



# **FOOD DELIVERY 2-Wheeler Italy & EMEA Market 2021**



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## NOTICE

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

## MARKET SCENARIO



# MARKET SCENARIO

The current world of FOOD-DELIVERY market:

- Bicycle and E-Bike for very short fare.
- 2W scooter in electric or thermic powertrain for urban area.
- Auto or minivan for suburban area.

The 2W are used in the last mile operations in traffic jam in congested area, they are also convenient than 4W thanks to lower management costs.



# MARKET SCENARIO

**ASPETTI  
POSITIVI**



**ASPETTI  
NEGATIVI**



## Bike/E-bike



- Low management costs.
- Good accessibility in city center.

- Low speed.
- Low weathering protection.

## Electrical/thermal Scooter



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

- Low weathering protection.
- Low load capacity.

## Auto/minivan



- Good load capacity.
- Good weathering protection.

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



## PIAGGIO'S PROPOSAL



## LIBERTY DELIVERY UNIQUE WINNING POINTS

Scooter specifically designer for delivery applications, the key points are:

- **Single seat:** the load is placed towards the central side, that increases driveability and the load capacity.
- **Load capacity:** rear rack payload 40 kg, front rack payload 25 kg, 2W scooter with the best load capacity in the market.
- **High-wheel scooter:** guarantee more **safety** and **stability**.
- **Specific accessories:** insulated food box to keep the food temperature.
- **Homologation:** incudes top boxes and bags.
- **Maintenance:** engine oil change interval once every 10,000 km: Piaggio's engine is more efficient and reduces maintenance costs.
- **Service:** Extended Piaggio Service Network in the Market guarantee technical assistance and availability of original spare parts.



## MYMOOVER UNIQUE WINNING POINTS

Specifically designer scooter for delivery applications, the key points are:

- **Single seat:** the load is placed towards the central side, that increases driveability and the load capacity.
- **Stability and safety:** guaranteed by 3-W both when braking, driving on curves, on sliding roads, potholes ...
- **Load capacity:** 60 kg/261 L on the top box, 25 kg on the front side, Mymoover is the scooter with the best load capacity in the market.
- **Parking:** no need the stand, consequently save time.
- **Maintenance:** engine oil change interval once every 10,000 km: Piaggio's engine is more efficient and reduces maintenance costs.
- **Telemetry:** the vehicle movements and parameters are monitored (Targa Telematic), the cost are optimized and in case of accident it is possible to promptly intervene.
- **Service:** Extended Piaggio Service Network in the Market guarantee technical assistance and availability of original spare parts.





# SCOOTER MARKET - COMPARISON

50 cc				125 cc			
	PIAGGIO LIBERTY DELIVERY	SYM CARGO	KYMC AGILITY CARRY	PIAGGIO LIBERTY DELIVERY	SYM CARGO	PEUGEOT TWEET PRO	KYMC AGILITY CARRY
FRONT RACK [kg]	25	-	5	25	-	-	5
REAR RACK [kg]	40	40	20	40	40	35	20
OIL SUBSTITUTION [km]	10,000	3,000	4,000	10,000	3,000	5,000	4,000
FUEL TANK [l]	7.7	8	5.5	7.7	8	9	6
SEAT HIGHT [mm]	760	790	790	760	790	770	790
FRONT WHEEL	16"	16"	12"	16"	16"	16"	12"
REAR WHEEL	14"	16"	12"	14"	16"	16"	12"
POWER [kW]	2.2	2.2	2.4	8.0	8.5	7.5	6.8

