

# Porter MAXXI



# Porter MAXXI

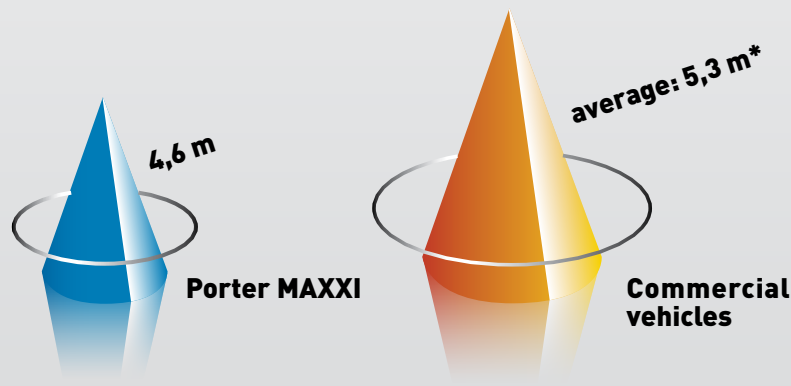
## **COMPACT AND EASY TO MANAGE FOR CLASS-BEATING PROFESSIONAL TRANSPORT**

Up to 1.120 Kg of load capacity and a superlative manoeuvrability that makes it ideal for all city transport needs: Porter Maxxi combines easy handling and drivability with the load capacity of a much heavier, bulkier work vehicle. The vehicle is available in 4 different configurations and may be outfitted in a huge range of special equipment variants: all versions share the same reinforced chassis and dual rear wheels for absolute stability even when fully loaded. Furthermore, the fixed bed and tipper bed variants feature a large, all-flat deck equipped with 40 cm high alloy dropsides and tailboard, with ergonomic retractable handles. The Porter Maxxi range now boasts two new engines developed through Piaggio's ongoing technological research - the D120 diesel and MultiTech petrol. The latter engine also serves as the basis for the two Piaggio EcoSolution low environmental impact solutions range: EcoPower (bifuel petrol/LPG) and GreenPower (bifuel petrol/CNG).



## UNRIVALLED MANOEUVRABILITY

With its compact dimensions making it the perfect choice for city traffic, Porter Maxxi is more agile and manoeuvrable than any other light commercial vehicle available today. The Porter Maxxi range's incredible turning radius - just 4,6 metres compared with a category average of 5,3 metres - is exploited to the full by the innovative EPS (Electronic Power Steering) system, which makes every parking manoeuvre extremely simple and quick and contributes even further to comfort and safety. The limited slip differential comes into play in tricky driving situations, transferring torque to the wheel with more grip. Incredible manoeuvrability and a narrow track mean that Porter Maxxi can easily reach historical city centres, narrow alleys and places that are often inaccessible to other commercial vehicles. Quick, uncomplicated transport: Porter Maxxi is the ideal companion for your commercial transport needs!



### TURNING RADIUS

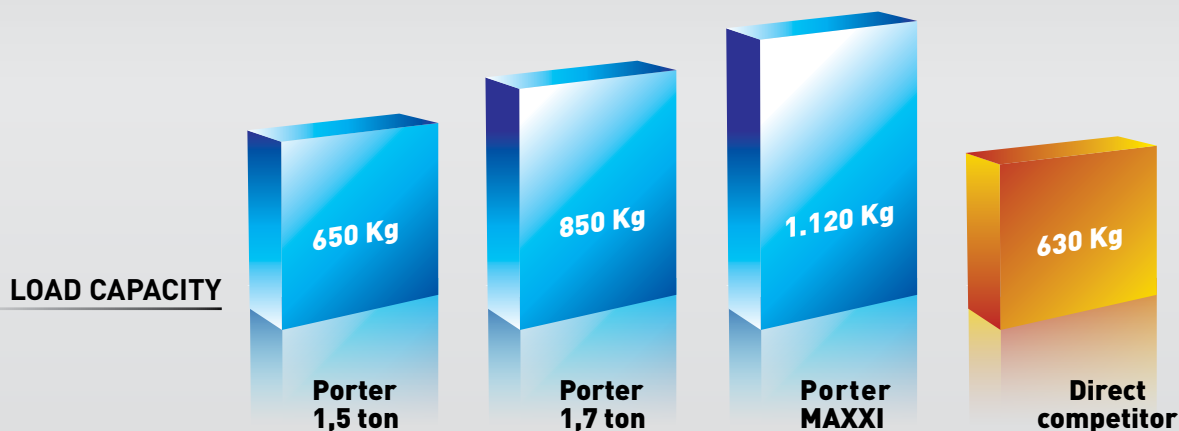
\*average considering vehicles of comparable load capacity

