



Construction range

RENAULT TRUCKS C

renewal-trucks.com



**RENAULT
TRUCKS**



Take the road with Renault Trucks

Driving with Renault Trucks means choosing a local partner committed to supporting you, whenever you need it.

It means being supported in your energy transition, to meet the challenges of a more sustainable mobility solution.

It means choosing the best technical and financial solutions that a global group has to offer.

It means choosing vehicles that are functional, efficient and comfortable, for an extended use.

It means choosing proven, easy-to-use technology and services adapted to your requirements.

It means forging a strong, welcoming and dependable working relationship. **It means making the right choice.**

TAKE THE ROAD WITH RENAULT TRUCKS	03	A NEW, OPTIMISED INTERIOR PROMOTING DRIVER WELL BEING	22
		OUTSTANDING DRIVING COMFORT	24
		A LIVING AREA JUST LIKE HOME	26
5 GOOD REASONS TO CHOOSE RENAULT TRUCKS	04	PERSONALISE YOUR TRUCK	28
		ACCESSORIES FOR EVEN MORE COMFORT	30
AN EXTENSIVE SERVICE HELPING YOU TO OPTIMISE YOUR PRODUCTIVITY	06	TECHNOLOGY SERVING SECURITY	32
EXPERTS AT YOUR SIDE, AT YOUR SERVICE	08	SAFETY EQUIPMENT TO SUPPORT YOU	34
DRIVE WITH COMPLETE PEACE OF MIND	10	TO FIND OUT MORE...	36
COMFORTABLE ON ALL SURFACES	12	RANGE POSTER	38
A DRIVELINE DESIGNED FOR FUEL ECONOMY	14	DRIVELINE	39
A CUSTOMISED VEHICLE	16	CABS	40
A VEHICLE ALWAYS ON THE MOVE	17	CHASSIS	41
RUGGED TRUCKS FOR DEMANDING ACTIVITIES	18	CONTRACTS	42
A TRUCK ADAPTED TO YOUR WORK SITES	20		
ALL-IN-ONE FINANCING	21		



5 good reasons to choose Renault Trucks

Renault Trucks is the ideal partner for completing your mission successfully. We are relentless in seeking out new solutions to provide you with the best support and to meet your requirements.

Our network of experts, our reliable, robust and comfortable vehicles, combined with adapted and connected services are so many good reasons to choose Renault Trucks!



1 A NETWORK OF PROFESSIONALS at your side and at your service



2 SERVICE OFFERS at your side for your entire journey



3 A NEW CAB with equipment that has been redesigned with your comfort in mind



4 TECHNOLOGY AND ENGINES that are increasingly efficient to save fuel



5 NEW SAFETY EQUIPMENT to reassure you in your daily activities

An extensive service helping you to optimise your productivity

Renault Trucks vehicles are connected, allowing you to benefit from service offers to ensure maximum uptime of your truck. This makes Renault Trucks the best partner to optimise your vehicle's operating time, optimise its full potential and plan for the unpredictable. Enabling you to manage your activity with total peace of mind.

« Renault Trucks is the best partner for completing my mission successfully ».



Experts at your side, at your service

- Experts, trained technicians
- Extended opening hours, including Saturday mornings*
- Fast appointments for repairs and maintenance

*Depending on Renault Trucks authorised dealers.



Rely on our qualitative parts and assistance



2-Year warranty on our parts and labour

A 2-year warranty on parts breakdown and recovery warranty for all operations carried out by an approved Renault Trucks dealer.

Our Genuine parts

Choose quality genuine parts: reliable, robust and approved to maintain vehicle performance.

Our Reman offer

A range of remanufactured parts that meets the same technical requirements as new parts to guarantee perfect compatibility with your vehicle.



24/7
RENAULT TRUCKS

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.

