



NEW PIAGGIO FLY

**Style, comfort and safety on two wheels in the most classic Piaggio style.
The new Piaggio Fly is mobility for all. Anywhere in the world.**

The new Piaggio Fly is the most modern heir to the great Piaggio tradition as the first European scooter manufacturer and leader in the search for easy and elegant solutions to provide mobility for all.

Piaggio Fly is the global scooter from Piaggio, designed and manufactured for the entire world. Easy and safe, from the very first version Fly has embodied the spirit of Piaggio, one of the great global players in the scooter sector, whose mission is to meet the needs and desires of extremely wide ranges of users in every country in the world.

Now **Piaggio Fly** has been reborn with an elegant style, completely revamped and in proverbial **ease of use** fashion, it provides new features of **convenience, protection** and **safety**, worthy of a much larger scooter.

The new **Piaggio Fly** now aims to be the scooter that combines functionality and simplicity of use with the elegance of Italian design. The new Fly intends to bear the technical values and the design style which make Piaggio vehicles stand out in the world. It is the two wheeled vehicle of a thousand uses and a thousand spirits, always at ease in any situation which city life may bring, from commuting to school and work to spending free time with friends in the most glamorous parts of the city.

One of the most stimulating challenges, even for a leader like Piaggio, is to characterise with **attractive lines** and add exciting content to a project conceived and designed in for daily mobility. The strong aesthetic personality and absolute coherence with the Brand's family feeling is the path Piaggio designers chose to characterise the new **Fly**, and from this a vehicle was born which aims to be the faithful "accomplice" with which you can take on daily life in the city, an accomplice that knows how to express a clear personality and strong aesthetic recall to the elegant lines of the Piaggio range.

DESIGN

The **new Fly** is the expression of a new concept in functionality where the balance of volumes generates usable spaces comparable to those of a mini GT.

The **elegant and Italian style** can be seen in the carefully designed and painted surfaces, in the attractive and chromium details and in how even the smallest details are handled.

Compact size, ideal for beating city traffic, goes hand in hand with modern and personal lines that convey solidity and the image of a small Gran Turismo scooter, agile and comfortable.

The new Fly embodies all the elements of style from recent Piaggio production, **softness and a dynamic character** blend perfectly in lines which are reassuring and never boring. Volumes and proportions have been handled decisively by the **designer's** pen and the result is a **strong dynamic character** of the lines which emphasise the **liveliness** of Piaggio's newest arrival.

The **front end** is **prominent and penetrating**, still characterised by the "tie" that is elegantly black on the **Fly**. The handlebar hosts a triangular shaped headlight surrounded by a chromium frame which connects it to the instrument panel, refined by a glossy black brow.



The **low saddle** is comfortable and provides **easy seating** for riders of any height, as well as concealing a spacious helmet compartment. The footrest provides space to stretch out the legs, all to the advantage of the rider's **convenience** and **comfort**. The whole package is characterised by painstaking attention to details, matches and finishing with **chromium plated elements**. The wheel rims are made up of 5 rolling and doubled silver coloured spokes, just like the front fork and the transmission housing.

The slender rear is completed with a metallic silver **luggage carrier** and a single light assembly that includes turn indicators and rear light to give the vehicle's rear end a sleek and light look.

RATIONALITY AND FUNCTIONALITY

The **fuel tank** has been placed under the footrest, an extremely **rational** solution to ensure that no capacity is sacrificed and that the **load potential** in the **helmet compartment** increases, able to accommodate 2 demi-jet helmets with visors.

Piaggio Fly was designed for maximum convenience. This is why the **passenger footrests** are extractable in order to improve the comfort and usability of the vehicle. And as a homage to safety, Fly is equipped with **two stands, one of which has an ignition inhibitor**: in fact, in addition to the classic centre stand, which ensures maximum stability with the vehicle parked, there is a convenient side stand which can be used very easily for brief stops equipped with an engine stop sensor. With the side stand down the starter is inhibited, thereby preventing the risk of riding with the stand down.

