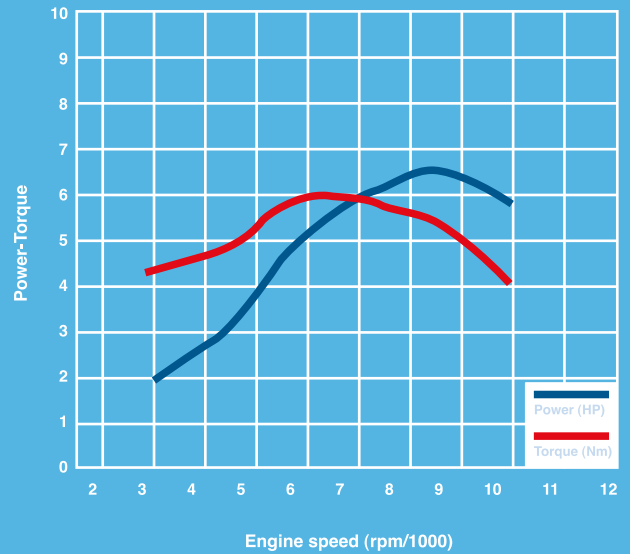
50cc

POWER AND TORQUE AT REAR WHEEL



100cc

POWER AND TORQUE AT REAR WHEEL



Hi-PER 4 Family

Technical Datasheet

	50cc 2C A	100cc 2V A
Thermodynamic cycle	Otto 4 - stroke	
Displacement	49,9cc	96,2cc
Bore	39mm	49,0mm
Stroke	41,8mm	49,0mm
Cooling system	Forced air	
Power @ crankshaft	3,2kW(4,4HP)@8500rpm	5,7kW(7,7HP)@8500rpm
Torque @ crankshaft	3,9Nm(0,4kgm)@6500rpm	6,9Nm(0,7kgm)@6000rpm
Ignition	Electronic with Capacitive Discharge (CDI) and variable timing	
Timing	2-valve SOHC	
Fuel feed	Multi-jet carburetor with integrated automatic choke	
Lubrication system	Gear driven, wet trochoidal pump	
Countershaft	Not present	
Transmission	Torque sensitive Continuous Variable Transmission (CVT)	
CVT range	3,9	3,5
Start	Electric and kick	
Rear Brake	Drum brake Ø110 or Ø140 or disk brake	
Engine weight	28 Kg	
Emission compliance	EURO 2	
Emission devices	Catalyst system - secondary air system	

Piaggio reserves the right to modify the data indicated above.

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