

RENAULT TRUCKS E-TECH MASTER



ELECTROMOBILITY WITH RENAULT TRUCKS

Global warming is a major issue - and reducing CO₂ emissions is a priority for our sector. In urban areas, pollution has continued to increase (particulate matter, Nox). Improving air quality has now become one of the major political and societal challenges of our time. Committed to electric mobility since 2010, Renault Trucks is paving the way for a greener and more sustainable future.



**A PIONEER IN
ELECTRIC-POWERED
MOBILITY SINCE 2010**



RENAULT TRUCKS E-TECH MASTER



**SILENT VEHICLES
FOR GREATER
COMFORT AND CALM
AT THE WHEEL**



RENAULT TRUCKS E-TECH D



RENAULT TRUCKS E-TECH D WIDE

A RANGE TO MEET EVERY NEED

Perfectly suited to assignments involving last mile deliveries, whether in staggered hours or urban areas with traffic restrictions, Renault Trucks E-Tech Master delivers the goods.



→ 6 VERSIONS

- 3 lengths
- 2 heights

→ 3 MODELS

- Panel van
- Platform cab
- Chassis cab

→ GVW

- 3.1 tons/
3.5 tons

→ BATTERY

- 52 kWh
- Technology:
Lithium-ion

→ ELECTRIC MOTOR

- Max. power:
57 kW
- Max. torque:
225 Nm

*up to 244 km respecting the WLTP city cycle



→ **REDUCED OPERATING COSTS**

It is estimated that the cost of using an electric truck is 30% lower than that of a diesel truck.



→ **ADAPTED RANGE**

Up to 238 kilometers* of actual operational range.



→ **NO SOUND NUISANCE**

for better integration in urban environments.

A TURNKEY SOLUTION



→ **PANEL VAN**

Payload:
up to 1 321 kg



→ **PLATFORM CAB**

Payload:
up to 1 594 kg*



→ **CHASSIS CAB**

Payload:
up to 1 482 kg*

*excluding the bodywork

CUSTOMISED SUPPORT

In association with its partners*, Renault Trucks supports you on your journey with charging infrastructure to facilitate your transition to electrical energy.



52 KWH BATTERIES COVERED WITH 8 YEARS WARRANTY*



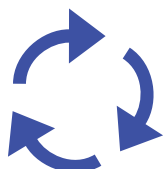
PROVEN TECHNOLOGY

High energy density is provided via lithium-ion NMC (Nickel Manganese Cobalt) cells, providing the best compromise between operating autonomy and payload.



RESPONSIBLE PROCUREMENT

Audits are carried out from the supply chain to the cobalt mines. Batteries are assembled in Europe. Vehicles are assembled in France



RESPONSIBLE RECYCLING

Renault Trucks assumes responsibility of batteries as soon as they are returned to the dealer. Batteries' second lives involve many possibilities such as static equipment for passive energy constructions or solar power plants.

*Battery State of Health 66% guaranteed 8 years or 160 000km.

EASY TO CHARGE ANYWHERE

Whatever your equipment, you can charge your Renault Trucks E-Tech Master wherever you are, from a regular domestic socket to a 22kW/H charger.

FULLY CHARGED IN 3 HOURS

with a 52 kWh battery.
80% charged in 2 hours.



CHARGING TIME

	POWER	AMPERE RATING	CHARGING TIME	CABLE
Domestic plug	2.3 kW 3.2 kW	10 A 14 A	25 h 20 h	Cable type 2 - domestic plug, available as an option
Wall socket	3.7 kW 11 kW	16 A 16 A	16 h 16 h	Cable type 2 - mode 3, standard on vehicle
Quick charge Alternating Current (A/C)	7.4 kW	32 A	8h : 100 % 6h30 : 80 %	Cable type 2 - mode 3, standard on vehicle
Quick charge Direct Current (D/C)	22 kW	32 A	3h : 100 % 2h : 80 %	Cable from the charger

RANGE AND CONSUMPTION

The range of Renault Trucks E-Tech Master is measured by the WLTP (Worldwide harmonised Light vehicles Test Procedure). This protocol includes a series of standardised tests in the laboratory and on the road in order to be as close as possible to the real conditions of use.

HOMOLOGATED RANGE PER MODEL & USAGE

3.1 T	PANEL VAN	PLATFORM AND CHASSIS CAB
WLTP		
WLTC combined (km)	162 - 174	147
WLTC City (km)	208.25 - 229.08	190

3.5 T	PANEL VAN	PLATFORM AND CHASSIS CAB
WLTP		
WLTC combined (km)	186 - 204	147
WLTC City (km)	215.94 - 238.46	176.33



TRAVEL LONGER AND FURTHER



FACTORS IMPACTING OPERATING RANGE :

- SPEED
- TOPOGRAPHY
- WEATHER CONDITIONS
- LOAD BEING CARRIED
- DRIVING STYLE



CHARGE THE BATTERY WHEN BRAKING

Renault Trucks E-Tech Master uses its regenerative brake which in turn draws upon the engine to convert decelerations kinetic energy into electrical energy. This means the vehicle uses less energy and therefore extends its operational range.

