

**Engine Type**  
**Cylinder Capacity**  
**Bore x Stroke**  
**Max Power at Shaft**  
**Max Torque**  
**Max Speed**  
**Fuel / Tank Capacity**  
**Fuel Supply**  
**Distribution**  
**Cooling System**  
**Lubrication**  
**Ignition**  
**Gears**

Single cylinder, four-stroke Piaggio HI-PER4  
 49.9cc  
 1.5" x 1.6" (39 mm x 41.8 mm)  
 8.5 kW at 7,750 rpm (11.6 bhp)  
 3.5 Nm at 6,500 rpm  
 39 mph (63 Km/h)  
 Unleaded / 1.9 gallons (7.2 liters)  
 Carbureted  
 Single overhead camshaft (SOHC) with two valves  
 Forced air  
 Wet sump  
 Electronic  
 CVT automatic ratio variator (twist-and-go)

**Clutch**  
**Chassis**  
**Front Suspension**  
**Rear Suspension**  
**Wheel Size**  
**Front Brake**  
**Rear Brake**  
**Length / Width**  
**Wheelbase**  
**Seat Height**  
**Dry Weight**  
**Type-Approval**

Dry automatic centrifugal type  
 Tube type  
 Telescopic hydraulic forks, 32 mm  
 Hydraulic single shock absorber  
 Front: 120 / 70, 12" Rear: 120 / 70, 12"  
 Disc 200 mm, floating caliper with two pistons  
 Drum 140 mm  
 74" (1,880 mm) / 28.9" (735 mm)  
 52.4" (1,330 mm)  
 30.9" (785 mm)  
 220 lbs (100 kg)  
 EPA and CARB



**FLY 50 4V** Exceptional quality with a surprisingly low price.

The Fly 50 inherits Piaggio's tradition of success, using the latest technology and design trends. The result is a reliable vehicle for everyday riding that stands out for its style, comfort and ease of use.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type**  
**Cylinder Capacity**  
**Bore x Stroke**  
**Max Power at Shaft**  
**Max Torque**  
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**Fuel / Tank Capacity**  
**Fuel Supply**  
**Distribution**  
**Cooling System**  
**Lubrication**  
**Ignition**  
**Gears**

Single cylinder, four-stroke Piaggio LEADER  
 150cc  
 2.5" x 1.9" (62.6 mm x 48.6 mm)  
 8.5 kW at 7,750 rpm (11.6 bhp)  
 11.5 Nm at 6,000 rpm  
 61 mph (98 Km/h)  
 Unleaded / 1.9 gallons (7.2 liters)  
 Carbureted  
 Single overhead camshaft (SOHC) with two valves  
 Forced air  
 Wet sump  
 Electronic  
 CVT automatic ratio variator (twist-and-go)

**Clutch**  
**Chassis**  
**Front Suspension**  
**Rear Suspension**  
**Wheel Size**  
**Front Brake**  
**Rear Brake**  
**Length / Width**  
**Wheelbase**  
**Seat Height**  
**Dry Weight**  
**Type-Approval**

Dry automatic centrifugal type  
 Tube type  
 Telescopic hydraulic forks, 32 mm  
 Hydraulic single shock absorber, spring pre-load adjustable to four positions  
 Front: 120 / 70, 12" Rear: 120 / 70, 12"  
 Disc 200 mm, floating caliper with two pistons  
 Drum 140 mm  
 73.6" (1,870 mm) / 28.9" (735 mm)  
 52.4" (1,330 mm)  
 30.9" (785 mm)  
 247 lbs (112 kg)  
 EPA and CARB



**FLY 150** Exceptional quality with a surprisingly low price.

The Fly 150 inherits Piaggio's tradition of success, using the latest technology and design trends. The result is a reliable vehicle for everyday riding that stands out for its style, comfort and ease of use.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type** Single cylinder, four-stroke Piaggio QUASAR  
**Cylinder Capacity** 250cc  
**Bore x Stroke** 2.9" x 2.5" (75 mm x 63 mm)  
**Max Power at Shaft** 22 hp at 7,250 rpm  
**Max Torque** 23 Nm at 6,000 rpm  
**Max Speed** 80 mph (129 km/h)  
**Fuel / Tank Capacity** Unleaded / 2.6 gallons (10 liters)  
**Fuel Supply** Electronic Injection System  
**Distribution** Single overhead camshaft (SOHC) with four valves  
**Cooling System** Liquid  
**Lubrication** Wet sump  
**Ignition** Electronic  
**Gears** CVT automatic ratio variator (twist-and-go)