Drive with complete peace of mind



Make the most of your fleet with our Optifleet solution



REDUCE YOUR ENERGY CONSUMPTION

Optifleet Check

- Monitor your vehicle's performance (fuel consumption, topography, speed)
- Improve your driver's driving style thanks to the Ecoscore personalised report



DRIVE WITH COMPLETE PEACE OF MIND

Optifleet Map

- Allows you to plan your routes



SAVE TIME

Optifleet Drive

- Allows you to download tachograph data remotely, so there is no need for vehicle downtime



VIEW THE STATE OF HEALTH OF YOUR VEHICLES

Optifleet Health

- Monitor your vehicle instrument panel warnings in real time
- Avoid time off the road due to breakdowns



REDUCE ACCIDENTS AND WEAR OF YOUR VEHICLES

Optifleet Safety

- Monitor events linked to vehicle safety
- Improve the safety of your drivers and road users
- Identify risky behaviour

Maximise availability and control your maintenance costs with Start & Drive Predict

MAINTENANCE AND REPAIR COSTS COVERED

Avoid unforeseen costs: a Start & Drive Predict contract controls your costs.

CONNECTED AND CUSTOMISED MAINTENANCE PLAN

We consider uptime as crucial. Our maintenance planning and grouping maintenance operations together are designed to minimise downtime to suit the actual use of your vehicle. Your vehicle's original performance levels are maintained by following Renault Trucks, recommendations.

PREDICTIVE MAINTENANCE



With Start & Drive Predict, benefit from data monitoring in real time in order to:

- Optimise maintenance
- Anticipate breakdowns

REMOTE SERVICES

You can connect to your vehicles even if they are not moving, and update software without needing to stop the vehicle.



Comfortable on all surfaces

As efficient on the track as it is on the road, the Renault Trucks C enables you to reach your delivery points with complete peace of mind. Its short turning radius and traction properties make it easier for these vehicles to reach difficult to access or remote sites.