LOW CONSUMPTION TYRES

Their low rolling resistance helps extend your battery life without impacting braking or grip on the road.



CAB PREHEATING

When the vehicle is charging, programming cab preheating at a set time will maintain the vehicle's range while also improving driver comfort.



GETTING STARTED AND TRAINING IN ECO-DRIVING

to get the most out of the vehicle.

EXPERTS BY YOUR SIDE

A FULLY-EQUIPPED, TRAINED AND LOCAL NETWORK

- Expert and trained technicians
- Extended opening hours, including Saturday mornings*.
- Quick appointments for repairs and maintenance

* For some dealers



3 YEARS WARRANTY PARTS & LABOUR

A 3 year warranty covering parts, labour and towing for all operations done at a Renault Trucks dealer.



GENUINE OFFER

Original parts quality: reliable, robust and approved to maintain your vehicle's performance.



DIAGNOSIS AND REPAIR 24/7

With a network of experts ready to answer you in 16 languages, you are backed by a coordinator who will remain your sole contact throughout the entire operation. Breakdown repairs are carried out by technicians trained in roadside operations using specially equipped vehicles and dedicated diagnostic tools.



EXCHANGE OFFER

Offer of reconditioned parts to maintain the performance of your vehicle by giving them a second life.

DEDICATED SUPPORT FOR FINANCING YOUR ELECTRIC VEHICLES

Benefit from personalised support on all aspects of financing to facilitate the transition to electric vehicles.

- Support on governmental incentives available.
- Advice on financing and insurance products as well as structures suitable for electric vehicles.
- Financing of charging* infrastructure is included in the comprehensive solution.

With fixed monthly payments covering financing, insurance, contractual maintenance and guaranteed battery performance, Renault Trucks Financial Services help you switch to electric vehicles with total peace of mind.

* available depending on local regulations.

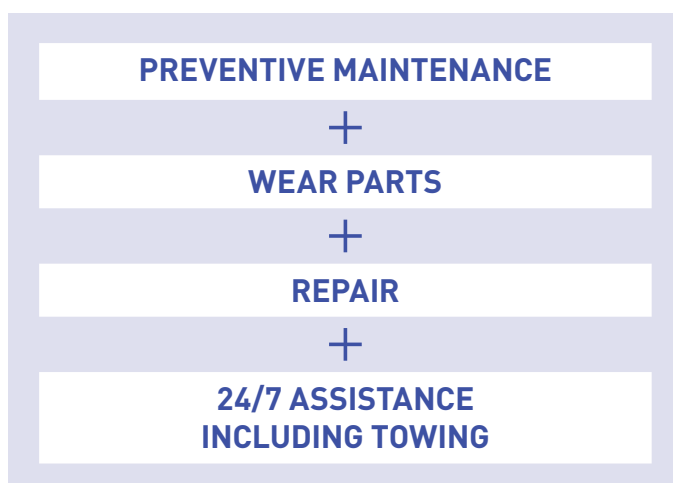


DRIVE WITH TOTAL CONFIDENCE

With the Renault Trucks E-Tech Master, you can benefit from the Start & Drive Excellence maintenance contract, guaranteeing you total peace of mind.



START & DRIVE EXCELLENCE CONTRACT



Other service contract levels available, please contact your dealer to get more information.

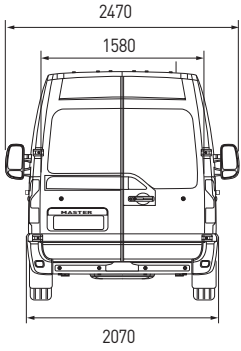
RANGE OVERVIEW

	Panel Van (FWD)			Platform cab (FWD)		Chassis cab (FWD)	
	L1H1	L2H2	L3H2	L2H1	L3H1	L2H1	L3H1
GVW	3.1 & 3.5 t			3.1 & 3.5 t		3.5 t	
Load volume	8 m ³	10.8 m ³	13 m ³	Depending on conversion			
Payload 3.1 t	952 kg	880 kg	799 kg	1 194 kg*	1 179 kg*	-	-
Payload 3.5 t	1 321 kg	1 249 kg	1 168 kg	1 594 kg*	1 579 kg*	1 482 kg*	1 461 kg*
Motor type	R75 / 57 kW / 76hp - Synchronous with rotor coil - Max Torque: 225 Nm / Max Power: 57kW						
Gearbox	Single speed reductor - 1 forward ratio						
Reducer	3,1 t : Standard / 3,5 t : Reinforced					Reinforced	
Battery	Lithium-Ion 52kWh: 400V332 kg / 12 modules /192 cells						
Range	See page 9						
Maximum speed	3.1 t: 100 km/h / 3,5 t: 80 km/h					80 km/h	
Tyres	3.1 t: 215/65 R16 / 3.5 t: 225/65 R16					225/65 R16	
Towing	No possibility						

