



# **FIRST AID**

## **2-Wheeler Italy -**

### **EMEA Market & Americas**

rev. 3

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## NOTE

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

# 1. MARKET SCENARIO



# MARKET SCENARIO

The current world wide first aid market:

- 4W ambulances have been still using the main product, because they have everything for first aid
- 2W scooter/bike are used by paramedic for first aid in traffic jam in congested area (i.e. heart attack, traumatic, neurological, etc...)



# MARKET SCENARIO

## POSITIVE ASPECTS



## NEGATIVE ASPECTS



### Ambulance



- People and material transport capacity.
- Protection against weathering.

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

### Scooter/Moto



- Good agility in city traffic.
- Low management costs.
- Quick response.
- Opportunity to differentiate the type of intervention required.

- Need the standing to parking.
- Impossibility to transport patient.
- Carry few tools.
- Need A driving licence.
- Poor protection against weathering.



## 2. PIAGGIO'S GROUP PROPOSAL



# SCOOTER / MOTO MARKET

## POSITIVE ASPECTS



## NEGATIVE ASPECTS



### Scooter/Moto



- Excellent performance.
- Good agility.

- Need the standing to park.
- Seat high rather high
- Poor weathering protection.
- Need (A) driving licence.

### Piaggio MP3



- Three wheels guarantee greater stability and safety (see 3 brake disc).
- No need the standing to parking.
- Good protection against weathering.
- May be driven also with auto driving licence (B).
- Excellent performance.
- Good agility.
- Reverse gear (for the 530cc model).
- Rear video camera (for the 530cc model).
- BLIS (for the 530cc model).

- Vehicle weight slightly higher.

## PIAGGIO MP3 UNIQUE WINNING POINTS

- **Stability and safety:** guaranteed by 3-W both when braking, driving on curves, on sliding roads, potholes ...
- **Blind Spot Information System BLIS:** the driver is warned of the presence of other vehicles moving back.
- **Reverse gear with camera:** when reverse gear is selected a rear-view camera shows the images back of the driver.
- **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.
- **Service:** Extended Piaggio Service Network in the Market guarantee technical assistance and availability of original spare parts.
- **Specific equipment:** flashing lights, sirens, ECU, cables, approved by Piaggio.
- **Management costs:** cheap thanks to low fuel consumption and extended maintenance.
- **Weathering protection:** good thanks to the accessories leg cover and handgrip cover.





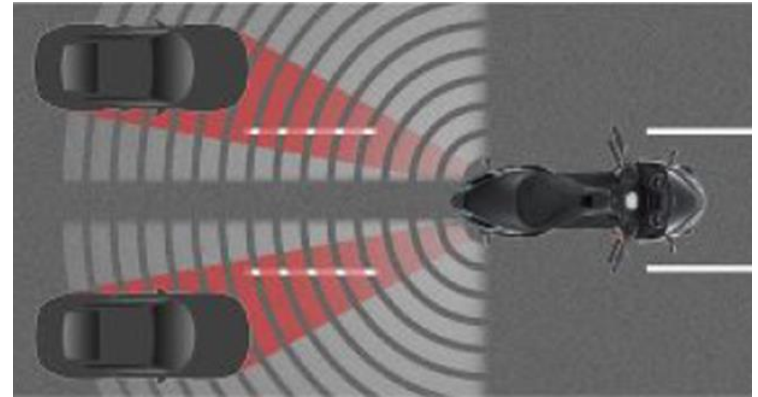
# PIAGGIO MP3 530cc HPE UNIQUE WINNING POINTS

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



Radar 4D

# OPERATIONS BY MOTORCYCLE AMBULANCE PIAGGIO MP3

**A rescue performed within 10 minutes can save a life**

In traffic-congested cities, motorcycles ambulance with paramedics or doctors on board are faster than 4W ambulances.

This advantage may be useful in:

- First aid in accident stabilizing the patient
- Pass the info to HQ for further rescue units (4W ambulance)
- Quick transport of blood, organs, etc ...

The MP3 flexibility takes advantage also to special events support as cycling race, fairs ecc ...