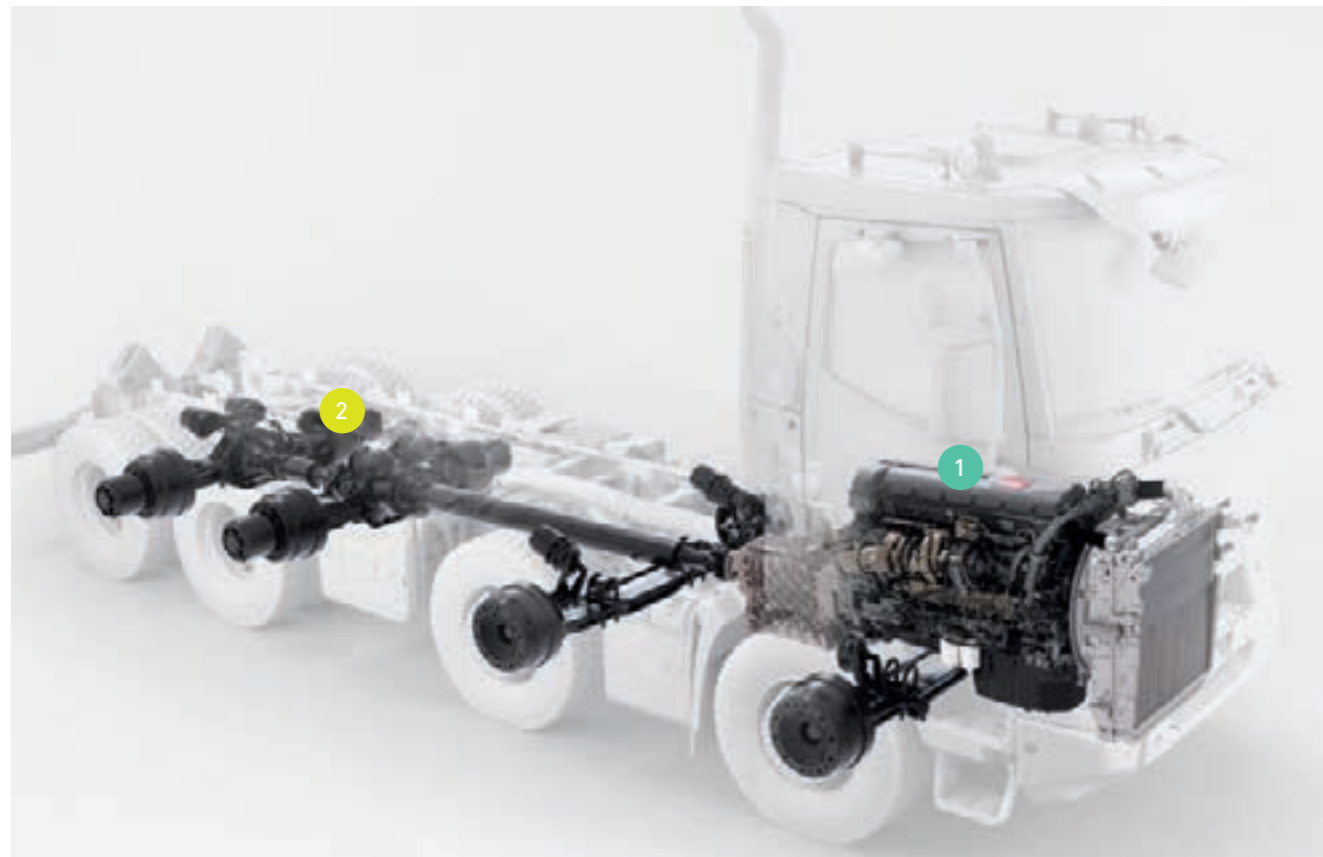


« Renault Trucks allows me to have a tailor-made vehicle which totally meets the very specific needs of my mission ».

A driveline designed for fuel economy

We are relentless in our quest for efficiency and we will provide you with the optimum fuel efficiency for your vehicle use.

Thanks to the Turbo Compound, you can achieve up to a 10% reduction in CO₂ emissions and fuel consumption



Greater reliability and fuel savings :

- 1 DE11, DE13 and DE13 Turbo Compound engines and adapted oil change intervals
- 2 Optimised axle ratios

Our engines benefit from:

TURBO COMPOUND TECHNOLOGY

ENGINE COMBUSTION IMPROVED THANKS TO :

- Wave pistons
- New injectors
- Latest-generation filters

REDUCTION OF PARASITIC LOSSES

- Engine friction improvement
- Ball bearing Turbo compressor
- Electrical controlled variable steering pump
- New further efficient brake air compressor
- Even more efficient lubricants



Our engines, combined with the new technology and services, are part of an effort to decarbonise diesel vehicles through the reduction of CO₂ emissions

The latest update of the Optidriver gearbox :

- Which allows for 30% quicker and smoother gear shifts
- Dedicated Optimisation software

OPTIDRIVER XTREM

Focused on mining, quarrying, transport and heavy earthmoving applications, with reinforced components and a gearshift management programme adapted to the vehicle's load.

OPTIDRIVER XTREM + XTENDED

One or two extra-slow speeds available to improve performance and make starting the vehicle easier when carrying heavy loads.



A customised vehicle

Aluminum tanks and rims, disc brakes, single reduction tandem axles: made possible by its optimised unladen weight, the Renault Trucks C can carry a significant payload. The several pre-equipped features help to simplify and reduce the need for bodybuilding operations.

OUTSTANDING PAYLOAD AND EASY BODY MOUNTING

Up to a payload of 28.8t

- 3 types of exhaust outlets: left side, in the track and vertical
- Traction capacity up to 100 t on tractor and 6x4 rigid
- A front suspension offer up to 10 tons for a single axle or 20 tons for a double axle
- Mechanical and electrical provisions for installing cranes
- 3 types of bodybuilder fasteners: flexible, semi-flexible and rigid depending on the body
- Aluminum tanks for a weight reduced by as much as 50%



The C XLOAD 8x4 straight truck mixer with an unladen weight of 9 200 kg.

SPECIFIC EQUIPMENT TO OPTIMISE THE VEHICLE

- **Power take-offs**
to operate bodybuilders' equipment while driving or stationary, from 270 Nm to 2,000 Nm on the gearbox and / or the engine.
- **Corbels on the side frames**
to make body mounting operations easier.
- **Rear overhang**
available in 50 mm increments to avoid cutting the side members.

A vehicle always on the move

C range vehicles guarantee outstanding traction to reach all types of terrain.

SEVERAL MEANS OF AVOIDING OBSTACLES

- Inter-wheel and inter-axle differential lock on all models
- Ground clearance of 312mm under the front axle and up to 440mm under the tank
- 25° angle of attack with 100% steel bumpers
- Manual accelerator to maintain a constant speed whatever the relief of the ground
- Off Road mode for optimised gear changes

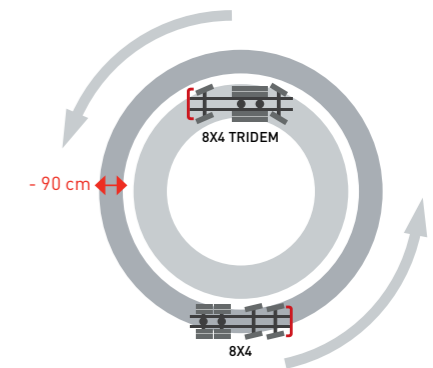
Even more pulling power

C OPTITRACK

Thanks to a hydrostatic traction system on the front wheels, Optitrack allows you to get out of difficult situations from 0 km / h. You benefit from increased traction while maintaining reduced vehicle weight and low fuel consumption.