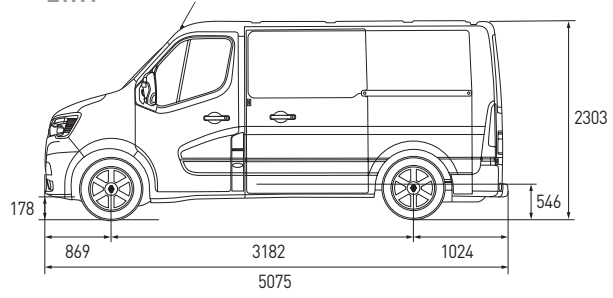
* Not including bodywork



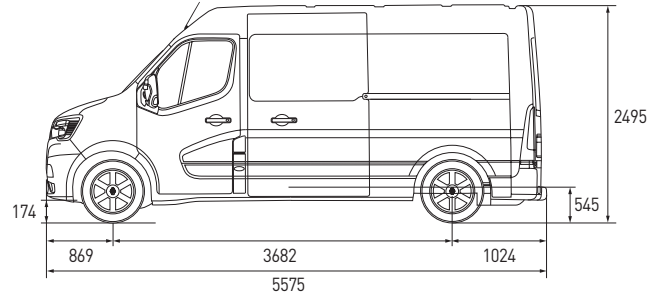
PANEL VAN



L1H1

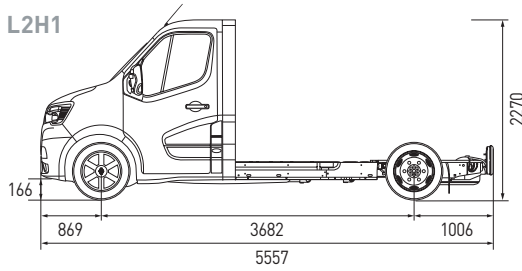


L2H2

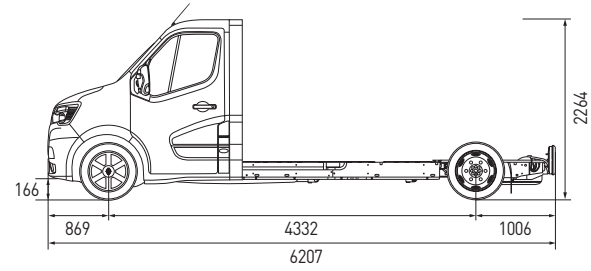


PLATFORM CAB

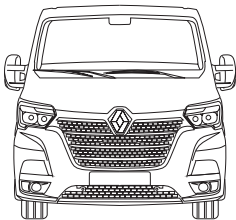
L2H1



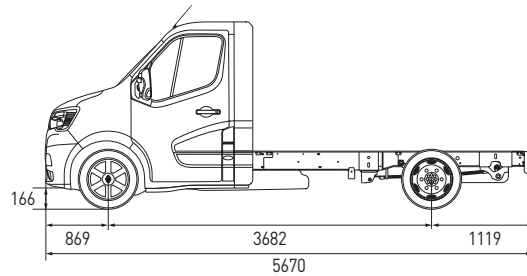
L3H1



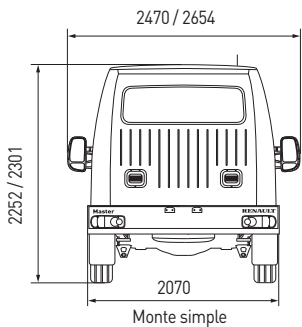
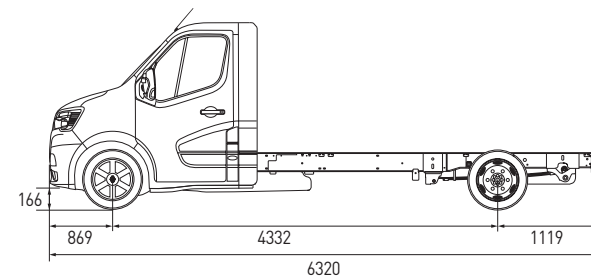
CHASSIS CAB



L2 SINGLE CAB



L3 SINGLE CAB





We recommend Renault Trucks Oils.
Dimensions and specifications are provided for guidance only.
The manufacturer reserves the right to change them without prior notice.

