



Range **2010**

MP3 Hybrid

- The first three-wheeled scooter with a dual petrol/electric powerplant system
- Up to 60 km with one litre of Petrol*
- Capable of up to 60km/l and produces just 40g/km of CO2*
- Up to 20km when in pure electric mode
- 85% more torque than a conventional scooter of the same engine capacity
- Ride-by-Wire with injection system
- Available Spring 2010

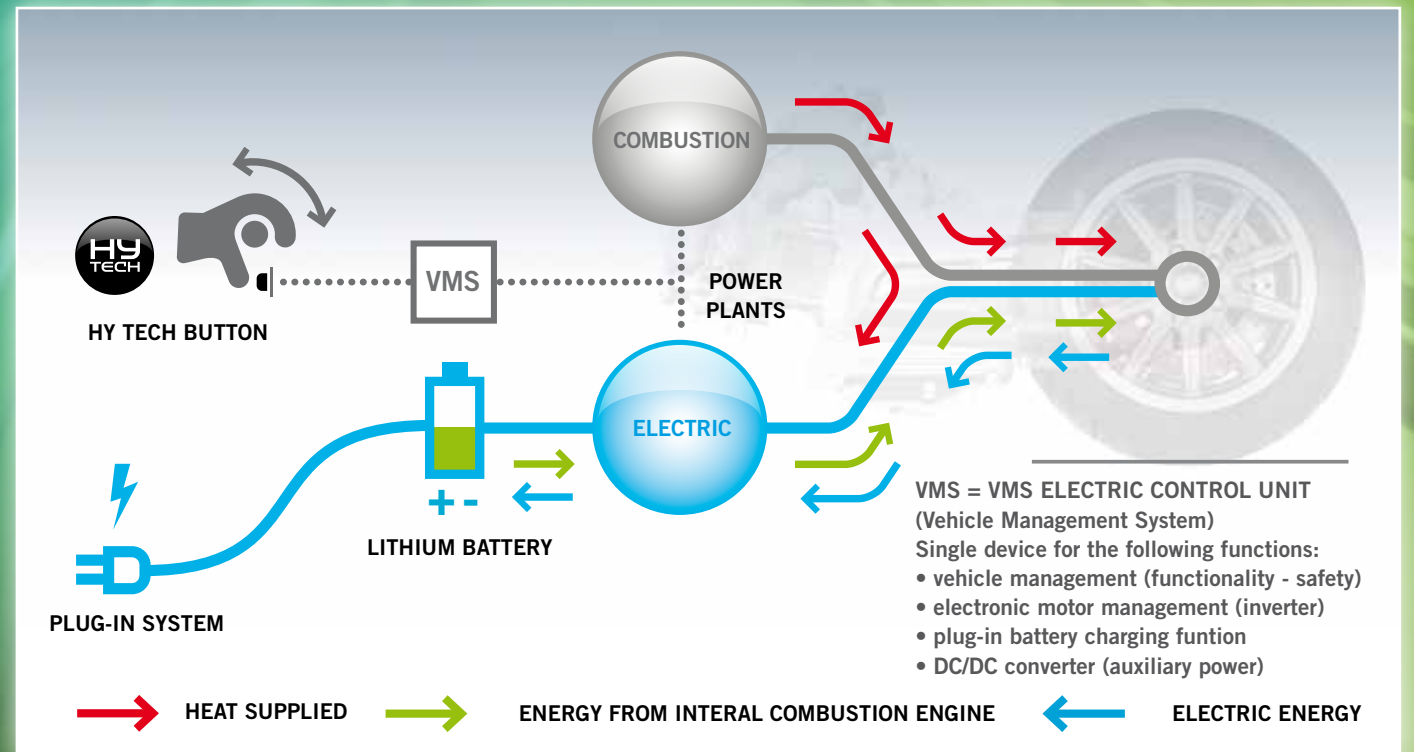


BIANCO PERLA

MP3 Hybrid is the world's first hybrid scooter that uses a lithiumion battery with plug in mains charging capability. Its unique hybrid drive system, developed by the Piaggio Group, combines the power of a combustion engine and the responsiveness of an electric motor. The MP3 Hybrid is the only vehicle with two engines!