## ENVIRONMENT FRIENDLY POWERTRAINS

Ongoing Piaggio research has developed a range of eco-compatible powertrain choices for the Porter Maxxi. This offers an indisputable advantage in the city and a competitive edge for a commercial vehicle, permitting - where possible - unrestricted access even with traffic restrictions and antipollution measures in place in historical city centres. In addition to the conventional Euro 5 compliant diesel and petrol engines, Porter Maxxi is also offered with a choice of EcoSolution low environmental impact powertrains: EcoPower (bifuel petrol/LPG) and GreenPower (bifuel petrol/CNG).

## INCREDIBLE PAYLOAD CAPACITY

One of the greatest strengths of the Piaggio Porter Maxxi is how it makes use of every inch of space available. Over 50% of the surface of the vehicle is destined for cargo transport, compared with an average of 28% for its rivals. The long deck version offers a maximum load capacity of up to 1.120 Kg. The all-flat load deck features two dropsides and a hinged tailboard and is completely free of obstacles, making loading and unloading extremely easy.



## MANY VERSIONS FOR MANY APPLICATIONS

No other commercial vehicle is as versatile as Porter Maxxi. With a comprehensive range of versions, it caters for every possible transport need.

Deck, with two dropsides and hinged tailboard; Tipper bed (long and short deck), an option offered by no other vehicle this compact; Chassis-cab, a base that can be outfitted with over 50 different custom solutions.

# D120

## THE NEW PORTER MAXXI DIESEL

Porter Maxi D120 has been created to cater for the commercial client transporting heavy loads on particularly challenging routes. The vehicle is powered by the new Piaggio P120 engine, a Euro 5 compliant 1,200 cc common rail turbodiesel with direct injection, EGR (exhaust gas recirculation) and diesel particulate filter. This engine delivers excellent performance in terms of acceleration even when loaded combined with low consumption and running costs, meaning that this version is also ideal for continuous heavy duty operation with heavy special equipment configurations.

### STRENGTHS

- Extremely compact in-line twin-cylinder configuration
- Extraordinary efficiency, with high pressure common rail direct injection, turbocharger and intercooler
- Low emissions, with electronic fuel injection management, exhaust gas recirculation (EGR) and diesel particulate filter (DPF)
- Chain driven valve train for simplified maintenance and reduced running costs

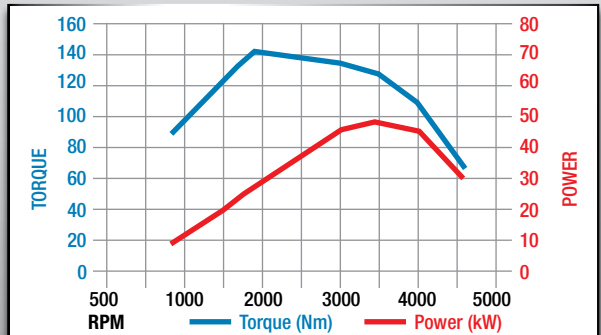




# PIAGGIO P120

Piaggio P120	
Architecture	2 cylinder in-line
Engine capacity	1.201 cc
Fuel system	Common rail direct injection
Compression ratio	17,5:1
Timing system	Single overhead camshaft - 8 valves

Piaggio P120	
Power	47 kW (64 HP) at 3.500 rpm
Max torque	140 Nm at 1.800 rpm
Combined cycle fuel index	5,6 l/100 km
Emissions compliance	Euro 5
CO <sub>2</sub>	148 g/km



# MultiTech

## THE NEW PORTER MAXXI PETROL

The MultiTech engine is the ideal answer for petrol engined commercial applications, offering an efficient, durable and flexible solution that reduces operating and maintenance costs. The 1.300 cc 4-cylinder 16 valve MultiTech engine with double overhead camshafts, chain driven valve train and indirect multipoint electronic fuel injection is fully compliant with Euro 5 standards.

Combined with the compact, sturdy structure of the Porter Maxxi range, this low emissions engine offers the ideal transport solution not only for narrow, twisting streets, but also for the hustle and bustle of city traffic.

