RENAULT TRUCKS
E-Tech T

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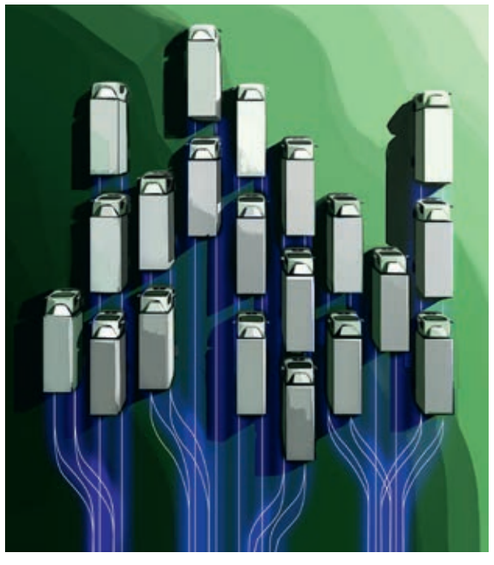
Renault Trucks E-Tech T / 100% electric 03

Make the switch to electric mobility smoothly with Renault Trucks



Renault Trucks, the expert partner for your decarbonisation journey

As professionals in the haulage sector, you need solid and dependable support in the switch to electromobility.
Renault Trucks is by your side throughout your decarbonisation plan, providing support based on experience.

We've been producing and selling electric vehicles since 2020 and more than 35 million kilometres have already been covered by our Renault Trucks E-Tech range. The Renault Trucks E-Tech D and Renault Trucks E-Tech D WIDE are in standard production at our plant in Blainville, in France.

Our experts are specialists in customer relations or maintenance and undergo continuous training to ensure your energy transition is a success.

With their knowledge in light commercial and heavy commercial vehicles, they are best-qualified to support you in your transition to electromobility.

Together, we are moving forward with simplicity, pragmatism, warmth and commitment.

#JoinTheGoodMove

More than
35 000 000
kilometres
covered by our current Renault Trucks E-Tech range*
*December 2024

Our support milestones for your electric transition

We make sure you can reach your CO_2 emission reduction objectives, continue your daily business and optimise your TCO*.

*Total Cost of Ownership

From pre-sale to operation, our experts support you on your decarbonisation journey in four steps

Our local Energy Transition specialists will be with you all along your transition to electric

Renault Trucks is by your side at every step

STEP 1

We understand your needs

We actively listen to your needs for decarbonizing road freight and provide detailed explanations of the various available options.

We take ownership of your objectives

Have you made a commitment to decrease your CO_2 emissions? Are you required to comply with a forthcoming Low/Zero Emission Zone? Are your customers demanding a more environmentally friendly mode of transportation?

- We are committed to understanding your objectives and limitations and we will prioritize them as our target.

We explain all options to decarbonise

There are various potential energy sources and technologies available (such as bio-energies, hydrogen and electricity) and you are seeking to determine which ones best align with your specific needs?

- We will provide you with our comprehensive assessment for each option, outlining their respective impacts on CO_2 emissions, energy efficiency, total cost of ownership (TCO) and operational considerations.

STEP 2

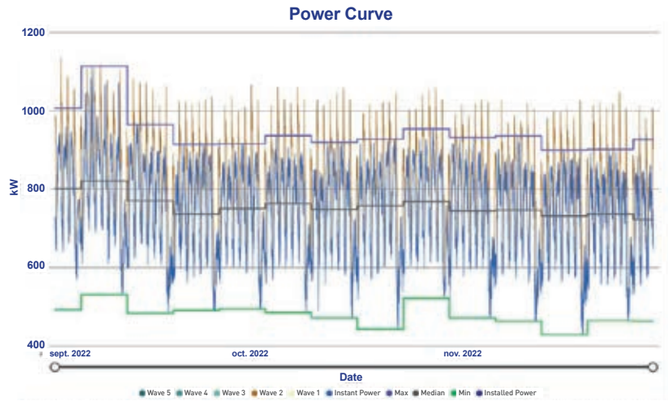
We analyse your fleet and routes to predict your range

We use our Range Simulator to make sure your range need is covered and conduct an electric audit of your site.
We simulate your site energy consumption to fit with your fleet electrification.

We simulate your real operations to confirm your switch to electric

- Using our Range Simulator tool, our experts will assess the energy consumption of your vehicle, taking into account its actual usage, GPS route and any factors that may affect its consumption (such as weather conditions, topography and speed).
- The results, presented in a user-friendly and visually appealing manner, will provide you with a clear understanding of your vehicle's operation throughout the year and highlight the need for any intermediate charging solutions.

