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## THE ALL-NEW TOYOTA PROACE MAX

- Proace Max marks Toyota's first entry into the European heavy duty van market
- Introduction completes a comprehensive line-up of Toyota Professional light commercial vehicles
- Battery electric powertrain option with driving range of up to 260 miles (WLTP standard)
- Turbodiesel powertrain also available, with manual or automatic transmission,
- Range offers four different configurations of height and length to cover a wide range of customer storage capacity, load carrying and towing capability requirements
- Extensive range of vehicle conversion possibilities, including factory-delivered crew cab, tipper and dropside versions; platform cab and chassis cab also available
- Modern Proace family styling and contemporary equipment specifications

The all-new Toyota Proace Max combines powerful load carrying and class-leading capacity with efficient performance and a powerful, robust design.

As Toyota's first heavy duty van (HDV) in the UK and Europe, it joins the updated Proace, Proace City and Hilux to complete a comprehensive Toyota Professional portfolio of light commercial vehicles.

In common with all other models in the Proace family – the Proace medium-duty van, compact Proace City and the Verso people carrier models – Proace Max is available with a battery electric powertrain that brings responsive performance, ride comfort and high-capacity haulage in a variety of configurations suitable for any task, without sacrificing practicality or reliability.

The electrification of its light commercial range emphasises Toyota's multi-path technology strategy towards carbon neutrality. Toyota believes that all customers, including those purchasing vehicles for commercial use, should have access to a variety of affordable and practical options to accelerate the pace of CO<sub>2</sub> reduction today and contribute to a transition to zero emission mobility in the future.

In addition to its load-carrying and performance qualities, Proace Max presents a striking exterior design, focused on a new frontal treatment that creates a new Proace family identity.

The multimedia offering includes a new 10-inch touchscreen and seven-inch colour TFT instrument display, (full details of the infotainment and connectivity features are provided in the multimedia section below).

To ensure that the widest possible range of customers is catered for, Proace Max offers conversion options, both factory-delivered and bespoke adaptations by Toyota-authorized specialists. Similarly, a wide range of accessories is available to suit different user and business needs.

## VERSATILITY AND EXCEPTIONAL LOADING CAPACITY

The all-new Proace Max line-up gives customers a breadth of choice when it comes to selecting the size of vehicle that best suits their needs, together with numerous conversion possibilities.

In full van format there are four different sizes to choose from, based on two wheelbase options (3,450mm and 4,035mm), three lengths (5,413mm, 5,998mm and 6,363mm) and two heights (2,524mm and 2,764mm). These combinations provide cargo area volume from 11.5m<sup>3</sup> to 17m<sup>3</sup>, with space enough to comfortably carry up to five Euro pallets. For the first time on a Toyota van, the rear doors open to 270 degrees for easy loading of large items.

To put the load capacity into context, the L4 H3 Proace Max offers three times the load volume of the largest Proace medium-duty van.

<b>PROACE MAX</b>	<b>L2 5,413mm Diesel</b>	<b>L3 5,998 mm BEV/diesel</b>	<b>L4 6,363 mm BEV</b>
<b>H2 2,524 mm</b>	✓	✓	x
<b>H3 2,764 mm</b>	x	✓	✓

The panel vans are just one element in the Proace Max story: it is also available in factory-built tipper and dropside configurations (see below for further details on conversion options).

Gross vehicle weight is 3,500kg for the diesel models and 4,250kg for the battery electric variants. The battery electric Proace Max matches the best in its class with up to 1,460kg payload capacity and 2,400kg towing capability. With diesel power, the maximum payload is up to 1,400kg and the towing capacity up to 2,500kg, depending on the combination of vehicle length and height.

## **POWER AND EFFICIENCY WITH NEW BATTERY ELECTRIC POWERTRAIN**

A high-performance battery electric powertrain provides the Proace Max with the power, comfort and cost efficiency of electric driving. The system produces 200kW (268bhp/272 DIN hp) of power and 410Nm of torque, giving the vehicle the muscle to take the toughest jobs in its stride.

