

LIBERTY S 50 2-STROKE

Engine	Single cylinder 2 stroke Piaggio Hi-PER2
Displacement	49.4 cc
Bore / stroke	40 mm / 39.3 mm
Compression ratio	9.9: 1
Start	Electric and kick starter
Cooling	Forced air
Gears	Twist and go CVT and torque server
Clutch	Dry automatic centrifugal type
Frame	Steel tubes
Front suspension	Telescopic fork, 76 mm travel
Rear suspension	Hydraulic monoshock, 74 mm travel
Front brake	Ø 220 mm disc, caliper with opposed pistons
Rear brake	Ø 140 mm drum
Front wheel rim	Die-cast aluminium alloy, 2.15x16"
Rear wheel rim	Die-cast aluminium alloy, 2.75x14"
Front tyre	Tubeless 90/80-16"
Rear tyre	Tubeless 110/80-14"
Length	1,960 mm
Width	735 mm
Seat height	795 mm
Wheel base	1,340 mm
Dry weight	83 kg
Fuel tank capacity	6 litres (includes 1 litre reserve)
Emissions	Euro 2