C 8X4* 4 TRIDEM STRAIGHT TRUCK

The most manoeuvrable vehicle on the market with a steerable axle capable of carrying up to 9 tonnes and a turning radius up to 15% shorter than a standard 8x4.



Rugged trucks for demanding activities

The Renault Trucks C is made up of rigorously tested components and technical solutions. A robustness also reflected in the vehicle's exterior design.

- 1 Mechanical suspensions up to 10 t for severe application and pneumatic up to 9 t.
- 2 7 or 8 mm straight lengths
- 3 Steel and aluminium diesel tanks* designed for off-road use
- 4 Electrical harnesses and tyres separated to facilitate maintenance
- 5 Rear parabolic suspension or tyres from 13 to 26t



* plastic tank on 8x4 models



MECHANICAL OR PNEUMATIC REAR SUSPENSION

21t parabolic 3 blades, 26t parabolic 3 blades, 21t 2x2 cushions or 26t 2x4 cushions.



EXTENDED OFFER OF SIDE MEMBER REINFORCEMENTS

To guarantee the frame's mechanical resistance.



HEADLIGHT PROTECTION GRILLES

with standard polycarbonate optics for better impact resistance.



PLASTIC SHIELD

for road use (optional).



STEEL CORNER SHIELD

for mixed use (standard).



100% STEEL SHIELD

for off-road use (optional).

A truck adapted to your work sites



- 1 A 25° angle**
To evolve on all work sites
- 2 100% steel shield**
To limit maintenance costs in case of shocks
- 3 Towing hook with a capacity of 32 t**
- 4 Maximized ground clearance**
To evolve on work sites with peace of mind

- 5 Ultra light and robust double reduction axles**
optimizing your payload and preserving your operating costs
- 6 Renault Trucks offers the integration**
of maintenance control and the bodywork's safety elements on the new dashboard

All-in-one financing

Your financial partner, fluent in Trucks.

At Renault Trucks Financial Services, we speak your language and offer many financial solutions (Hire purchase, Financial & Operating leases, Contract Hire), as well as insurance products adapted to your needs. Our complete solutions allows you to fully control your total cost of ownership.



*All contracts pages 42-43

A new, optimised interior promoting driver well being

Within the interior of a Renault Trucks vehicle, the smallest details have been studied to combine convenience and ergonomics. Everything needed to create a genuinely homely atmosphere, at the wheel and during stopovers.

« The steering column allows a great deal more comfort, the driving position is much better ».