*65% use on Hybrid and 35% on Electric



MP3 400 ie / 125 ie

- Piaggio electronically injected engines: 400cc and 125cc
- Ride-by-Wire with injection system (125cc)
- Amazing stability and grip on any road surface thanks to the quadrilateral front suspension
- Large 14" back wheel
- Seat with integrated passenger backrest
- Chrome front grill
- Blue tinted headlamp and windshield
- Extraordinary storage capacity (accessible under the seat and via the rear hatch)
- 3 wheels + 3 disc brakes = 20% more braking power
- Suspension locking system parks the vehicle at the flick of a switch, without the use of a stand

ACCESSORIES

- Comfort Screen (tall)
- Windscreen (standard)
- 48ltr Top Box Kit
- Touring backrest
- Alarm
- Chain lock
- Vehicle cover
- Leg cover

THE VANGUARD IN SCOOTER MOBILITY



NERO COSMO



BLU MIDNIGHT



GRIGIO PULSAR

MP3 is the only scooter of its kind with a unique patented quadrilateral suspension system. The stability of this vehicle is second to none, on every road condition: capable of leaning 40°, the MP3 unites the fun of two wheel travel along with superior road grip, with the MP3 offering improved comfort due to the wider seat and passenger backrest.

MP3



MP3 LT

400ie

- Piaggio electronically injected 400cc engine
- Amazing stability and grip on any road surface thanks to the quadrilateral front suspension
- Extraordinary storage capacity (accessible under the seat and via the rear hatch)
- 3 wheels + 3 disc brakes = 20% more braking power
- Suspension locking system parks the vehicle at the flick of a switch, without the use of a stand
- Combined brake system (through the right pedal)
- Can be ridden with a normal car license

ACCESSORIES

- Comfort Screen (tall)
- Windscreen (standard)
- 48ltr Top Box Kit
- Touring backrest
- Alarm
- Chain lock
- Vehicle cover
- Leg cover

RIDEABLE ON A CAR LICENSE



BLU MIDNIGHT



GRIGIO PULSAR

Piaggio MP3 LT is the first ever scooter above 125cc that can be legally ridden with a normal car license. Derived from the range of revolutionary Piaggio MP3's, the new MP3 LT retains all the characteristics of innovation and fun which have contributed to the success of the first three-wheeled scooter.



MP3 LT



X7 EVO

300 ie

URBAN ENERGY

- Quasar 300ie engine with electronic injection
- Compact and agile for excellent manoeuvrability in traffic
- Dynamic and perfect for tackling city centre traffic with ease
- Stable and superb for handling different road conditions, providing a safer and smoother ride

ACCESSORIES

- Top Box kit
- Windscreen
- Top Box backrest
- Alarm
- Chain lock
- Alarm disc lock
- Vehicle cover
- Leg cover



NERO COSMO



GRIGIO PULSAR

400 ie / 250 ie / 125

XEVO

BUSINESS CLASS



NERO COSMO



BLU MIDNIGHT

- MASTER 400ie single cylinder 4 stroke engine (Euro 3)
- Quasar 250ie engine with electronic injection (Euro 3)
- LEADER 125cc single cylinder 4 stroke engine (Euro 3)
- Extraordinary storage capacity (accessible under the seat and via the rear hatch)
- Ample seating for rider and pillion with comfortable built in padded backrest as standard
- Analogue digital instrumentation
- Remote controlled key to open the seat and the rear hatch

ACCESSORIES

- Windscreen
- 48ltr Top Box Kit
- Alarm
- Chain lock
- Vehicle cover
- Leg cover

LIBERTY 125 / 50 2T

- LEADER 125cc engine
- HI-PER 2 50cc engine
- An ecological and agile ride, perfect for city or country pursuits
- Large 16" wheels to ensure stability and a smooth ride
- Flat foot rest for added rider comfort
- Ample under-seat storage to accommodate a helmet