### STRENGTHS

- Available as Bifuel variants (petrol/LPG or petrol/CNG), which reduce harmful emissions and facilitate access to limited traffic zones
- Robust, compact and light (crankcase and cylinder head in light alloy)
- Superior comfort, with reduced vibration and noise
- Low running costs
- Reduced number of components for simplified maintenance and increased reliability



**MultiTech**



# PIAGGIO

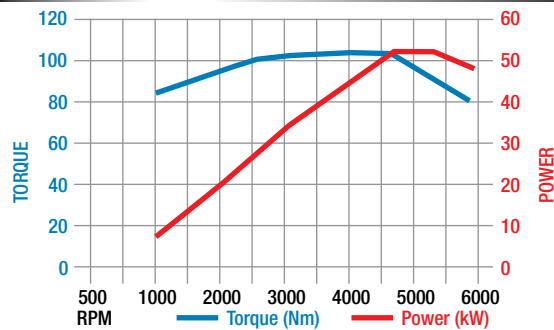
*MultiTech*

## Piaggio MultiTech

Architecture	4 cylinder in-line
Engine capacity	1.308 cc
Fuel system	Multipoint injection
Compression ratio	9,3:1
Timing system	Double overhead camshafts - 16 valves

## Piaggio MultiTech

Power	52 kW (71 hp) at 5.300 rpm
Max torque	105 Nm at 4.300 rpm
Combined cycle fuel index	7,7 l/100 km
Emissions compliance	Euro 5
CO <sub>2</sub>	178 g/km



# EcoPower

## ECOLOGICAL ENGINE: NEW PORTER MAXXI BIFUEL (PETROL/LPG)

The impressive agility and payload capacity of the Porter Maxxi range are further enhanced by the advantages of a low environmental impact, low fuel consumption bifuel powertrain, translating to advantages for both the urban environment and in terms of productivity and profitability. The bifuel (petrol/LPG) capability of the new Piaggio MultiTech 4 cylinder engine, with double overhead camshafts and sequential electronic fuel injection, further extends the range of the vehicle. In addition to being one of the cheapest fuels available today, LPG contains no benzene, while its combustion produces no particulate and only minimal emissions.

### STRENGTHS

- Reduced harmful emissions, with Euro 5 compliance and LPG capability
- Facilitated access to limited traffic zones/zones subject to antipollution traffic restrictions
- Sequential electronic fuel injection, offering extended range
- Reduced fuel costs



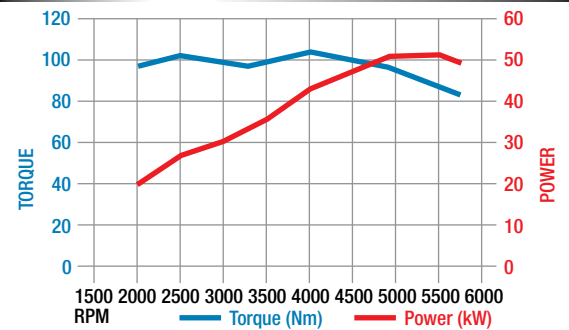


### Piaggio MultiTech Bifuel LPG

Architecture	4 cylinder in-line
Engine capacity	1.308 cc
Fuel system	Sequential fuel injection
Compression ratio	9.3:1
Timing system	Double overhead camshafts - 16 valves

### Piaggio MultiTech Bifuel LPG

Power	51 kW (69 HP) at 5.300 rpm
Max torque	101 Nm at 4.300 rpm
Combined cycle fuel index	10,1 l/100 km
Emissions compliance	Euro 5
CO <sub>2</sub>	164 g/km







# NEW FEATURES, REVISED STYLING

The Porter Maxxi range now comes equipped with more generous standard features, increasing comfort and functionality. The styling has been revised too, with specific details identifying the new powertrain choices: the D120 diesel is identified by a front grille and frame in the new dark grey colour, while these elements are coloured light grey on the MultiTech. The new tinted glass windows offer substantial benefits in terms of cabin temperature control, while the interior upholstery in resilient and washable latest generation materials are ideal for work use.