Outstanding driving comfort

1 Keyless vehicle starting using the start button

2 Smooth gear shifts thanks to the Optidriver gearbox

3 Smart direction indicator management
NEW

4 Steering wheel **NEW**

→ Functionality at your fingertips



5 Induction charger* **NEW**

6 2 USB-C plugs

7 Storage drawer

8 Cup holder

*optional

The best steering column on the market

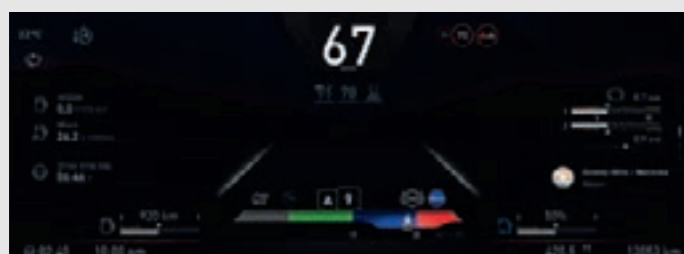
11 Multidirectional column

- 3 adjustable points so 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



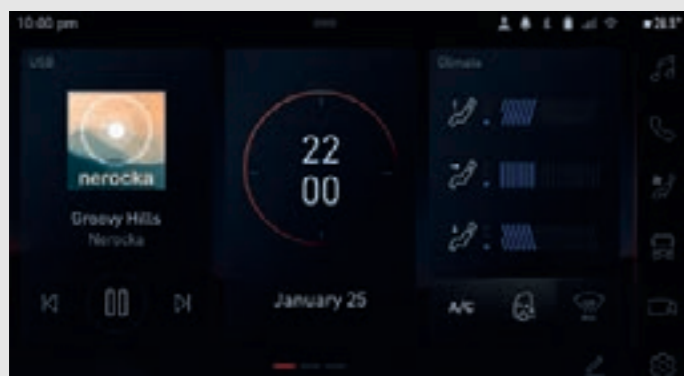
9 A modernised dashboard **NEW**

→ New dynamic, digital information display



10 A multifunction screen **NEW**

- 9-inch HD touch screen
- Driver aids (cameras, navigation)
- Multiple applications for configuring the vehicle screen
 - Call management
 - Music control



A living area just like home

With the Night & Day cab, find a comfortable and spacious living space with our bunks and storage offerings.

«Extensia*» large size lower bunk

- Length 2,009 mm
- Width 680 mm / possible 120 mm extension (extra sleeping space while preserving living area)
- Mattress thickness: 120 mm; density: 40 kg/m³
- Available with memory foam mattress* with density of 80 kg/m³

*optional

Ultra-comfortable «Sérénité» lower bed*

- Length 2018 mm
- Width 671 mm behind the seats, 791 mm in the centre
- Twice the springs and a thicker mattress capable of adapting to all body types
- Mattress can be separated from its base to add a fitted sheet
- New, easily cleaned textured fabric
- Memory foam mattress* (2000 mm x 700 mm x 30 mm), filling 300 g / m³, fabric to match the bunk upholstery



Personalise your truck

Dashboards

COMPACT
(NOT AVAILABLE ON
RENAULT TRUCKS T HIGH)



ANTHRACITE PANORAMIC



BLACK & RED PANORAMIC



Leather
(available with red stitching and foam)



Textile



Leather and textile



Metal disc +
chrome nut covers



Alcoa matt brushed
aluminium rims



Alcoa Dura-Bright
aluminium rims

Exterior paintings adaptations

Personalise your vehicle with our extensive range of paintwork options. This work, of a high quality is made by our experts in our plant. Renault Trucks makes its expertise available to you, to provide you with a completely personalised truck that is quickly available.

NO.	DESCRIPTION
F1	Mirror bracket
F2	Mirror liaison bracket
F5	PI
F6	Corner (without grilles and without attachment pads)
F7	Central bumper
F8	Mirror cover
F10	Mirror covers
F11	Handles
F13	Towing yoke trim pieces
F14	Front grilles
F27	Headlight trims for plastic bumper



NO.	DESCRIPTION
F15	Moulding strip trim
F17	Mirror cover
F18	Wheel rim (steel version only)
F19	Door lock
F20	Upper and rear fenders
F21	Exhaust cover plate
F22	Front face (without logo) + upper grill
F26	Steps (right-hand and left-hand)



