



POLICE & MILITARY FORCES 2-Wheeler Italy - EMEA Market & Americas

rev. 3

INDEX

1. **MARKET SCENARIO**
2. **PIAGGIO'S PROPOSAL**
3. **CASE OF SUCCESS**
4. **BACK UP**
5. **CONTACTS**

NOTICE

The following images are for references only, some details might change

1. MARKET SCENARIO



MARKET SCENARIO

The current world wide Police Market:

- 4W car has been still using the main product.
- 2W scooter/bike being smaller than 4W, are used in a tactical operation mission to move in traffic jam, congested area, highway accident etc ...



MARKET SCENARIO

POSITIVE ASPECTS



NEGATIVE ASPECTS



Auto



- Transport capacity till five persons.
- Protection against weathering.

- Poor agility in city traffic.
- High management costs.

Scooter/Moto



- Good agility in city traffic.
- Low management costs.
- Quick response.

- Need A driving licence.
- Poor protection against weathering.

2. PIAGGIO'S GROUP PROPOSAL



PIAGGIO GROUP VEHICLES UNIQUE WINNING POINTS



LIBERTY

- The low weight and the low seat height take the vehicle **maneuverable** and **accessible** to every driver, also to the ones less expert.
- Good road holding thanks to **hight wheels**.
- For 125cc and 150cc models, the **ABS** is standard equipment.



BEVERLY

- The vehicle is **agile** and **maneuverable** both in city traffic and out-of-town.
- The road holding is very good thanks to **hight wheels** and large **width**.



MP3

- Extreme **stability**, **security** and absolute **comfort**, both in urban journey and in long journey.
- Easy to maneuver and park, there is no need the standing.
- Could be driven by a basic **car driving license**.
- The 500cc model is equipped with **reverse gear**.

PIAGGIO MP3 UNIQUE WINNING POINTS

- **Stability and safety:** guaranteed by 3-W both when braking, driving on curves, on sliding roads, potholes ...
- **Keyless:** key with remote control to speed up ignition, starting the vehicle, open seat and fuel cap.
- **Smart phone connectivity:** the 7" display shows phone calls in and out, messages notification, GPS navigation ...
- **Driving licence:** may be driven with basic car driving license in most EU-Countries, being a motorized tricycle.
- **Roll Lock** system: electro-mechanical device which, once activated by the driver, allows to stop/park the MP3 without using the central stand, consequently save time.



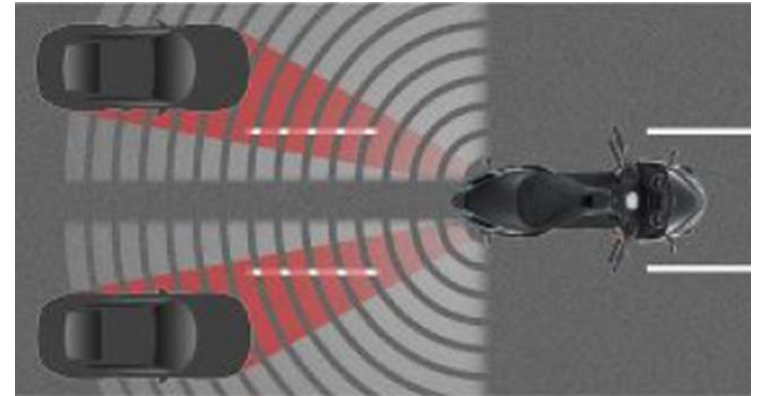
PIAGGIO MP3 530cc HPE UNIQUE WINNING POINTS

The 530cc version has the following unique selling propositions in the scooter world:

- **Reverse gear.**
- **Rear videocamera:** it is activated during reverse gear, and it is shown on the dashboard display 7".
- **BLIS** (Blind Spot Information System): the driver is warned by the 4D radar of the coming vehicles from rear and lateral, that it would be not possible to see them by the rear view mirror.



Rear video camera image



4D Radar

UNIQUE WINNING POINTS SCOOTERS PIAGGIO GROUP



- **Stability and safety:** high wheels or 3 wheels guarantee when driving and braking
- **Specific equipment:** emergency lights, sirens, ECU, cables approved by Piaggio
- **Boxes:** included in the vehicle homologation
- **Service:** Extended Piaggio Service Network in the Market guarantee technical assistance and availability of original spare parts.
- **Weathering protection:** good thanks to the accessories leg cover and handgrip cover.
- **Management costs:** cheap thanks to low fuel consumption and extended maintenance

3. CASE OF SUCCESS



3. SAMPLES OF OUR BEST CASES OF SUCCESS – PIAGGIO MP3



ISRAEL – ARMY
(Piaggio Mp3 500cc)



ISRAEL – POLICE DEPT
(Piaggio Mp3 300cc)



EAU DUBAI – POLICE DEPT
(Piaggio Mp3 500cc)



SPAIN – LOCAL POLICE
(Piaggio Mp3 300cc)



UK - METROPOL POLICE DEPT
(Piaggio Mp3 300cc)



CHINA - POLICE DEPT TRAFFIC POLICE
(Piaggio Mp3 300cc)