## CASE OF SUCCESS



## SAMPLES OF OUR BEST CASES OF SUCCESS



TELEPIZZA - SPAIN



ScOOtlib - FRANCE



BURGER KING - SPAIN



PIZZA HUT - FRANCE



SUSHI SHOP - FRANCE



DOMINO'S PIZZA - NETHERLANDS



## BACK UP



# PIAGGIO LIBERTY DELIVERY EURO 5

	50 cc	125cc CBS
Engine	Single cylinder i-get, 4-stroke 3 valves	
Engine capacity	49 cc	124 cc
Power	2.2 kW @ 7,500 rpm	8.0 kW @ 7,500 rpm
Torque	3.0 Nm @ 6,750 rpm	10.2 Nm @ 6,000 rpm
Cooling system	Forced air	
Lubrication	Wet sump	
Gearbox	CVT automatic with torque server	
Clutch:	Automatic dry centrifugal	
Emissions compliance	Euro 5	
Frame	High-strength tubular steel	
Front suspension	Hydraulic telescopic fork	
Rear suspension	Hydraulic single shock absorber	
Front brake	Single Ø 240 mm disc - CBS	
Rear brake	Drum Ø 140 mm - CBS	
Front tyre	90/80 - 16"	
Rear tyre	110/80 - 14"	
Fuel tank capacity	7.7 l	
Weight in running order	115 kg (single) & 123 kg (double)	126 kg (single) & 134 kg (double)
Fuel consumption ( WMTc)	40 km/l	
Length	1,945 mm	
Width	795 mm	
Wheelbase	1,340 mm	
Seat height	760 mm	



Single rack



Double rack



Rear rack  
Medium size  
\*max 40 Kg



Rear rack  
Large size  
\*max 40 Kg



Front rack  
\*max 25 Kg

\*Payload



# PIAGGIO MYMOOVER 125 cc EURO 5

	125 cc
Engine	Single cylinder i-get, 4-stroke, 4 valves
Engine capacity	124.6 cc
Power	8.0 kW @ 8,750 rpm
Torque	10.0 Nm @ 5,250 rpm
Fuel system	Electronic fuel injection
Cooling system	Liquid
Lubrication	Wet sump
Gearbox	CVT automatic with torque server
Clutch:	Automatic dry centrifugal
Emissions compliance	Euro 5
Frame	High-strength tubular steel
Front suspension	Hydraulic telescopic fork
Rear suspension	Hydraulic single shock absorber
Front brake	Single Ø 240 mm disc - CBS
Rear brake	Double disc Ø 200 mm - CBS
Front tyre	90/80 - 16"
Rear tyre	90/90 - 12"
Fuel tank capacity	10 l
Weight in running order	200 kg
Fuel consumption (WMTc)	37 km/l
Length	2,155 mm
Width	795 mm
Wheelbase	1,380 mm
Seat height	760



Rear box volume: 261 l  
 Rear rack payload: 60 kg  
 Front rack payload: 20 kg  
 Middle bag payload: 5 kg

# PIAGGIO MYMOOVER TARGA TELEMATICS

Mymoover may have “Black box” and “Badge reader” both standard or at a later time as accessory.

La **Black box** collects and sends in real time vehicle data to the head office.

The head office processes these data and sends the report to the customer. An example of processed data are: geolocation, vehicle speed, fuel level, mileage, etc ... The telemetry service is on demand.

With the Premium service it is possible to have maintenance alert, accident notice, fuel consumption, driving style, path report, etc ...

The **Badge reader** is a driver identification system, through which the owner of card, or devices like smartphone, handheld, after the match can drive the vehicle.

Black box e Badge reader are located in the handlebars.



## PIAGGIO LIBERTY DELIVERY ACCESSORIES FOR SINGLE RACK



Windscreen



USB port



Food box  
Capacity: 75 lt



Large food box  
Capacity: 130 lt



Rear utility bag  
Capacity: 37 lt

# PIAGGIO LIBERTY DELIVERY ACCESSORIES FOR DOUBLE RACK



Windscreen with flap



USB port



Food box  
Capacity: 75 lt



Large food box  
Capacity: 130 lt

## PIAGGIO LIBERTY DELIVERY OTHER ACCESSORIES



Handgrip  
covers



GPS  
Tom Tom Vio



Smartphone  
support kit



Smartphone  
support kit



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**THANK YOU**