



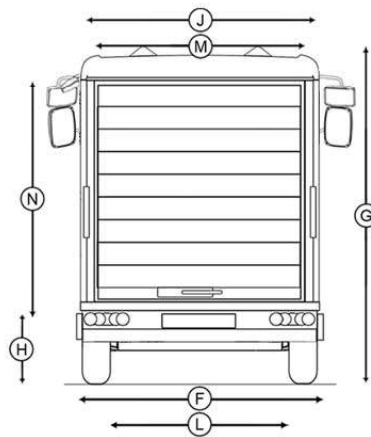
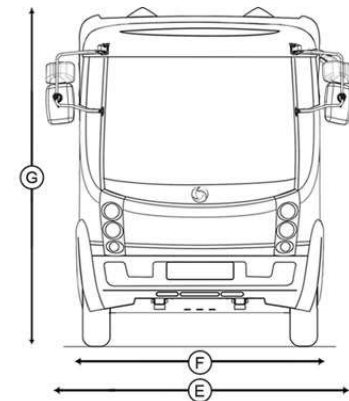
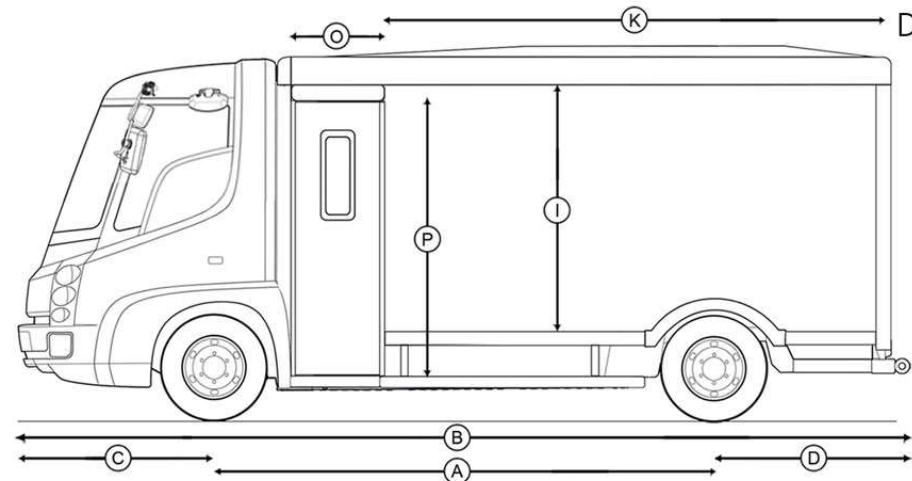
# MODEC BOX VAN DATA

• Medium Length • Long Length • Extra Long Length

Modec is a revolutionary zero emission commercial vehicle.

Economically and environmentally viable, the vehicle is purpose built from the ground up.

The Modec is perfect for the demanding urban environment. With a 5.5 tonne GVW, this silent truck is capable of travelling at a swift 50mph, over a range of up to 100 miles or 60 miles, depending on your choice of battery pack.\*



	REF.	MEDIUM	LONG	EXTRA LONG
<b>DIMENSIONS</b> <small>Measurements in mm (unless otherwise stated)</small>  <small>All dimensions subject to a manufacturing tolerance of +/-5%</small>	A	Wheelbase	3600	3600
	B	Overall Length	5810	6310
	C	Front Overhang	1400	1400
	D	Rear Overhang	810	1310
	E	Overall Width (inc. mirrors)	2450	2450
	F	Overall Width (exc. mirrors)	2000	2000
	G	Overall Height (Unladen)	2790	2790
	H	Rear Loading Height**	680	680
		Turning Circle (kerb to kerb) (m)	10.8	10.8
<b>LOAD AREA</b>		Capacity (m <sup>3</sup> )	11	13
	I	Internal Height	1950	1950
	J	Internal Width	1850	1850
	K	Internal Length	3100	3600
	L	Width Between Wheel Arches***	1100	1100
<b>LOAD ACCESS</b>	M	Rear Shutter Opening Width	1700	1700
	N	Rear Shutter Opening Height	1800	1800
	O	Side Door Width	600	600
	P	Side Door Height	1920	1920
		Side Door Opening Angle (deg°)	95°	95°
<b>WEIGHTS (kg)</b>		GVW (Gross Vehicle Weight)	5500	5500
		GTW (Gross Train Weight)	6500	6500
		Front Axle Plated Weight	2600	2600
		Rear Axle Plated Weight	3200	3200
		Front Axle Kerb Weight	1900	1878
		Rear Axle Kerb Weight	1602	1690
		Total Kerb Weight	3502	3568
		Payload (Uniformly Distributed)	1998	1850

**IMPORTANT:** Stated Payloads based upon *Standard Modec Box Body configuration*. Any additional/special features may decrease payload. All payload figures are subject to a tolerance of +/-5%. These payloads are strictly based upon a uniformly distributed load.

\* Dependant upon driving style and vehicle load. \*\* Figure based on Low Floor Variant. Loading Height for the High Floor variant: 920mm \*\*\* Not applicable for the High Floor variant



# MODEC BOX VAN BODY SPECIFICATION

MODEC  
QUIETLY CHANGING THE WORLD

- Medium Length
- Long Length
- Extra Long Length

The Modec standard box van body is constructed using built-in aluminium framed GRP side panels, a one piece GRP moulded roof and a fully integrated aluminium base frame and floor. This includes hinged near and offside entry doors, a stainless steel rear frame with a wide latch-lockable shutter, plus grab handles on each rear pillar. The walkway area leading to the cab entry door is 750mm wide & includes near and offside entry assist handles, as well as a GRP panelled bulkhead incorporating a sliding door. The body itself is white with stainless components left natural.

The base frame and floor are designed to carry up to a maximum payload of two tonnes. The aluminium floor is made of a textured non-slip surface, and is part of the base frame, optimising the space/weight ratio, maximising the vehicle's payload. Wheel arches are aluminium clad and chamfered for protection against localised impact. A kick-strip is located at the base of the side panel and internal bulkhead (load area). A single run of 1806 Load Restraint is fitted down the inside face of each side panel, a metre from floor level.

The fitted spray suppression is high strength, lightweight and fitted in accordance with regulations stated Directive 91/226 EEC.

Toughened safety glass is used for both side entry door windows. This glass complies with 'E' marking regulations and bears an approved mark under EC Directive 92/22. The windows in each door are 200x600mm and are positioned centrally, (across the door width). This ensures the operator can clearly see any obstructions when exiting the vehicle. Non-slip material is fitted in both near and offside door footwells. Both interior and exterior walkway door release handles have manual locks & exterior handles are flush mounted and within the overall width of the vehicle.

Three LED interior lights are fitted. These can include PIR sensors, with a cab mounted override switch. One of these is located in the walkway area; the other two in the load area. LED side marker lights (when required) are fitted to vehicles over six metres in overall length. All lights are fitted in accordance with Directive 76/756 EEC.

Roof construction is a light-weight, one piece GRP moulding, including a central translucent section for maximum light ingress. The roofs built-in water management system allows water to be dispersed effectively, keeping the load area, payload and operator dry.

The box van body is fitted with hinged side guards which comply with EEC Directive 89/997 CEE and are maintenance free, in line with regulation 105B. Body fitting is done using bolt construction for ease of service and maintenance.

