



**PIAGGIO®**

Move Beautifully



# TECHNICAL SPECIFICATIONS

	MP3 BUSINESS / SPORT		BEVERLY / S	LIBERTY / LIBERTY S	ZIP 50 2T
	500 ie LT	300 ie LT	300 ie	150 ie	50 2T
Engine	Single cylinder, 4-stroke, 4 valves	Single cylinder, 4-stroke, 4 valves	Single cylinder, 4-stroke, 4 valves	i-get single cylinder 4-stroke, 3 valves	Single cylinder, 2-stroke
Engine Capacity	493 cc	278 cc	278 cc	155 cc	49.4 cc
Bore x Stroke	94 mm x 71 mm	75 mm x 63 mm	75 mm x 63 mm	58 mm x 58.6 mm	40 mm x 39.3 mm
Power	28.5 kW -38.8 CV- a 7,250 rpm	15.5 kW -21.1 CV- a 7,250 rpm	15.5 kW -21 CV- a 7,250 rpm	9.6 kW -13.1 CV- a 7,750 rpm	3.3 kW -4.5 CV- a 6,700 rpm
Torque	45.5 Nm a 5,000 rpm	22.5 Nm a 6.000 rpm	22.5 Nm a 5,750 rpm	13 Nm a 5,250 rpm	4.3 Nm a 6,500 rpm
Fuel system	Electronic injection	Electronic injection	Electronic injection	Injection	Carburettor
Cooling system	Liquid	Liquid	Liquid	Air	Air
Lubrication	Wet sump	Wet sump	Wet sump	Wet sump	Automatic mixer with throttle grip assist at engine running speed
Starter	Electric	Electric	Electric	Electric	Electric and kick starter
Gearbox	CVT continuously variable transmission with torque server	CVT continuously variable transmission with torque server	CVT continuously variable transmission with torque server	CVT continuously variable transmission with torque server	CVT continuously variable transmission with torque server
Clutch	Automatic centrifugal dry clutch	Automatic centrifugal dry clutch	Automatic centrifugal dry clutch	Automatic centrifugal dry clutch	Automatic centrifugal dry clutch
Frame	Double cradle in high resistance tubular steel	Double cradle in high resistance tubular steel	Double cradle in high resistance tubular steel	Single cradle structure in high resistance tubular steel	Single cradle structure in high resistance tubular steel
Front suspension	Articulated quadrilateral	Articulated quadrilateral	Hydraulic telescopic fork	Hydraulic telescopic fork	Hydraulic telescopic fork
Rear suspension	Dual hydraulic shock absorbers adjustable in preload	Dual hydraulic shock absorbers adjustable in preload	Dual hydraulic shock absorbers adjustable in preload	Hydraulic shock absorber adjustable in preload	Hydraulic shock absorber
Front brake	TwoØ258 mm discs with hydraulic control	TwoØ258 mm discs with hydraulic control	Ø300 mm disc with hydraulic control	240 mm disc with hydraulic control	Ø175 mm disc with hydraulic control
Rear brake	Ø240 mm disc with hydraulic control, combined braking	Ø240 mm disc with hydraulic control, combined braking	Ø240 mm disc with hydraulic control	140 mm drum	Ø110 mm drum
Front tyre	Tubeless 110/70 - 13"	Tubeless 110/70 - 13"	Tubeless 110/70 - 16"	Tubeless 90/80 - 16"	Tubeless 100/80 - 10"
Rear tyre	Tubeless 140/70 - 14"	Tubeless 140/60 - 14"	Tubeless 140/70 - 14"	Tubeless 100/80 - 14"	Tubeless 120/70 - 10"
ABS/ASR	As standard	As standard	As standard	Front wheel ABS standard	- / -
Length/Width/Wheelbase	2,225 mm / 800 mm / 1,540 mm	2,225 mm / 800 mm / 1,500 mm	2.190 mm / 780 mm / 1.535 mm	1,945 mm / 690 mm / 1,340 mm	1,700 mm / 680 mm / 1,200 mm
Saddle height	790 mm	790 mm	790 mm	< 790 mm	Adjustable: 750 mm - 765 mm - 780 mm
Fuel tank capacity	12 litres	12 litres	12.5 litres	6 litres	7.3 Litres
Emissions compliance	EURO 4	EURO 4	EURO 4	EURO 4	EURO 2

**ORDER ONLY**