We analyse the power curve of your site and simulate additional need



- With our fleet decarbonisation and electrical power analysis simulator, our experts can assess the impact of your fleet's transition on the site's energy consumption.
- Our analysis will provide insights into the available power capacity for a selected charging infrastructure, as well as develop a timeline and cost simulation for grid upgrades.
- Additionally, we will determine the optimal location for the charging infrastructure, provide cost estimates and determine the associated power requirements to maximize your operational efficiency.

STEP
3

We design your electric solution for regional distribution

We create a complete offer: truck, charging, services and financing (including public incentives advice).

The Renault Trucks E-Tech T

- Ideal to operate in a peri-urban and regional environment.
  - Delivery of consumer goods (both food and non-food items)
  - Logistic activities
  - Parcel & post
- Shows a significant reduction in CO_2 emissions equivalent of its life cycle of around 90% (depending on the vehicle configuration and on the country).
- Qualified solution to operate for:
  - Science Based Targets Initiative (SBTI)
  - Zero/Low Emission Zones
  - CO_2 regulated industries

A range up to 500 km

- Up to 300 km* range on a single charge and up to 500 km range thanks to an intermediate one-hour fast charge (250 kW).
- Average electrical consumption: 1 to 1.6 kWh/km.

*Actual range may depend on several factors, such as driving speed, use of cruise control, vehicle specifications, terrain topography, driver experience, vehicle maintenance and weather conditions

Our truck is suitable for all types of charging up to 250 kW and equipped with a standard connector compatible with AC and DC chargers

CHARGING METHOD	WALLBOX MODE 3 available as an option	CCS CONNECTOR** COMBO 2 MODE 4 MOBILE	CCS CONNECTOR** COMBO 2 MODE 4
Charger	AC	DC	DC
Charge power	43 kW	40 kW	Up to 250 kW*
Charger type	Built-in charger	Mobile charger	Fixed charger
Recommended use	Night-time charging	Mobile easy-to-use system	For several vehicles or when fast charging is required

*Charger compatible with higher power standards, but the power limit is set by the vehicle itself
**CCS: combined charging system

Fast charging time

- With a charging power of 250 kW:
  - The battery charge level can increase from 20% to 80% in just 1 hour with 540 kWh of battery capacity, with 6 packs
  - 200 km more can be added to your electric trucks

An ergonomic driving position for a unique and silent electric experience

1 Multifunction screen
- → 9 inches HD touch screen
- → Multiple applications for a personalized driving experience
  - • Call management
  - • Music control
- → Driver aids (cameras, navigation)

2 Modern dashboard
- → Dynamic, digital information display

3 USB-C plugs

4 Storage drawer for A4-format documents

5 Keyless vehicle starting using the start button

6 Smooth gear shifts thanks to the Optidriver gearbox

7 Smart direction indicator management

8 Steering wheel
- → Functionalities at your fingertips

The best steering column on the market

9 Multidirectional column
- → 3 adjustable points, you can exactly adapt the driving position to your morphology
- → Intuitive foot control on the steering column to determine your ideal driving position
- → Easy access to the cab when the steering wheel is in the raised position

- → More knee room
- → Engine vibrations absorbed for more comfort

image for illustration purposes only

With safety equipments

Renault Trucks feature the latest driver assistance technologies and the most advanced braking systems. This guarantees not only driver safety, but also that of pedestrians, cyclists and other road users.

Lane Departure Warning System and Driver Drowsiness & Alertness Warning (LDWS/DDAW)

Audible and visual warning if a lane departure is detected or if the vehicle is following an unexpected trajectory.

Lane keeping system*

In the event of unintentional deviation, crossing the line is prevented and the vehicle is brought back into the lane.

*Optional

Radars and cameras

Located all around your truck, they warn you and alert you to ease your manoeuvres. You prevent any risks of accident.
Possibility to add up to 5 digital cameras to monitor the load or the fifth wheel for docking*.
Possibility to provide an analog camera for the trailer to monitor the manoeuvres*.

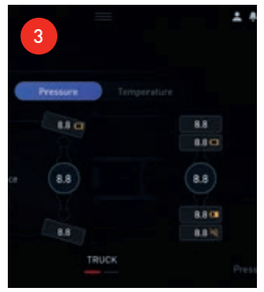
*Optional

Automatic Emergency Braking System (AEBS)

Warns of a possible collision, then brakes and stops the vehicle if any action from the driver.
The hazard warning lights are activated automatically.

Hill start assist with Autohold

Automatically manages bracking, when driver comes to a stop. The truck is immobilized until driver decides to take-off, preventing risks from rolling away accidentally.