With a driving range of up to 260 miles (WLTP standard), the Proace Max is comfortably able to cover typical daily duties. The driver can adjust performance with three drive modes to suit their requirements, using a button next to the shift selector on the console:

- **ECO** mode optimises the driving range, limiting power output to 120kW (161bhp/163 DIN hp).
- **NORMAL** mode provides a good balance between power and efficiency, restricting output to 160kW (215bhp/218 DIN hp).
- **POWER** mode puts the emphasis on out-and-out performance, enabling the system to deliver its full 200kW (268bhp/272 DIN hp) potential.

Further benefits can be gained from the regenerative braking system. This captures kinetic energy generated during deceleration and braking and feeds it back as electric power to charge the battery.

The driver can select their preferred level of regenerative braking using paddle shifts behind the steering wheel. There are four levels to choose from, giving different degrees of deceleration when the driver lifts off the accelerator pedal. The higher the level, the faster the vehicle will slow down and the greater the level of energy that will be recovered.

The 110kWh lithium-ion battery can be recharged to 80 per cent in as little as 55 minutes when using a 150kW fast-charging system, helping ensure vehicle down-time is minimised.

The vehicle has an 11kW AC onboard charger to support business and home charging overnight or when parked up for longer periods.

## **DIESEL POWERTRAIN**

The turbodiesel engine option is a 2.2-litre 140 unit producing a maximum 138bhp (103kW/140 DIN hp). Six-speed manual or eight-speed automatic transmission can be specified, giving maximum torque of 350Nm and 280Nm respectively. Gross vehicle weight for all diesel versions is 3.5 tonnes; GVW is 4.25 tonnes for the electric models, which qualify for Government funded grant support towards the purchase cost.

CO<sub>2</sub> emissions are from 198g/km, equalling best-in-class performance. All Proace MAX models have front-wheel drive, in common with most other models in the large van market.

## **CONVERSIONS AND CUSTOMISATION**

To help customers obtain a vehicle that's perfectly match to their business needs, a network of local authorised converters is being established to undertake conversions and customisations. The authorisation process verifies that the quality standards applied for the conversion work is in line with Toyota's own standards.

### **Body types**

In addition to the regular panel van, the factory can supply incomplete vehicles which the customer can have modified to their specific requirements. These are a chassis cab and platform cab, with the L3 4,035mm wheelbase.

The Proace Max is the first Proace model to be made available in chassis cab form, creating the potential for a wide range of different bodies and conversions. The platform cab has no bulkhead, so is appropriate for minibus or box van conversions.

The factory also produces the dropside and tipper conversions. Furthermore, all factory conversions benefit from the same manufacturer warranty protection as the Proace Max panel vans.

## **Conversions and customisation**

Customers can ensure their vehicle is perfectly matched to their business requirements with conversion and customisation undertaken by authorised local converters working to certified Toyota standards. For a smooth, time-saving process, vehicles can be shipped direct from the factory to the customer's chosen converter.

## **ACCESSORIES**

From the start of sales, a wide range of accessories are available to enhance load carrying, security, protection for the load space and practicality.

The load capacity can be increased with a roof platform and rear ladder, while the interior can be fitted out with range of racking and shelving systems. With the benefit of a high roof option, the space can be transformed into a mobile workshop, with power supply options.

Wood and polypropylene (up to 50 per cent lighter than wood) linings can be specified and attachment rails and cargo straps can be added to keep items secure. A wood ply-lining is standard, but can be deleted to suit customer preference (with a £200 reduction in the vehicle's OTR price). There's also a selection of enhanced security locks to choose from, together with tow hitch options for customers needing to pull trailers.

For the electric versions, cable bags and wallbox chargers are available.

## **COMPREHENSIVE SAFETY AND DRIVER ASSISTANCE SYSTEMS**

An extended range of Toyota safety technologies is provided as standard to protect the vehicle and its occupants.

Safer and less stressful driving is supported by a number of new features. The Moving Off Information System (MOIS) and Blind Spot Information (BSIS), available on the BEV models, help make the driver aware of any potential hazards in the blind spot area on the passenger side of the vehicle. These use a dedicated sensor and camera to monitor the area and if, for example, a pedestrian, cyclist or motorbike rider is detected, an alert lights up on the dashboard and a warning triangle sign appears in the door mirrors.

The driver gains further support from Crosswind Assist, which helps keep the vehicle stable when driving through strong crosswinds. It provides gentle, course-correcting braking to

keep the Proace Max from drifting out of its lane. Should an accident happen, Event Data Recording collects and stores information about the vehicle's operation and status before, during and after an impact.