**Clutch** Dry automatic centrifugal type  
**Chassis** Twin cradle tubes in high tensile steel  
**Front Suspension** Telescopic fork, 35 mm shafts, 104 mm travel  
**Rear Suspension** Dual hydraulic shock absorber, four-position spring preload, 90 mm travel  
**Wheel Size** Front: 110 / 70, 16" Rear: 140 / 70, 16"  
**Front Brake** 260 mm disc, floating caliper with two pistons  
**Rear Brake** 260 mm disc, floating caliper with opposed pistons  
**Length / Width** 83.1" (2,110 mm) / 29.9" (760 mm)  
**Wheelbase** 57.9" (1,470 mm)  
**Seat Height** 31" (790 mm)  
**Dry Weight** 328 lbs (149 kg)  
**Type-Approval** EPA and CARB



**BV TOURER 250** The stylish speedster.

The BV Tourer combines high wheels and a motorcycle-style ride with the comfort and practicality of a scooter to ensure a safe and precise ride.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type** Single cylinder, four-stroke catalytic Piaggio MASTER

**Cylinder Capacity** 492cc

**Bore x Stroke** 3.6" x 2.7" (92 mm x 69 mm)

**Max Power at Shaft** 29 kW at 7,500 rpm (39 bhp)

**Max Torque** 43 Nm at 5,500 rpm

**Max Speed** 99 mph (160 Km/h)

**Fuel / Tank Capacity** Unleaded / 3.49 gallons (13.2 liters)

**Fuel Supply** Electronic injection system

**Distribution** Single overhead camshaft (SOHC) with four valves

**Cooling System** Liquid

**Lubrication** Wet sump

**Ignition** Electronic with variable spark advance;  
high energy inductive coil

**Gears**

**Clutch** Centrifugal

**Chassis** Double cradle in high-tensile steel tubes

**Front Suspension** 41 mm Telescopic Hydraulic Forks

**Rear Suspension** Two dual effect hydraulic dampers, four-position coil spring

**Wheel Size** Front: 110 / 70, 16" Rear: 150 / 70, 14"

**Front Brake** Twin stainless steel discs 260 mm with fixed twin piston calipers 32-34 mm left and right respectively

**Rear Brake** Stainless steel disc 240 mm with fixed opposed pistons 34 mm

**Length/Width/Wheelbase** 87.2" (2,215 mm) / 30.3" (770 mm) / 61" (1,550 mm)

**Seat Height** 30.5" (775 mm)

**Dry Weight** 416 lbs (189 kg)

**Type-Approval** EPA and CARB



**PIAGGIO®**



## **BV TOURER 500** Perfect for logging highway miles.

The BV Tourer combines high wheels and a motorcycle-style ride with the comfort and practicality of a scooter to ensure a safe and precise ride.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type** Single-cylinder QUASAR, four-stroke, four-valve, electronic injection, catalysed

**Cylinder Capacity** 244.3cc

**Bore x Stroke** 2.8" x 2.4" (72 mm x 60 mm)

**Max Power at Shaft** 22.5 bhp (16.5 Kw) at 8,250 rpm

**Max Torque** 21 Nm at 6,750 rpm

**Max Speed** 77 mph (125 km/h)

**Fuel / Tank Capacity** Unleaded / 3.2 gallons (12 liters)

**Fuel Supply** Electronic injection system

**Distribution** Liquid

**Cooling System** Port Injected Allia/n type with closed loop system, Lambda sensor in exhaust pipe and three-way double catalytic converter

**Start** Electric (freewheel) with torque limiter

**Gears** "Twist and go" automatic CVT, torque server

**Frame** Twin cradle: tubes in high tensile steel

**Front Suspension** Parallelogram composed of four aluminum arms supporting two steering tubes, cantilevered suspension – Travel: 85 mm

**Rear Suspension** Two dual effect hydraulic shock absorbers and adjustable spring preload – Travel: 110 mm

**Wheel Size** Front: 120 / 70, 12" Rear: 130 / 70, 12"

**Front Brake** Two stainless steel discs, 240 mm and floating caliper with two pistons, 30 mm

**Rear Brake** Stainless steel disc, 240 mm and caliper with opposite pistons, 30 mm

**Rear Brake Length/Width/Wheelbase** 84" (2,130 mm) / 29.3" (745 mm) / 58.6" (1,490 mm)

**Seat Height/Dry Weight** 30.7" (780 mm) / 450 lbs (204 kg)

**Type-Approval** EPA and CARB



**PIAGGIO®**



**MP3 250 The ultimate city navigator.**

The MP3 250 redefines the entire concept of ride stability. With three ground contact points and a shock absorber on each wheel, the MP3 swallows bumps with incredible efficiency.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type**