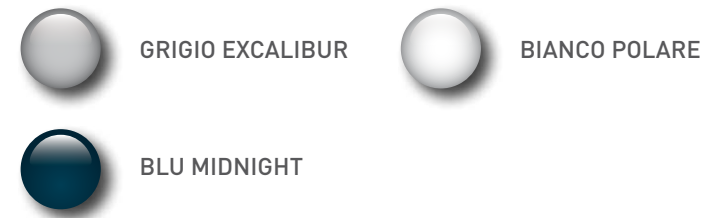
ACCESSORIES

- Windscreen
- 36ltr Top Box Kit
- Alarm
- Chain lock
- Vehicle cover
- Leg cover

THE CITY HAS NEVER BEEN SO EASY



CITY FLYER



125 / 50 2T

FLY

- LEADER 125cc engine
- HI-PER 2 50cc engine
- Respectful to the environment and low fuel consumption
- Wide foot board and low seat height for total comfort
- Under-seat compartment with capacity for a Piaggio helmet
- 12" wheels for an easily manageable ride
- 125cc comes complete with 33 litre top box as standard

ACCESSORIES

- Windscreen
- 33ltr Top Box Kit
- Chain lock
- Vehicle cover

NRG Power

DD

- New 2010 Sporty race-inspired graphics
- Hi-PER 2 50cc engine
- Upside-down forks for outstanding road-holding
- Practical under-seat compartment to hold a helmet
- Digital and analogue instrumentation panel
- Highly-developed braking system with larger discs

ACCESSORIES

- Windscreen
- 28ltr Top Box
- Box fitting kit
- Chain lock
- Vehicle cover
- Leg cover

PURE ENERGY AND POWER



NERO LUCIDO



GIALLO LIME



GRIGIO TITANIO



BIANCO LUNA
SPECIAL SERIES

RIDE LIKE THE WIND



NERO LUCIDO



GRIGIO EXCALIBUR

50 2T

TYPHOON

- Hi-PER 2 50cc engine
- Under-seat compartment with capacity for a Piaggio helmet
- Wide, chunky tyres
- Flat footrest for a secure and stable ride

ACCESSORIES

- 28ltr Top Box
- Rear rack
- Alarm
- Vehicle cover
- Leg cover

ZIP

50 2T

- HI-PER 2 50cc engine
- An ecological ride which respects the environment
- Under-seat compartment with capacity for a Piaggio helmet
- Adjustable seat to three different heights
- 10" wheels for maximum handling ease in city traffic