Parking and manoeuvring the vehicle is made easier with the provision of rear parking sensors and a reversing camera.

## **MULTIMEDIA AND INSTRUMENTATION**

The multimedia system has a 10-inch high-definition touchscreen and includes an embedded SIM card to access cloud-based navigation with 3D-mapping and the benefit of up-to-moment community feedback-based traffic information. Other features include voice recognition that responds to natural spoken commands, Bluetooth and DAB radio reception. The driver's instrumentation is a seven-inch full colour digital display

Easy, wireless smartphone integration is provided, via Apple CarPlay and Android Auto.

Using the MyToyota smartphone app, customers can access additional connected services and information about their vehicle such as mileage, speed and acceleration data and maintenance reminders.

## **EUROPEAN PRODUCTION**

Proace Max marks a deeper collaboration between Toyota Motor Europe and Stellantis. The relationship began in 2012 and gives both companies the opportunity to optimise development and production costs. The Proace Max battery electric vans are built at the Stellantis plant in Gliwice, Poland, and the diesels and other BEV versions in Atessa, Italy.

## **PRODUCT LAUNCH PROGRAMME**

The Proace Max will have a staggered roll-out, with first customer deliveries expected from September 2024.

The panel vans will be released first, followed by chassis cab and platform cab models from September and dropside conversion from October. November will see the first panel van crew cab, with the tipper arriving the following month. Right-hand versions of the BEV panel vans will be available from September.

## TOYOTA PROACE MAX TECHNICAL SPECIFICATIONS

<b>POWERTRAIN – 2.2 TURBODIESEL</b>				
Engine type	Four cylinders in-line			
Capacity (cc)	2,184			
Bore x Stroke (mm)	83.8 x 99.0			
Compression ratio	15.5:1			
Fuel injection system	Common rail			
Max. power (bhp/DIN hp/kW @ rpm)	138/140/103 @ 3,500			
Max. torque (Nm @ rpm)	350 @ 1400-2500 – 6MT 380 @ 1400-2250 – 8AT			
Transmission	6MT or 8AT			
<b>POWERTRAIN – BATTERY ELECTRIC</b>				
<b>Electric motor</b>				
Type	Permanent magnet, synchronous motor			
Max. power (kW/bhp/DIN hp)	Power	268/272//200		
	Normal	215/218/160		
	Eco	161/163/120		
Max. torque (Nm)	Power	410		
	Normal	380		
	Eco	360		
<b>Battery</b>				
Type	Lithium-ion NMC Prismatic			
Nominal voltage (V)	400			
Capacity (kWh)	110			
Number of modules	15			
Weight (kg)	650			
<b>Battery charging</b>				
Charging time	230V	10 hours (0-100% - 11kW wallbox)		
	DC quick charge	55 mins (0-80%)		
Connector type	AC input	Type 2 – 11kW		
	DC input	CCS – 150kW		
<b>Transmission</b>				
Type	Automatic			
Driven wheels	Front			
<b>PERFORMANCE</b>		<b>2.2D 6MT</b>	<b>2.2D 8AT</b>	<b>BEV</b>
Max. speed (mph)		97	TBC	81
EV driving range (WLTP)		-	-	260
<b>FUEL CONSUMPTION, EMISSIONS &amp; INSURANCE</b>		<b>2.2D 6MT</b>	<b>2.2D 8AT</b>	<b>BEV</b>
Fuel consumption - combined cycle (WLTP mpg)		31.3 – 36.7	31.4 - 33.0	-
CO <sub>2</sub> emissions - combined cycle (WLTP g/km)		204 - 238	226 - 238	-