Compact size is a precious quality for a scooter destined primarily for city use: the **new Fly** provides greater usability thanks to the riding triangle which was designed to facilitate access by riders of any size; the **two-seater saddle** is just 760 mm off the ground and allows safe access to the ground for any size rider.

Maximum use was made of the available spaces: besides the spacious helmet compartment, the **compartment in the back shield** can be used to store day to day items (wallet and mobile phone), while the **convenient bag-hook** folds out of the saddle; last, but not least, the wide footrest allows larger objects to be transported. The luggage carrier, which also serves as a hand grip for the passenger, provides the possibility of installing a **spacious top box** as well.

FRAME, CHASSIS AND SAFETY

The Piaggio Fly **frame** is completely new, made with steel piping and pressed and welded reinforcements: an **open single cradle structure**, rigid and resistant to bends and torsion, which guarantees **precision** and **riding safety**.

The new Fly has an **hydraulic telescopic fork** with 32 mm stanchions while the rear wheel works on a mono shock absorber which, in accordance with the most classic scooter philosophy, uses the engine as the oscillating element.

The 12" wheels and the wide, tubeless tyres (120/70 on the front and back) complete the high level chassis, ensuring excellent overall balance and agility fit for traffic.

The braking system is made up of a large diameter **front disc brake** (220 mm) served by a double piston floating calliper, assisted by a drum brake (140 mm diameter) working on the rear wheel.



ENGINES

The **50 cc 4-stroke, 4 valve engine** that powers the new Fly is parsimonious in fuel consumption and quick at the same time. It is a modern power train developed to combine performance and respect for the environment, priority requirements in a scooter destined for city commuting

The 50 cc, thanks to the use of 4 valve timing, boasts the brilliance of the two stroke "little 50's" but the fuel economy and emissions remain those of a 4 stroke engine. The thermal part and the timing were optimised with the intention of reaching higher rpms safely and easily, thereby achieving greater power. Improved through-flow, also the result of the **new four valve head**, translates to optimised combustion, **reduced fuel consumption** and **lower than ever emissions**.

Colours:

- Perla white
- Ibis red
- Blue Midnight
- Cosmo black

Accessories:

- Top box kit for flip up helmet
- Windscreen
- Anti-slip foot board mat, weather resistant.
- Chromed side perimeter trim
- Electronic antitheft system
- Outdoor vehicle cover with openings to house any posts. Black colour with reflective strip, transparent window for license plate and chain ring covered in PVC, Piaggio Logo
- Universal leg cover, practical to wear. This does not secure to the vehicle but around the rider's waist with a simple closing mechanism. It does not hinder leg movement. Waterproof, internally quilted padding, black colour, AWATECH logo, reflective stripe, pocket, bag included



PIAGGIO FLY 50 4s 4v - Technical Specifications

Engine	Single cylinder, 4-stroke
Engine capacity	49.9cc
Bore / Stroke	39 mm / 41.8 mm
Max. power at crank	3.2 kW at 8250 rpm
Timing system	4 valve Single overhead camshaft
Starter	Electric and kick starter
Lubrication	Wet sump
Fuel supply	Carburettor
Cooling system	Forced air
Gearbox	CVT with torque server
Clutch	Automatic centrifugal dry clutch
Chassis	Single cradle structure in tubular steel with pressed reinforcements
Front suspension	Hydraulic telescopic fork with F32 mm diam. straight stanchions, 76 mm travel
Rear suspension	Hydraulic single shock absorber, travel 73 mm
Front brake	220mm disc with dual-piston floating calliper
Rear brake	F 140mm drum
Front wheel rim	Die-cast aluminium alloy 12" x 3.00
Rear wheel rim	Die-cast aluminium alloy 12" x 3.00
Front tyre	Tubeless 120/70-12"
Rear tyre	Tubeless 120/70-12"
Length	1,870 mm
Width	705 mm
Saddle height	760 mm
Wheelbase	1,345 mm
Fuel tank capacity	6.8 litres (including 1.5 litre reserve)