ACCESSORIES

- Windscreen
- 28ltr Top Box
- Rear rack
- Chain lock
- Vehicle cover

THE CITY - ITS NATURAL ENVIRONMENT



NERO LUCIDO



BIANCO OTTICO



ROSSO DRAGON

TECHNICAL SPECIFICATIONS

| | MP3 HYBRID |
|-------------------------------------|---|
| Internal combustion engine capacity | 124 cc (bore x stroke - 57 x 48.6 mm) |
| Thermodynamic cycle | Otto cycle - 4 stroke |
| Timing System | Single overhead cam, four valves |
| Cooling system | Liquid |
| Ignition system | Inductive discharge digital electronic ignition |
| Hybrid powertrain power | 11 kW (15 CV) at 8,500 rpm |
| Hybrid powertrain torque | 16 Nm at 3,000 rpm |
| Electric motor | Synchronous brushless permanent magnet motor |
| Power supply voltage | Three-phase alternating current |
| Electric motor control | Digitally controlled inverter |
| Electric motor cooling system | Air |
| Electric motor power | 2.6 kW (3.5 CV) |
| Electric motor torque | 15 Nm |
| Drive modes | 4 modes: 2 Hybrid, 2 Electric (including reverse) |
| Battery charge modes | During braking and deceleration on the move and from the mains (battery charge integrated in on-board electronics) |
| Traction battery | Lithium ion batteries |
| Transmission | Variator with centrifugal and torque control |
| Engine control system | Ride-by-Wire with closed loop fuel injection system |
| Exhaust | Catalytic converter |
| Chassis | Double cradle in high strength tubular steel |
| Front suspension | Articulated quadrilateral consisting of four aluminium arms sustaining two steering tubes and pull rod suspension geometry with offset wheel axle |
| Rear suspension | Two dual action hydraulic shock absorbers with adjustable spring preload |
| Front brake | Two 240 mm Ø stainless steel discs and floating calliper with two Ø 30 mm pistons |
| Rear brake | Ø 240 mm stainless steel disc and calliper with horizontally opposed Ø 30 mm pistons |
| Wheel rims | Die-cast aluminium alloy 12" x 300 (Front) Die-cast aluminium alloy 14" x 375 (Rear) |
| Tyres | Tubeless 120/70-12" (Front) / Tubeless 140/60-14" (Rear) |
| Length/Width | 2140 mm / 760 mm |
| Wheelbase/Saddle height | 1490 mm / 780 mm |
| Fuel tank capacity | 12 litres (including 1.8 litre reserve) |
| Consumption | 60 Km/l (2/3 of cycle in hybrid mode – 1/3 in electric mode) |
| CO2 emissions | 40 g/Km (2/3 of cycle in hybrid mode – 1/3 in electric mode) |
| Emissions compliance | Euro 3 |

| | MP3 400 ie | MP3 125 ie | MP3 LT 400 ie | X7 Evo 300 |
|----------------------------|---|---|---|--|
| <i>Capacity</i> | 399cc | 124cc | 399cc | 278cc |
| <i>Engine</i> | MASTER 4 valve, 4 stroke, single cylinder with electronic injection | LEADER 4 valve, 4 stroke, single cylinder with electronic injection | MASTER 4 valve, 4 stroke, single cylinder with electronic injection | QUASAR 4 stroke, 4 valve electronic injection |
| <i>Power</i> | 24 Kw / 7250 rpm | 11Kw / 9750 rpm | 24 Kw / 7250 rpm | 16.4 Kw / 7500 rpm |
| <i>Max Torque</i> | 38 Nm / 5250 rpm | 12 Nm / 8000 rpm | 38 Nm / 5250 rpm | 22Nm / 6500 rpm |
| <i>Cooling</i> | Liquid | Liquid | Liquid | Liquid |
| <i>Starter</i> | Electric | Electric | Electric | Electric |
| <i>Transmission</i> | Automatic twist and go | Automatic twist and go | Automatic twist and go | Automatic twist and go |
| <i>Front Suspension</i> | Parallelogram cantilever | Parallelogram cantilever | Parallelogram cantilever | Telescopic hydraulic fork |
| <i>Rear Suspension</i> | Twin hydraulic shock absorbers with preload adjuster | Twin hydraulic shock absorbers with preload adjuster | Twin hydraulic shock absorbers with preload adjuster | Two dual-effect shock absorbers and four-position spring preload |
| <i>Front Brake</i> | Double Ø 240mm disc | Double Ø 240mm disc | Double Ø 240mm disc | Ø 260mm disc |
| <i>Rear Brake</i> | Ø 240mm disc | Ø 240mm disc | Ø 240mm disc | Ø 240mm disc |
| <i>Front Tyre</i> | Tubeless 120/70-12" | Tubeless 120/70-12" | Tubeless 120/70-12" | Tubeless 120/70-14" |
| <i>Rear Tyre</i> | Tubeless 140/70-14" | Tubeless 140/60-14" | Tubeless 140/70-14" | Tubeless 130/70-12" |
| <i>Running weight</i> | 253kg | 218kg | 253kg | 161kg |
| <i>Length/Width/Height</i> | 2180mm / 745mm / 1255mm | 2140mm / 745mm / 1350mm | 2180mm / 745mm / 1350mm | 2070mm / 760mm / 1370mm |
| <i>Fuel Tank Capacity</i> | 12 litres | 12 litres | 12 litres | 12 litres |
| <i>Emmissions</i> | Euro 3 | Euro 3 | Euro 3 | Euro 3 |
| <i>Colours</i> | Nero Cosmo, Grigio Pulsar, Blu Midnight | Nero Cosmo, Grigio Pulsar, Blu Midnight | Blu Midnight, Grigio Pulsar | Nero Cosmo, Grigio Pulsar |

