

**LIBERTY S 125 4-STROKE**

<b>Engine</b>	Single cylinder 4 stroke Piaggio LEADER
<b>Displacement</b>	124 cc
<b>Bore / stroke</b>	57 mm / 48.6 mm
<b>Compression ratio</b>	10.6: 1
<b>Max. power</b>	10 bhp at 8,000 rpm
<b>Max. torque</b>	9.8 Nm at 6,750 rpm
<b>Valve train</b>	2-valve SOHC
<b>Cooling</b>	Forced air
<b>Lubrication</b>	Wet sump
<b>Start</b>	Electric
<b>Gears</b>	Twist and go CVT and torque server
<b>Clutch</b>	Dry automatic centrifugal type
<b>Frame</b>	Steel tubes
<b>Front suspension</b>	Ø 32 telehydraulic fork, 76 mm travel
<b>Rear suspension</b>	Hydraulic monoshock, 4 position spring preload, 73.5 mm travel
<b>Front brake</b>	Ø 220 mm disc, caliper with opposed pistons
<b>Rear brake</b>	Ø 140 mm drum
<b>Front wheel rim</b>	Die-cast aluminium alloy, 2.15x16"
<b>Rear wheel rim</b>	Die-cast aluminium alloy, 2.75x14"
<b>Front tyre</b>	Tubeless 90/80-16"
<b>Rear tyre</b>	Tubeless 110/80-14"
<b>Length</b>	1,930 mm
<b>Width</b>	740 mm
<b>Seat height</b>	805 mm
<b>Wheel base</b>	1,325 mm
<b>Dry weight</b>	108 kg
<b>Top speed</b>	92 km/h
<b>Fuel tank capacity</b>	6 litres (includes 1 litre of reserve)
<b>Emissions</b>	Euro 2