Accessories for even more comfort



Bi-LEDs roof bar



White working light



Water fountain



Cooler



Bottle holder*



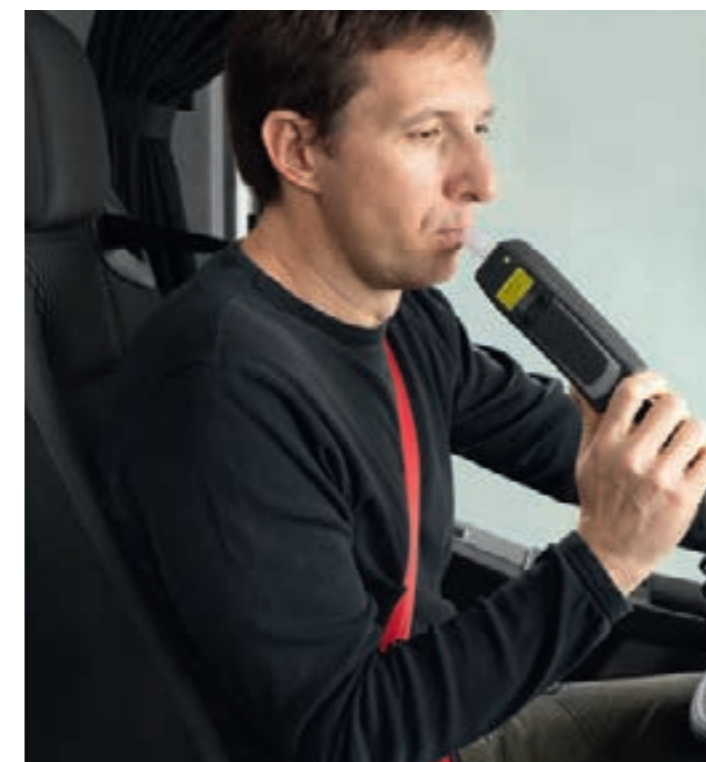
Independent air conditioner



New Force seat covers



Backrest cushion and mattress topper



Alcohol ignition interlock device



Floor mats



Air blower

*standard on vehicle with a bunk

Technology serving security

The Renault Trucks C incorporates the latest driver assistance technologies and the most efficient braking systems. This guarantees the driver's safety, as well as that of pedestrians, cyclists and other road users.

en option

« All of the controls and instrumentation lights are within reach and sight! »

Safety equipment to support you



Radars and cameras located all around your truck **NEW**

They warn you and alert you to ease your manoeuvres. You prevent any risks of accident.

Possibility to add 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 maneuvers*.

*On request for adaptation



Driver fatigue detection and lane departure warning system (LDWS/DDAW*)

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

*Lane Departure Warning System / Driver Drowsiness & Alertness Warning



Automatic Emergency Braking System (AEBS)

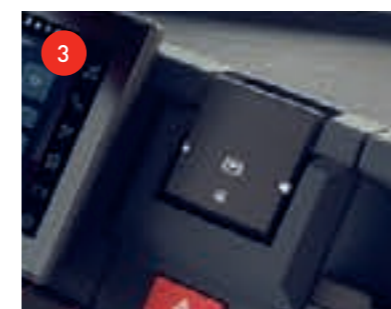
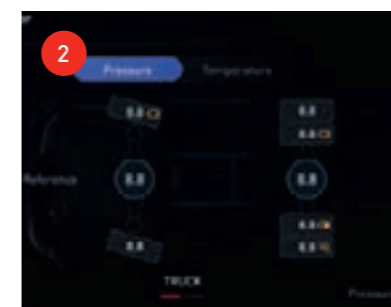
Warns of a possible collision, then brakes and stops the vehicle if any action from the driver.

The hazard warning lights are activated automatically.



Hill start assist

Automatically manages braking when starting to climb, making it easier to set the vehicle in motion and prevent it from rolling back.



1 Automatic activation of headlights and windscreen wipers

→ Improves visibility and allows the driver to concentrate on the road

2 Tire Pressure Monitoring System (TPMS) **NEW**

→ Located on the rims of the truck and of its body, the sensors warn you and alert you on any problems about tire pressure or temperature, which provides you peace of mind

3 Antirunaway mode

→ Emergency parking brake application
→ Stopping the vehicle in case of driver's mishandling

4 Mechanical anti-intrusion locking*

→ For greater safety in the cab when the vehicle is parked

5 Speed Assistance** (ISA***) **NEW**

→ 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

6 Driver Airbag* **NEW**

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

7 Yellow painted cab access steps / handles*

→ Improves safety when getting into and leaving the vehicle

*Optional

To find out more...



Range poster

Cabs	Type	Silhouettes	PTC/PTR (tonnes)	Engines	Power (hp)	Gearbox
Day Cab Night & Day Cab* Sleeper Cab* Crew Cab (6 and 8 places)**	Flatbed	4x2 Optitrack	18-19 / 70	DE11	380	Optidriver 12 speeds Optidriver Xtrem 12 speeds Optidriver Xtended 13 speeds
		6x2 & 6x2*4 Optitrack	26 / 70		430	
		6x4 Optitrack	26 / 100	460		
		8x4 & 8x2*6 Tridem 8x4 Tridem Optitrack	32 / 80	440 480 520		
	Tractor	4x2 Optitrack	18-19 / 70	DE13 TC*	440	
		6x4 Optitrack	26 / 100		480	

* DE13 TC: available as an option on 4x2 / 6x2, Sleeper Cab and Night & Day Cab. ** XL or XXL Cab.