1 Rear-view cameras
- → Increase the driver's direct field of vision.
- → Makes manoeuvring and overtaking easier, with night vision and wide-angle vision to keep the trailer in sight.

2 Antirunaway mode
- → Emergency parking brake application.
- → Immobilisation of the vehicle when the door on the driver's side is opened.

3 Tire Pressure Monitoring System (TPMS)
- → Located on the rims of the truck and of its body, the sensors warn you and alert you on any problems about tire pressure, which provides you peace of mind.

4 Mechanical anti-intrusion locking*
- → For greater safety in the cab when the vehicle is parked.

*Optional

Speed Assistance** (ISA***)

- → The camera recognises the prescribed speed limit and warns the driver if this is exceeded, to avoid any accidents or penalties.

**Available depending on geographical location ***Intelligence Speed Assistant

Driver Airbag

- → The airbag is deployed in the event of a serious frontal collision.

Our charging solutions are adapted to your needs

Whether you're looking for a low-power overnight recharging solution or for additional charging between two missions, Renault Trucks is at your side. We can help you carry out an on-site audit of your electrical installations to ensure the success of your operations.

Rely on our energy experts to adapt your electric infrastructure

- Get a detailed analysis of your current power and energy need.
- After your fleet analysis, an on-site power impact simulation is done with your electric trucks.
- Our professional electricity partners will build your new power roadmap and guide you on higher-capacity solutions.
- We ensure your new charging infrastructure is positioned based on your operational needs.

Choose upon our charging devices options

- For overnight charging, you can use our AC 43 kW wall-box.
- For other chargers*, you can choose the best equipment and supervision software from our partners' ranges.

*List of compatible chargers available from your dealership

Take advantage of charging infrastructure maintenance

- Our team and our partners will carry out the electrical and civil engineering work on your site, based on our analysis.
- Deconsolidation, specific training and 24/7 maintenance are included in your recharging maintenance.
- For flexible, mobile recharging, you can use mobile chargers from our preferred partners**. Only one 63-amp connector is needed to plug in this easy-to-use mobile solution.

**Contact your dealer for a quote

Tailored services to maximise uptime and peace of mind

Included during 8 years for every truck purchase:

On the good path with SYGIC navigation system:

- Navigation dedicated to trucks.
- Always up-to-date.
- Data communication included.

Secure your routes and energy consumption with Optifleet

Optifleet CHECK*

Analyse the performance of your trucks thanks to reports including data on battery usage, power take-off (PTO) information, load, brake usage, energy consumption.

Optifleet MAP*

Monitor your trucks through:

- Real-time data: truck geolocation, speed indication, battery level, driver ID card, mileage.
- Advanced features: management of Points Of Interests (POIs) and geofencing capabilities, route history.

Optifleet MISSION*

- Plan the best route for your electric truck, based on vehicle profile, transported load, initial battery level, road restrictions and anticipate the charging stops.

*More capabilities information available at your dealer

Ease your driving experience with Driver App

- Serenity : charge monitoring with range left, estimated time for charging completion, state of charge, alerts in case of charging interruption.
- Comfort: set-up battery preheating, parking climate.
- Safety: check doors lock and get alerts in case of intrusion.

Ensure your uptime and productivity with our Serenity pack

More than a maintenance and repair contract, benefit from predictive capabilities, as well as personalised reports and data support on the CO_2 & usage of your Renault Trucks E-Tech fleet.

PREVENTIVE MAINTENANCE
+
WEAR PARTS
+
REPAIR
+
24/7 ASSISTANCE INCLUDING TOWING
+
PREDICTIVE & REMOTE CAPABILITIES
+
KEY CO_2 & USAGE REPORTS
+
1 YEAR CUSTOMER DATA SUPPORT*

*Support services period can be extended

Tailored services to maximise uptime and peace of mind

Advice on optimising TCO and carbon footprint

Renault Trucks can help you to calculate the total cost of ownership (TCO) of your electric vehicle solution and evaluate the associated CO_2 savings. With our custom-built tool, the "TCO_2 Calculator", our experts can provide you with the best possible view of your transition to electromobility:

Get an understandable comparison

The closest possible view of the TCO of an electric truck compared to a diesel or gas truck.

Adjust the various factors that impact TCO

Duration, miles/kilometres, energy cost, simulation of the different purchasing subsidies and tax breaks.

Calculate and compare CO_2 emissions

For the different energy sources over the lifetime of the vehicle, based on a variety of scenarios. The results of the simulation will give you a quick idea of the total expenses, energy costs and potential CO_2 reductions.