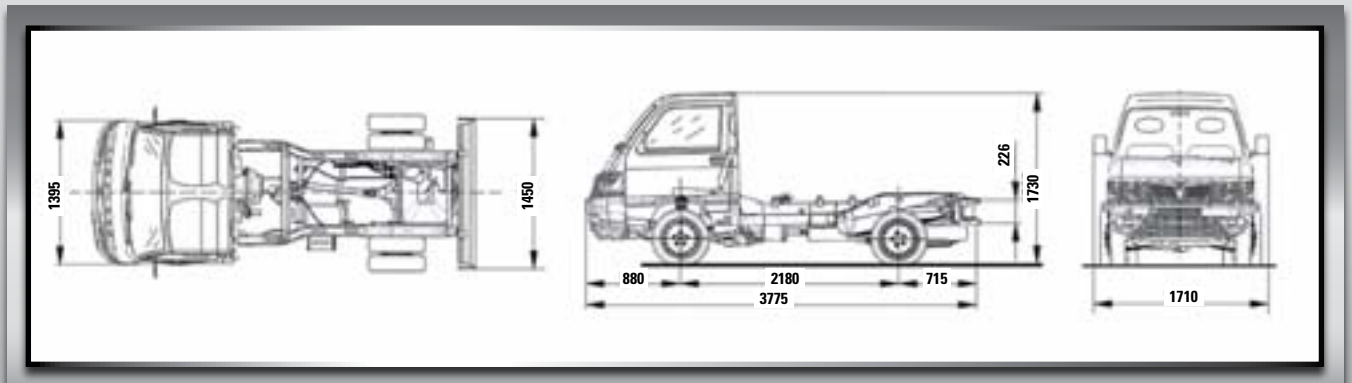
## **THE EXTRA TRIM LEVEL - WHEN ONLY THE BEST WILL DO**

Joining the familiar standard configuration, which offers incredible value for money for its class, is the new Extra version, with more complete levels of equipment to cater for those who demand comfort even when at work. The Extra trim level adds body coloured bumpers with integrated fog lights, electric power windows, electronic antitheft system, central locking and a radio/CD/MP3 player as standard.



# Chassis-cab

Porter Maxxi Chassis-cab is a solid and effective base for outfitting with a multitude of different solutions to cater for the specific needs of a wide variety of applications. A specially designed counterchassis allows extreme flexibility for customisation. The many solutions available include: urban refuse skip, aerial platform, three-sided tipper bed (also available with crane behind cab), motorcycle transporter, mobile billboard, refrigeration cell, mobile vendor stall, urban cleansing, deck with loading gate, gardening kit, removals, mobile workshop, civil protection, refrigeration box and multifunctional water carrying module.





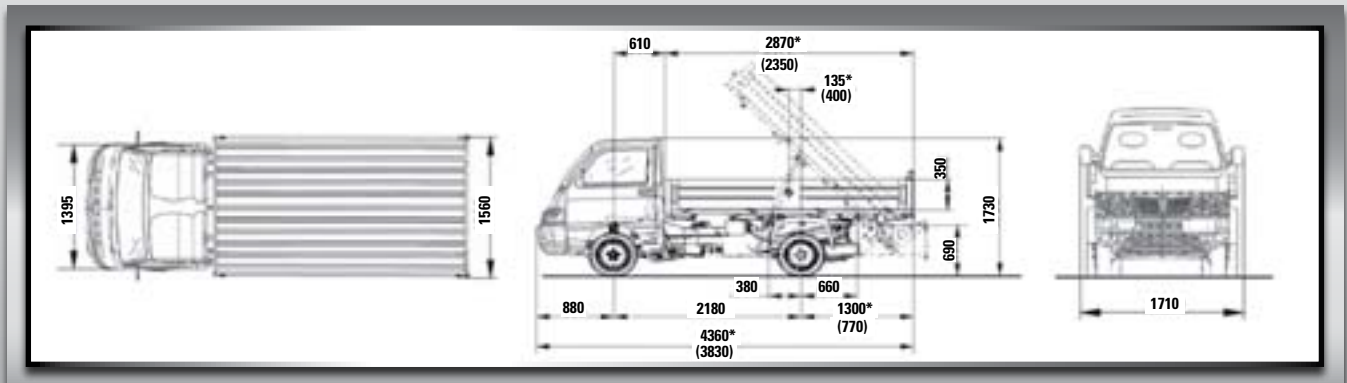
# Fixed deck and tipper bed

## FIXED DECK

An invaluable feature for maximum functionality: extraordinarily compact and easily manoeuvrable, this variant offers outstanding load capacity in a small package. With its all-flat deck optimising space in the load bay, it is ideal for transporting any type of cargo. The two dropsides and hinged tailboard, made from 40 cm high alloy or 30 cm steel panels and featuring practical retractable ergonomic handles, facilitate loading and unloading even when using mechanical loading equipment.