Insurance groups		TBC			
<b>BRAKES</b>		<b>Turbodiesel</b>		<b>BEV</b>	
Front – type/diameter x thickness (mm)		Ventilated discs 280 x 28		Ventilated discs 300 x 24	
Rear – type/diameter x thickness (mm)		Discs 280 x 16		Discs 300 x 22	
<b>STEERING</b>		<b>Turbodiesel</b>		<b>BEV</b>	
Type		Electric, rack and pinion			
Steering ratio		12.5:1			
Turning circle	Tyre (m)	TBC		TBC	
	Body (m)	12.5 – L2 14.3 – L3		14.3 – L3 15.3 – L4	
<b>SUSPENSION</b>		<b>Turbodiesel</b>		<b>BEV</b>	
Front		MacPherson strut			
Rear		Tubular axle, leaf springs			
<b>EXTERIOR DIMENSIONS</b>		<b>L2/H2</b>	<b>L3/H2</b>	<b>L3/H3</b>	<b>L4/H3</b>
Overall height (mm)		2,524	2,524	2,760	2,760
Overall length		5,413	5,998	5,998	6,363
Overall width		2,050			
Overhang – front (mm)		948			
Overhang – rear (mm)		1,015			
Wheelbase (mm)		3,450	4,035	4,035	4,035
Track – front (mm)		1,801			
Track – rear (mm)		1,790			
<b>INTERIOR DIMENSIONS</b>		<b>L2/H2</b>	<b>L3/H2</b>	<b>L3/H3</b>	<b>L4/H3</b>
Deck height (mm)		1,932	1,932	2,172	2,172
Deck length (mm)		3,120	3,705	3,705	4,070
Deck width (mm)		1,870			
Load volume (m <sup>3</sup> )		12	13	15	17
<b>WEIGHTS</b>		<b>TURBODIESEL</b>		<b>BEV</b>	
Gross vehicle weight (kg)	L2/H2	3,500		-	
	L3/H2	3,500		4,250	
	L3/H3	3,500		4,250	
	L4/H3	-		4,250	
Kerb weight (kg)	L2/H2	2,085		-	
	L3/H2	2,135		2,790	
	L3/H3	2,160		2,815	
	L4/H3	-		2,865	
Max. towing capacity – braked (kg)		2,500		2,400	
<b>WHEELS &amp; TYRES</b>		<b>TURBODIESEL</b>		<b>BEV</b>	
Wheel type & size		15" (MT) 16" (AT) Steel		16" Steel	
Tyre size		215/70 R15 215/75 R16		215/75 R16	



## TOYOTA PROACE MAX EQUIPMENT SPECIFICATIONS

<b>SAFETY</b>	<b>ICON</b>
Pre-Collision System with pedestrian and cyclist detection	✓
Cruise control	✓
Intelligent speed assist	✓
Lane Departure Alert	✓
Lane Trace Assist	✓
Driver Attention Alert	✓
Road Sign Assist	✓
Automatic High Beam headlights	✓
ABS with Brake Assist	✓
Hill-start Assist Control	✓
Vehicle Stability Control	✓
Driver and front passenger airbags	✓
Tyre Pressure Warning System	✓
eCall	✓
Panel bulkhead	✓
<b>SECURITY</b>	<b>ICON</b>
Transponder immobiliser	✓
Locking fuel filler cap	✓
Deadlocks	✓
Remote central locking	✓
Full Alarm System – anti-tamper/glass breaking/motion sensor	✓
<b>MULTIMEDIA &amp; INFORMATION</b>	<b>ICON</b>
10in multimedia touchscreen	✓
Cloud-based navigation via embedded SIM	✓
Voice Recognition	✓
Bluetooth	✓
6-speaker audio with DAB	✓
7in colour multi-information display	✓
<b>COMFORT &amp; CONVENIENCE</b>	<b>ICON</b>
Height-adjustable front seats	✓

Driver's seat lumbar support	✓
Driver's arm rest	✓
Automatic air conditioning	✓
Paddle shifts – regeneration mode selection	✓ BEV
Paddle shifts – gear selection	✓ Turbodiesel automatic
Rear view camera with parking guidelines	✓
Rear parking sensors	✓
Audio/phone/LTA switches on steering wheel	✓
12V power outlet in cargo space	✓
LED light in cargo space	✓
Automatic headlights	✓
<b>EXTERIOR</b>	<b>ICON</b>
Twin rear panel doors, 180deg opening	✓
Single sliding side door	✓
Heated, power-adjustable door mirrors	✓
Black front and rear bumpers	✓
Black front grille	✓
LED headlights	✓
LED daytime running lights with light guides	✓
15in steel wheels	(diesel manual)
16in steel wheels	(diesel auto and BEV)
Full-size temporary spare wheel	✓

ENDS