Simplify Your Electric Transition

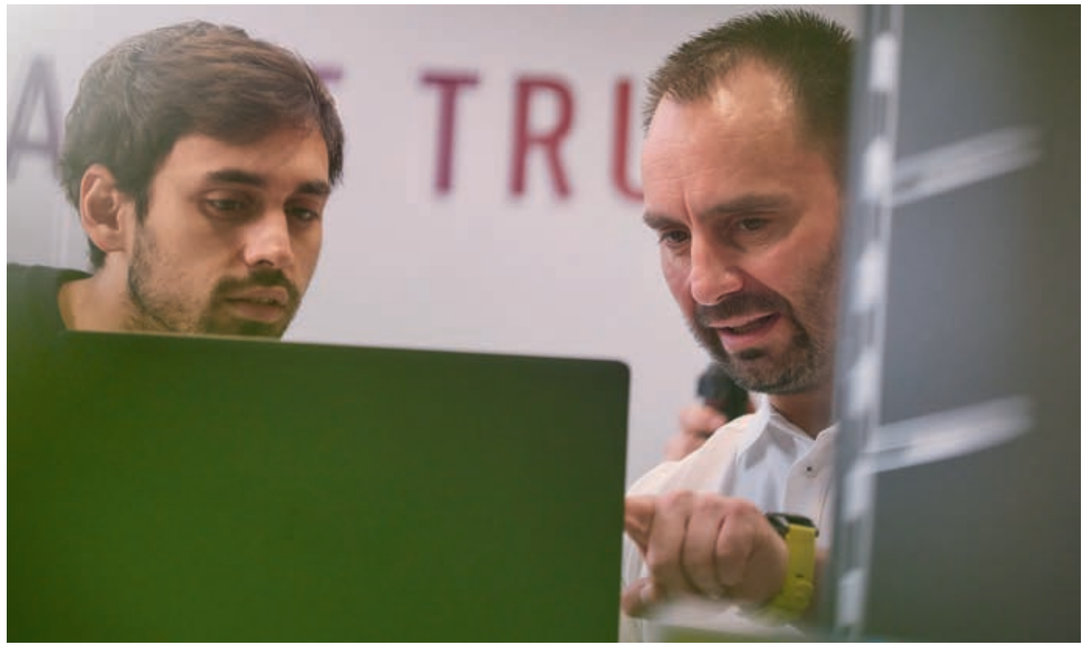
Unlock tailored support across financing, insurance and services to ease your shift to electric vehicles with Renault Trucks Financial Services.

Comprehensive Financing and Incentives management

- Expert guidance on financing options, insurance solutions and plans designed for electric vehicles
- Administrative assistance with government incentives and subsidies*
- Flexible financing options and charging infrastructure financing*

With adapted to your activity monthly payments covering the vehicle, financing, insurance, maintenance and charging infrastructure, Renault Trucks Financial Services ensures your transition to electric is seamless and straightforward.

*Offer availability may vary by country



STEP 4

We support your implementation and operations

We monitor your truck efficiency, provide you with a comprehensive network and minimum energy availability commitment to maximise your uptime.

Benefit from a customised support during usage

Start the Renault Trucks E-Tech experience with a complete handover

- The Renault Trucks team explains everything you need to know about your vehicle and the associated services.

Get an operational performance support

- We will support you in your first steps with your new electric trucks operational performance.

Understand usage of your electric trucks

- Our reports will help you understand the use of your truck to get the best out of it.

Build action plans

- During the first year of your Serenity pack, our experts will recommend optimized actions based on your fleet data.

Rely on our network and our battery performance commitment

With almost 1400 services points across Europe, there is always a dealer near you.

A certified Renault Trucks E-Tech network, close to you and always available

- Expert technicians trained in electrical solutions
- Extended opening hours, including Saturday mornings*
- Fast appointments for repairs and maintenance

*Depending on Renault Trucks authorised dealers

Renault Trucks secures your battery performance over time

For **Renault Trucks E-Tech T tractors**, Renault Trucks guarantees the availability of energy from our batteries for a maximum of **8 years or 1 million km**. Monitoring the battery health is included in the predictive capabilities.

A wide choice of electric motors and traction batteries

Cabs	Night & Day / Sleeper		Night & Day / Sleeper / Day	
Type	Tractor		Rigid	
Axle configuration	4x2	6x2 tag	4x2	6x2 tag
GVW (t)	19	26	19	26
GCW (t)	40 / 44 / 50		40 / 44 / 50	
Power of electric motor	490 kW (666 hp)		Between 330 and 490 kW (450-666 hp)	
Gearbox	Optidriver			
Batteries capacity	450 to 540 kWh		360 to 540 kWh	
Range	From 250 to 300 km*		From 215 to 300 km*	

*Calculated with average energy cons 1 to 1.6 kWh/km, consumption and range will depend on usage and operating condition

Proven Technology

Technical expertise in batteries

Lithium-Ion NCA technology cells supplied by Samsung. Batteries assembled in the Volvo Group factory of Ghent in Belgium.