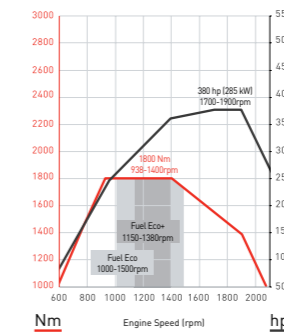
Driveline

DE11 EURO VI ENGINE

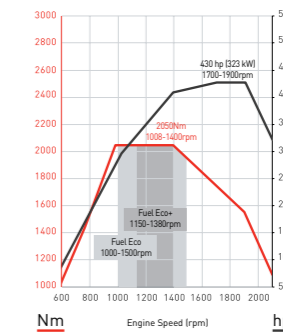
285 kW (380 hp) – 1800 Nm
323 kW (430 hp) – 2050 Nm
344 kW (460 hp) – 2200 Nm

Displacement	10,8 l
Cylinders	6 in line
Distribution	Rear
Bore	123 mm
Stroke	152 mm
Compression ratio	18:1
Weight (including oil)	965 kg

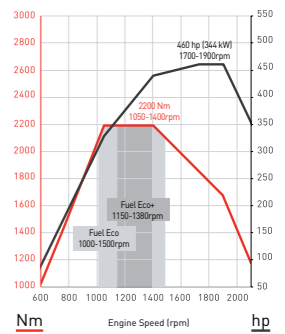
DE11 - 380 hp



DE11 - 430 hp



DE11 - 460 hp

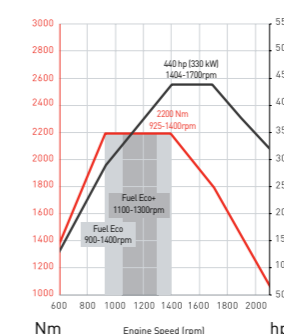


DE13 EURO VI ENGINE

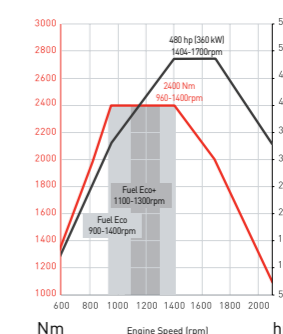
330 kW (440 hp) – 2200 Nm
360 kW (480 hp) – 2400 Nm
390 kW (520 hp) – 2550 Nm

Displacement	12,8 l
Cylinders	6 in line
Distribution	Rear
Bore	131 mm
Stroke	158 mm
Compression ratio	18:1
Weight (including oil)	1 067 kg

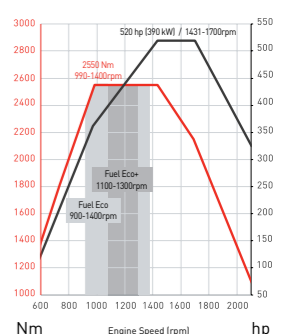
DE13 - 440 hp



DE13 - 480 hp



DE13 - 520 hp

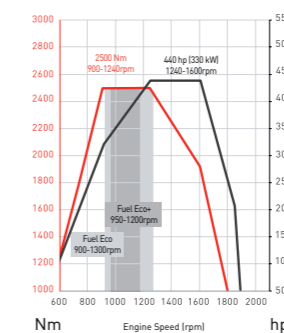


DE13 TC EURO VI ENGINE

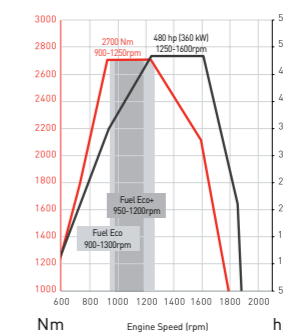
330 kW (440 hp) – 2500 Nm
360 kW (480 hp) – 2700 Nm

Displacement	12,8 l
Cylinders	6 in line
Distribution	Rear
Bore	131 mm
Stroke	158 mm
Compression ratio	18:1
Weight (including oil)	1 196 kg