| | X Evo 400ie | X Evo 250 | X Evo 125ie | Liberty 125 |
|----------------------------|---|--|--|---|
| <i>Capacity</i> | 399cc | 244cc | 124cc | 124cc |
| <i>Engine</i> | MASTER 4 stroke, single cylinder engine with electronic injection | QUASAR, 4 stroke, 4 valves with electronic injection | LEADER 4 stroke single cylinder | LEADER 4 stroke single cylinder |
| <i>Power</i> | 24 Kw / 7250 rpm | 15.7 Kw / 8500 rpm | 11Kw / 9750 rpm | 11 Kw / 9750 rpm |
| <i>Max Torque</i> | 38 Nm / 5250 rpm | 20.1 Nm / 6500 rpm | 12 Nm / 8000 rpm | 12 Nm / 8000 rpm |
| <i>Cooling</i> | Liquid | Liquid | Liquid | Air |
| <i>Starter</i> | Electric | Electric | Electric | Electric |
| <i>Transmission</i> | Automatic twist and go | Automatic twist and go | Automatic twist and go | Automatic twist and go |
| <i>Front Suspension</i> | Telescopic hydraulic fork | Telescopic hydraulic fork | Telescopic hydraulic fork | Telescopic fork with hydraulic damping |
| <i>Rear Suspension</i> | Two dual-effect shock absorbers and four-position spring preload | Two dual-effect shock absorbers and four-position spring preload | Two dual-effect shock absorbers and four-position spring preload | Single spring with preload hydraulic damper |
| <i>Front Brake</i> | Double Ø 240mm disc | Ø 260mm disc | Ø 260mm disc | Ø 220mm disc |
| <i>Rear Brake</i> | Ø 240mm disc | Ø 240mm disc | Ø 240mm disc | Ø 140mm disc |
| <i>Front Tyre</i> | Tubeless 120/70-14" | Tubeless 120/70-14" | Tubeless 120/70-14" | Tubeless 90/80-16" |
| <i>Rear Tyre</i> | Tubeless 140/70-14" | Tubeless 130/70-12" | Tubeless 130/70-12" | Tubeless 110/80-14" |
| <i>Running weight</i> | 171kg | 171kg | 161kg | 114kg |
| <i>Length/Width/Height</i> | 2184mm / 760mm / 1390mm | 2070mm / 760mm / 1370mm | 2070mm / 760mm / 1370mm | 1935mm / 740mm / 1325mm |
| <i>Fuel Tank Capacity</i> | 12 litres | 12 litres | 12 litres | 6 litres |
| <i>Emmissions</i> | Euro 3 | Euro 3 | Euro 3 | Euro 3 |
| <i>Colours</i> | Nero Cosmo, Blu Midnight | Nero Cosmo, Blu Midnight | Nero Cosmo, Blu Midnight | Bianco Perla, Grigio Pulsar |