Responsible supply chain

Supply chain audits are conducted to minimise the environmental and societal impact of our suppliers as well as their own suppliers (e.g.: Cobalt). The batteries are assembled in Europe. The vehicles are assembled in France.

Responsible recycling

Recycling is the responsibility of Renault Trucks as soon as the batteries are returned to Renault Trucks authorised dealers. There is a range of second life options for vehicle batteries, such as stationary energy storage equipment or energy supply for buildings (hospitals, stadiums, housing, etc.).

3 types of power take-off for a simplified body structure

Electrical E-PTO

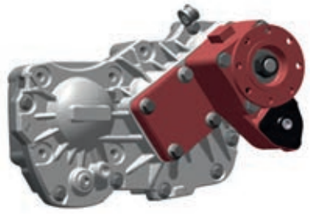
- Power 43 kW
- AC or DC output
- AC E-PTO:
  - available for tractor and rigid
  - voltage 400-480V AC
- DC E-PTO:
  - available for rigid only
  - voltage 600-800V DC

Mechanical E-PTO

- Electric Motor 70 kW
- Torque capacity 270 Nm
- Pump output
- Above the frame behind the cab
- 4 wiring lengths available to be able to change his position
- Usable when vehicle is moving (in place of diesel engine PTO)

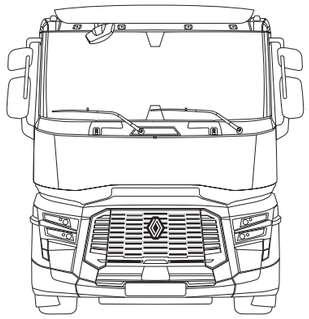
Gearbox PTO

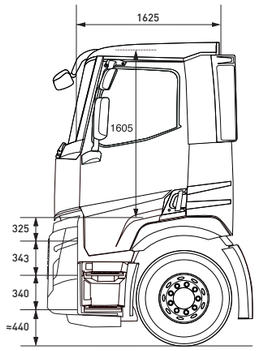
- 5 Torque capacity from 430 Nm to 1000 Nm
- Same offer as diesel
- Flange or pump output
- Single or dual output
- Usable when vehicle stopped (up to 7km/h)



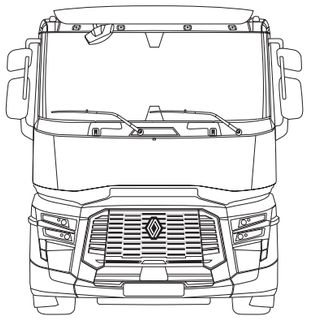
Cab types

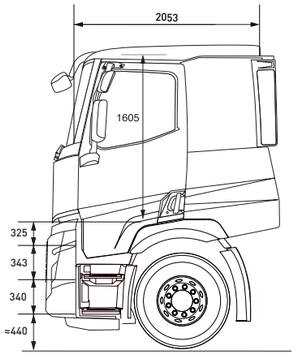
Day cab (available for rigids only)



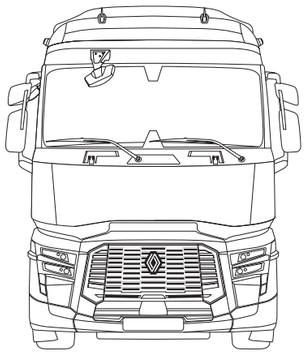


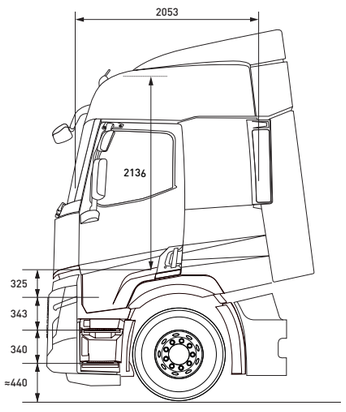
Night & Day cab*





Sleeper cab*





*Long cab

12/2024

Dimensions and characteristics are only indicative.
The manufacturer reserves the right to modify them without notice.
Renault Trucks SAS with a capital of € 50,000,000 - 954 506 077 RCS

MANAGEMENT SYSTEM CERTIFICATION
DNV
ISO 9001 • ISO 14001

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