



**PIAGGIO®**

**LIBERTY 50 S – TECHNICAL SPECIFICATIONS**

<b>ENGINE</b>	i-get, Single cylinder four-stroke
<b>CAPACITY</b>	49 cc
<b>BORE X STROKE</b>	39 mm x 41.4 mm
<b>POWER</b>	2.2 kW / 7750 rpm
<b>TORQUE</b>	2.9 Nm at 6500 rpm
<b>FUEL SYSTEM</b>	Three-valve single overhead camshift (two for intake, one for exhaust)
<b>FUEL SUPPLY</b>	Electronic injection
<b>COOLING SYSTEM</b>	Air
<b>LUBRICATION</b>	Oil with wet sump
<b>STARTER</b>	Electric
<b>TRANSMISSION</b>	CVT with torque server
<b>CLUTCH</b>	Automatic centrifugal dry clutch
<b>EMISSION STANDARD</b>	Euro 4
<b>CHASSIS</b>	High strength reinforced tubular steel
<b>FORWARD SUSPENSION</b>	Hydraulic telescopic fork, 76 mm stroke
<b>REAR SUSPENSION</b>	Single hydraulic shock absorber with adjustable preload with 4 settings, 73.5 mm stroke
<b>FRONT BRAKE</b>	Single 240-mm disc
<b>REAR BRAKE</b>	140-mm drum
<b>FRONT TYRE</b>	Tubeless 90/80 - 16"
<b>REAR TYRE</b>	Tubeless 100/80-14"
<b>LENGTH / WIDTH</b>	1945 mm / 690 mm
<b>WHEELBASE</b>	1370 mm
<b>SEAT HEIGHT</b>	780 mm
<b>FUEL TANK CAPACITY</b>	6 litres (includes 1.5 litres reserve)