4. BACK UP



PIAGGIO NEW LIBERTY 50/125/150cc EURO 5



	50cc	125cc ABS	150cc ABS
Engine	Single-cylinder i-get, 4-stroke, 3-valve		
Engine capacity	49.9 cc	124.6 cc	155 cc
Power	2.2 kW @ 7,750 rpm	8.1 kW @ 8,250 rpm	9.3 kW @ 7,500 rpm
Torque	2.9 Nm @ 6,500 rpm	10.8 Nm @ 6,500 rpm	12.8 Nm @ 6,500 rpm
Cooling system	Forced air		
Lubrication	Wet sump		
Gearbox	CVT automatic with torque server		
Clutch	Automatic dry centrifugal		
Frame	High-strength tubular steel		
Front suspension	Hydraulic telescopic fork		
Rear suspension	Hydraulic single shock absorber		
Front brake	Single disc Ø 240 mm (ABS for 125-150 cc only)		
Rear brake	Drum Ø 140 mm		
Front tyre	90/80 - 16"		
Rear tyre	100/80 - 14"		
Fuel tank capacity	6 l		
Weight in running order	115 kg	124 kg	
Fuel consumption	40 km/l (WMTC cycle)		37 km/l (WMTC cycle)
Length/Width/Wheelbase	1945/690/1370 mm	1945/690/1340 mm	
Seat height	780 mm	790 mm	

Bigger **Windscreen**

Removable **Top box** 32 L



Standard equipment:

- Double seat
- Stickers

Specific accessories:

- Bigger Windscreen with integrated hand-guards
- Removable rear Top box 32 L

PIAGGIO BEVERLY 300/400cc EURO 5



	300 cc ABS-ASR	400 cc ABS-ASR
Engine	Single-cylinder 4-stroke, 4-valve	
Engine capacity	278cc	
Power	19 kW @ 8,000 rpm	
Torque	26 Nm @ 6,250 rpm	
Cooling system	Liquid	
Lubrication	Wet sump	
Gearbox	CVT automatic with torque server	
Clutch	Automatic dry centrifugal	Multiplate wet centrifugal
Frame	Double cradle in high strength tubular steel	
Front suspension	Front telescopic fork	
Rear suspension	Double shock absorber, 4 preload position adjustment	
Front brake	Disc Ø 300 mm twin piston floating calipers - ABS	
Rear brake	Disc Ø 240 mm twin piston floating calipers - ABS-ASR	
Front tyre	110/70 -16"	120/70 -16"
Rear tyre	140/70 -14"	150/70 -14"
Fuel tank capacity	12 l	
Weight in running order	185 kg	195 kg
Fuel consumption	30 km/l (WMTC cycle)	27 km/l (WMTC cycle)
Length/Width/Wheelbase	2125/800/1540 mm	2155/800/1550 mm
Seat height	812 mm	821 mm

Bigger **Windscreen**

Removable **Top box** 36 or 52 L



Standard equipment:

- Double seat
- Stickers
- Flash lights and sirens managed by specific ECU

Specific accessories:

- Bigger Windscreen with integrated hand-guards
- Removable rear Top box 36 L or 52 L

PIAGGIO MP3 300 HPE EURO 5

	300 cc ABS-ASR
Engine	Single cylinder, 4-stroke 4 valves
Engine capacity	278 cc
Power	19,0 kW @ 7.750 rpm
Torque	26,1 Nm @ 6.250 rpm
Cooling system	Liquid
Lubrication	Wet sump
Gearbox	CVT automatic with torque server
Clutch	Automatic dry centrifugal
Frame	Double cradle in high strength tubular steel
Front suspension	Articulated quadrilateral
Rear suspension	Double shock absorber, 4 preload position adjustment
Front brake	Double disc Ø 258 mm - ABS
Rear brake	Disc Ø 240 mm - ABS-ASR
Front tyre	110/70 -13"
Rear tyre	140/60 -14"
Fuel tank capacity	11 l
Weight in running order	225 kg (standard version, non outfitted)
Fuel consumption	31,2 km/l (WMTC cycle)
Length/Width/Wheelbase	2000/800/1450 mm
Seat height	780 mm

Stickers



Front flash led lights and Sirens



Manual rear pole 360° flash led lights



Standard equipment:

- Double seat
- Stickers
- Under seat storage capacity 33 L
- Flash lights and sirens managed by specific ECU

Specific accessories:

- Removable rear Top box 37 L
- Bigger Windscreen

PIAGGIO MP3 400/530cc HPE EURO 5



	400 cc ABS-ASR	530 cc ABS-ASR
Engine	Single cylinder, 4-stroke 4 valves	
Engine capacity	399 cc	530 cc
Power	26.0 kW @ 7,500 rpm	32,5 kW @ 7.750 rpm
Torque	37.7 Nm @ 5,750 rpm	50,0 Nm @ 5.250 rpm
Cooling system	Liquid	
Lubrication	Dry sump	Wet sump
Gearbox	CVT automatic with torque server	
Clutch	Multi-disc oil bath	Automatic dry centrifugal
Frame	Double cradle in high strength tubular steel	
Front suspension	Articulated quadrilateral	
Rear suspension	Double shock absorber, 4 preload position adjustment	
Front brake	Double disc Ø 258 mm - ABS	
Rear brake	Disc Ø 240 mm - ABS-ASR	
Front tyre	110/70 -13"	
Rear tyre	140/70 -14"	
Fuel tank capacity	13.7 l	
Weight in running order	260 kg (standard version, non outfitted)	280 kg (standard version, non outfitted)
Fuel consumption	26,3 km/l (WMTC cycle)	25 km/l (WMTC cycle)
Length/Width/Wheelbase	2.160/815/1580 mm	2.160/815/1550 mm
Seat height	790 mm	



Stickers

Front flash led lights and Sirens

Manual rear pole 360° flash led lights

Alternative solution: 360° flash led lights on Top box



Standard equipment:

- Double seat
- Stickers
- Under seat storage capacity 50 L
- Flash lights and sirens managed by specific ECU

Specific accessories:

- Removable rear Top box 52 L

PIAGGIO GROUP ACCESORIES



PFJ Jet Helmet



Modular Helmet



Bluetooth communication
system



Handgrip covers



Smartphone
support kit

5. CONTACTS

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