## TIPPER BED

The tipper bed is indispensable for construction businesses as it ensures faster aggregate loading and unloading and reduces manoeuvring and transport times. It also boasts a high-angle hydraulic tipper system, a manually or automatically opening tailboard and an all-flat deck for optimised cargo space.





# Useful Numbers

You're never alone with the Piaggio Commercial Vehicle Service: your companion throughout your working day - you are always our number one priority

## CUSTOMER CARE

Piaggio Commercial Vehicles Customer Care: a service dedicated to identifying your desires and gathering your opinions



## ROADSIDE RECOVERY SERVICE

Piaggio Commercial Vehicles Roadside Recovery: a dedicated service that is always there when you need it, 24 hours a day



# Colour Range



**WHITE SILK**



**ORANGE SUNRISE**



**RED SPRINT**



**BLUE ACTION**



**ROCK SAND**

# Technical Specifications

<b>TECHNICAL SPECIFICATIONS</b>				
	<b>PORTER MAXXI D120</b>	<b>PORTER MAXXI MULTITECH</b>	<b>PORTER MAXXI ECOPOWER</b>	<b>PORTER MAXXI GREENPOWER</b>
<i>Engine</i>	1.201cc diesel, in-line twin cylinder - E5	1.308cc petrol, in-line four cylinders - E5	1.308cc petrol + LPG, in-line four cylinders - E5	1.308cc petrol + CNG, in-line four cylinders - E5
<i>Fuel system</i>	Common Rail	Multipoint injection	Sequential fuel injection	Sequential fuel injection
<i>Max. Power</i>	47 kW (64 HP) at 3.500 rpm	52 kW (71 HP) at 5.300 rpm	51 kW (69 HP) at 5.300 rpm	46 kW (62 HP) at 5.300 rpm
<i>Torque</i>	140 Nm at 1.800 rpm	105 Nm at 4.300 rpm	101 Nm at 4.300 rpm	90 Nm at 4.300 rpm
<i>Cooling system</i>	liquid	liquid	liquid	liquid
<i>Top speed</i>	120 km/h	120 km/h	120 km/h	120 km/h
<i>Drive wheels</i>	Rear	Rear	Rear	Rear
<i>Tyres</i>	165/65 R14	165/65 R14	165/65 R14	165/65 R14

<b>SIZES</b>				
	<b>Chassis-cab</b>	<b>Deck</b>	<b>Tipper Bed</b>	<b>Long Tipper Bed</b>
<i>Length</i>	3.745 mm	4.360 mm	3.830 mm	4.360 mm
<i>Width</i>	1.560 mm	1.560 mm	1.560 mm	1.560 mm
<i>Height</i>	1.730 mm	1.730 mm	1.730 mm	1.730 mm
<i>Wheelbase</i>	2.180 mm	2.180 mm	2.180 mm	2.180 mm
<i>Front overhang</i>	850 mm	850 mm	850 mm	850 mm
<i>Rear rear overhang</i>	715 mm	1.300 mm	770 mm	1.300 mm
<i>Front track</i>	1.212 mm	1.212 mm	1.212 mm	1.212 mm
<i>Rear track</i>	1.206 mm	1.206 mm	1.206 mm	1.206 mm

## LOAD CAPACITY

MASSES AND LOAD CAPACITY		Chassis-cab	Deck	Tipper Bed	Long Tipper Bed
GVW 2,2 tonnes	Porter Maxxi MultiTech	*	1.120	1.060	1.040
	Porter Maxxi EcoPower	*	1.070	1.010	990
	Porter Maxxi D120	*	1.100	1.050	1.035


\*dependent on limitations of special equipment configuration

The manufacturer reserves the right to modify technical specifications and visual appearance without prior notice.  
Only original Piaggio spare parts offer a guarantee of quality and ensure that your vehicle continues to function as intended by the manufacturer.


for all Piaggio vehicles


**2 YEAR**  
warranty


as indicated in the informative material


 COMPANY WITH QUALITY SYSTEM CERTIFIED BY UNI ISO 9001


 Piaggio recommends eni agip products


 The trademark PIAGGIO is the property of


 PIAGGIO & C. s.p.a.


 00800-38848800

DEALER'S STAMP



[www.piaggiocommercialvehicles.com](http://www.piaggiocommercialvehicles.com)