| | Liberty 50 | FLY 125 | FLY 50 |
|---------------------|---|--|---|
| Capacity | 49cc | 124cc | 49cc |
| Engine | HI-PER 2 Stroke single cylinder | LEADER 4 stroke single cylinder | HI-PER 2 Stroke single cylinder |
| Power | 3.1 Kw / 6500 rpm | 11 Kw / 9750 rpm | 2.5 kw / 6500 rpm |
| Max Torque | 4.5 Nm / 8000 rpm | 12 Nm / 8000 rpm | 3.48 Nm / 8000 rpm |
| Cooling | Air | Air | Air |
| Starter | Electric and kick starter | Electric | Electric and kick starter |
| Transmission | Automatic twist and go | Automatic twist and go | Automatic twist and go |
| Front Suspension | Telescopic fork with hydraulic damping | Telescopic fork | Telescopic fork |
| Rear Suspension | Single spring with preload hydraulic damper | Twin hydraulic shock absorbers with preload adjuster | Hydraulic shock absorber |
| Front Brake | Ø 220mm disc | Ø 200mm disc | Ø 200mm disc |
| Rear Brake | Ø 140mm disc | Ø 140mm drum | Ø 140mm drum |
| Front Tyre | Tubeless 90/80-16" | Tubeless 120/70-12" | Tubeless 120/70-12" |
| Rear Tyre | Tubeless 110/80-14" | Tubeless 120/70-12" | Tubeless 120/70-12" |
| Running weight | 95kg | 121kg | 107kg |
| Length/Width/Height | 1960mm / 735mm / 1340mm | 1880mm / 735mm / 1150mm | 1880mm / 735mm / 1150mm |
| Fuel Tank Capacity | 6 litres | 7.5 litres | 7.5 litres |
| Emmissions | Euro 2 | Euro 3 | Euro 2 |
| Colours | Bianco Perla, Grigio Pulsar | Grigio Excalibur, Blu Midnight, Bianco Polare | Grigio Excalibur, Blu Midnight, Bianco Polare |

| | NRG Power DD 50 | TYPHOON 50 | ZIP 50 |
|---------------------|--|---------------------------------|--|
| Capacity | 49cc | 49cc | 49cc |
| Engine | HI-PER 2 Stroke single cylinder | HI-PER 2 Stroke single cylinder | HI-PER 2 Stroke single cylinder |
| Power | 3.2 Kw / 7000 rpm | 2.6 Kw / 6500 rpm | 3.1 Kw / 6500 rpm |
| Max Torque | 4.0 Nm / 8000 rpm | 3.1 Nm / 7500 rpm | 4.3 Nm / 7300 rpm |
| Cooling | Liquid | Air | Air |
| Starter | Electric | Electric and kick starter | Electric and kick starter |
| Transmission | Automatic twist and go | Automatic twist and go | Automatic twist and go |
| Front Suspension | Upside down telescopic fork | Telescopic fork | Telescopic fork |
| Rear Suspension | Hydraulic shock absorber | Hydraulic shock absorber | Hydraulic shock absorber |
| Front Brake | Ø 220mm disc | Ø 190mm disc | Ø 175mm disc |
| Rear Brake | Ø 175mm disc | Ø 110mm drum | Ø 110mm drum |
| Front Tyre | Tubeless 120/70-13" | Tubeless 120/90-10" | Tubeless 100/80-10" |
| Rear Tyre | Tubeless 140/60-13" | Tubeless 120/90-10" | Tubeless 120/70-10" |
| Running weight | 99kg | 88kg | 95kg |
| Length/Width/Height | 1790mm / 850mm / 1170mm | 1820mm / 730mm / 1180mm | 1670mm / 680mm / 1215mm |
| Fuel Tank Capacity | 6.5 litres | 5.5 litres | 7.3 litres |
| Emmissions | Euro 2 | Euro 2 | Euro 2 |
| Colours | Nero Lucido, Grigio Titanio, Giallo Lime, Bianco Luna Special Series | Nero Lucido, Grigio Excalibur | Nero Lucido, Bianco Ottico, Rosso Dragon |

PIAGGIOASSIST
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Twelve months roadside recovery on all scooters over 50cc

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PIAGGIOPLUS
INSURANCE SERVICES

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2 YEARS
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All scooters come with a 2 year warranty

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Piaggio recommends


 **PIAGGIO TECHNOLOGY**

Colours and specifications are correct at the time of publishing (January 2010) but are subject to change at anytime, without notice. Please check the latest specification and colour availability with your dealer before you order.



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