Single-cylinder MASTER, four-stroke, four-valve, electronic injection, catalysed

**Cylinder Capacity**

398,9cc

**Bore x Stroke**

2.7" x 3.3" (69 mm x 85.5 mm)

**Max Power at Shaft**

34 hp (25 Kw) at 7,550 rpm

**Max Torque/Speed**

37 Nm at 5,000 rpm / 88 mph (142 km/h)

**Fuel / Tank Capacity**

Unleaded / 3.2 gallons (12 liters)

**Fuel Supply**

Electronic injection system

**Cooling System**

Liquid

**Ignition**

Electronic inductive discharge, integrated variable timing

**Start**

Electric (freewheel) with torque limiter

**Gears**

"Twist and go" automatic CVT

**Frame**

Twin cradle made of high-strength steel tubes

**Front Suspension**

Parallelgram composed of four aluminum arms supporting two steering tubes, cantilevered suspension - Travel: 85 mm. Electro-hydraulic suspension locking system

**Rear Suspension**

Two dual effect hydraulic shocks, four-position spring preload. Travel: 110 mm

**Wheel Size**

Front: 120 / 70, 12" Rear: 140 / 70, 14"

**Front Brake**

Two stainless steel discs, 240 mm and floating caliper with two pistons, 30 mm

**Rear Brake**

240 mm stainless steel disc, large-piston floating caliper with two pistons 22 mm

**Length/Width/Wheelbase**

85" (2,180 mm) / 29.3" (745 mm) / 61" (1,550 mm)

**Seat Height/Dry Weight**

30.9" (785 mm) / 538 lbs (244 kg)

**Type-Approval**

EPA and CARB



**PIAGGIO®**



**MP3 400 The perfect commute.**

The bike redefines the entire concept of ride stability. With three ground contact points and a shock absorber on each wheel, the MP3 swallows bumps with incredible efficiency.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)

**Engine Type**

Single-cylinder MASTER, four-stroke, four-valve, electronic injection, catalysed  
492.7cc

**Cylinder Capacity**

2.8" x 3.7" (71.12 mm x 94 mm)

**Bore x Stroke**

40 hp (29.4 Kw) at 7,250 rpm

**Max Power at Shaft**

42.23 Nm at 5,550 rpm / 89 mph (143 km/h)

**Max Torque/Speed**

Unleaded / 3.2 gallons (12 liters)

**Fuel /Tank Capacity**

Electronic Injection System

**Cooling System/Gears**

Liquid / "Twist and go" automatic CVT

**Ignition**

Electronic inductive discharge and variable spark advance in electronic unit with electronic immobilizer.

**Start**

Fuel pump shutoff when bike tips over, two spark plugs Electric (freewheel) with torque limiter

**Frame Front Suspension**

Double cradle trellis made of high strength steel tubes Parallelogram composed of four aluminum arms supporting two steering tubes, cantilevered suspension - Travel: 85 mm. Electro-hydraulic suspension locking system Oscillating engine fixed to frame with swingarm and two dual effect hydraulic shock absorbers with four-position spring preload. Travel: 110 mm

**Rear Suspension**

Front: 120 / 70, 12" Rear: 140 / 70, 14"

**Wheel Size**

Stainless steel double disc, 240 mm, two-piston caliper

**Front Brake**

Stainless steel disc, 280 mm, floating two-piston caliper

**Rear Brake**

85" (2,160 mm) / 30.5" (775 mm) / 61" (1,550 mm)

**Length/Width/Wheelbase**

30.9" (785 mm) / 538 lbs (244 kg)

**Seat Height/Dry Weight**

EPA and CARB



**PIAGGIO®**



### MP3 500 The jaw-dropping adventure.

Innovation goes extreme in this MP3, with its 500cc, electronic injection Master engine. The MP3's revolutionary parallelogram front suspension ensures impeccable road holding in all riding conditions.

[PIAGGIOUSA.COM](http://PIAGGIOUSA.COM)