Moto ambulance with driver and rescuer in pedestrian area

## SAMPLE OF MEDICAL EQUIPMENT TO STORE IN PIAGGIO MP3

- Lifepack
- Defibrillators
- Complete medication set
- Collars for immobilization
- Portable aspirator
- Adult/pediatric respiratory kit
- Portable oxygen cylinder
- Variety of medications
- Infusion set
- Sphygmomanometer
- Stethoscope
- Blood glucose detection device
- Host of other medical devices
- Etc...



Lifepak easily fixable to rear seat



The installation of the Lifepack still allows the presence of the driver and passenger on board

## CASES OF SUCCESS





## CASES OF SUCCESS



**UK  
EMERGENCY SERVICE**  
(Piaggio MP3 300cc)



**ISRAEL  
MDA**  
(Piaggio MP3 500cc)



**AUSTRALI-MELBOURNE  
FIRST AID**  
(Piaggio MP3 500cc)

**GEORGIA  
HEALTH MINISTRY**  
(Piaggio MP3 500cc)



# FOCUS ON ISRAEL BEST CASE

## FLEET:

N°650 MP3 500cc of which N° 200 in Tel Aviv

## RESCUE OPERATIONS:

N°10 per day per MP3

## TREATED PATHOLOGIES:

cardiac, traumatological, neurological, intoxications, respiratory

## CALL CODE NAME:

Adult Medical Emergencies, Other Injury, Victims of Violence, Motor Vehicle Collisions, Fire Related Emergencies, Pediatric Medical Emergencies, Women in Labor, Hazardous Materials, Work Related Accidents, Terror Related Incidents

## TRANSPORTED MATERIAL:

defibrillator, collars, complete dressing set, forms, oxygen cylinders, medication set, respiratory kit, infusion set, blood pressure monitor, fundoscopic, oximeter, glucose detection device.

## CREW:

Rescuer-driver



# SAMPLE OF OUR BEST CASES OF SUCCESS

VIDEO



[www.emergency-live.com](http://www.emergency-live.com)

PRESS



## How to obtain a quicker response time? Israeli solution is motorbike ambulance

EMERGENCY LIV... Jun 17, 2019

How vital is quickness in case of emergency? In some congested areas, conventional ambulances do not fit very well to provide emergency care for many reasons. So, how to obtain a quicker response time? Magen David Adom has tested for years...



## Mass events: the role of motorcycle ambulance to improve the response

EMERGENCY LIV... Dec 10, 2019

What advantages does the motorcycle ambulance offer during mass events like Lucca Comics & Games? Here is the case-report of this intense "trial by fire" that Piaggio Mp3 motorbike succeeded with flying colours!

### NOTE:

To watch the video and read the articles click on the images, make sure you have an internet connection

# TEST REPORT - ITALIA

Following average data Test Drive performed in Italy:

- **118 ASL RAVENNA**
- **118 ASL AREZZO**
- **118 ASL PISTOIA**
- **ANPAS LUCCA**

**INTERVENTIONS** (in avg 60 days): 80 of which 40 in red code

**TREATED PATHOLOGIES:** cardiac, traumatological, neurological, gastroenterological, respiratory, intoxications

**TRANSPORTED MATERIAL:** defibrillator, collars, complete dressing set, forms, oxygen cylinders, medication set, respiratory kit, infusion set, blood pressure monitor, fundoscopic, oximeter, glucose detection device

**CREW:** Driver/Rescuer and nurse; Driver/Doctor

**FEEDBACK:** The vehicle is extremely maneuverable in particular in those areas where high traffic density and difficult accesses do not allow 4W ambulances to pass. Excellent drivability, reliability and safety. Very good the system of blocking the front wheels avoiding to use the stand and wasting precious time.



#### 4. BACK UP





# 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 MP3 OTHER ACCESSORIES



Coprigambe



Smartphone  
support kit



Handgrip  
covers



PFJ Jet Helmet



Modular Helmet



Bluetooth communication  
system

## 5. CONTACTS

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