DE13 TC - 440 hp

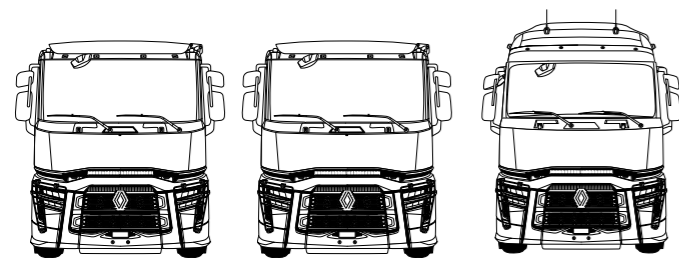


DE13 TC - 480 hp

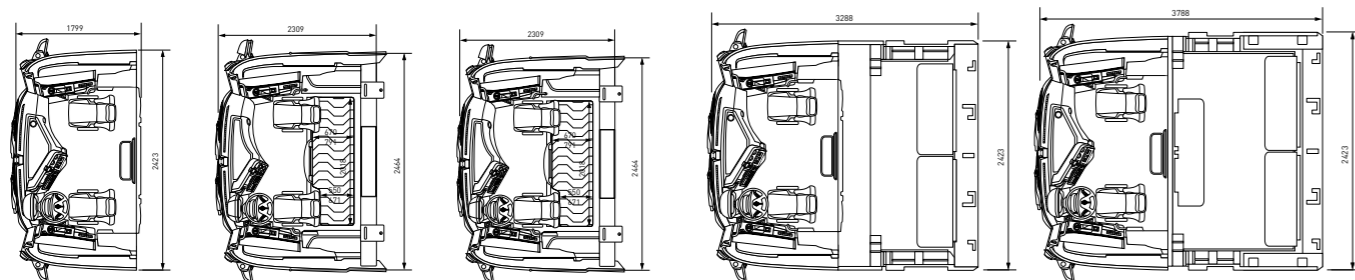
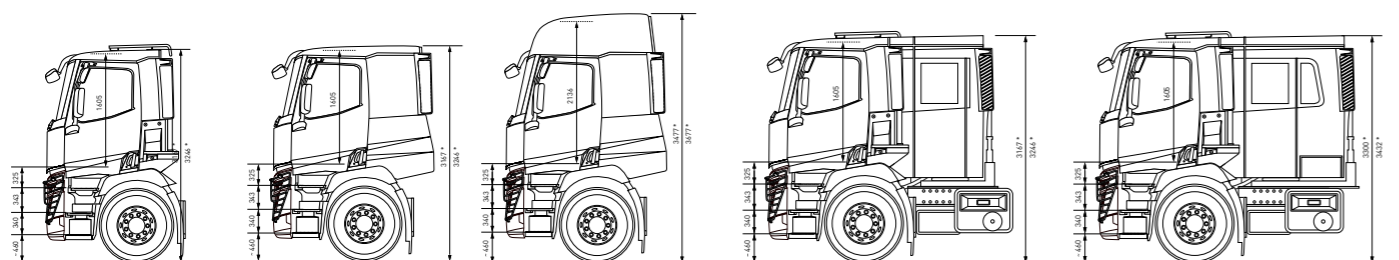
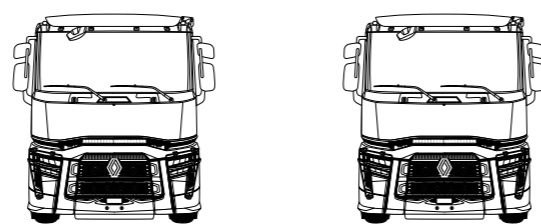


Cabs

DAY CAB - NIGHT & DAY CAB - SLEEPER CAB



XL CAB - XXL CAB



* Loaded / empty

	DAY CAB	NIGHT & DAY CAB	SLEEPER CAB
Type	Day cab Standard roof	Deep cab Standard roof	Deep cab High roof
Interior height	1 605 mm	1 605 mm	2 136 mm
Tunnel height	1 405 mm	1 405 mm	1 936 mm
Floor	Engine tunnel 200 mm		
Steps	3		

	XL CAB	XXL CAB
	4 door cab 6 seats	4 door cab 8 seats
	1 605 mm	1 605 mm
	1 405 mm	1 405 mm
	Engine tunnel 200 mm	
	3	

Chassis

PROFILES

4x2	4x4H Optitrack	6x2 Fixed axle	6x4H Optitrack	6x2 Steering axle	6x4H*4 Optitrack	6x4
Tractor Flatbed	Tractor Flatbed	Flatbed	Flatbed	Flatbed	Flatbed	Tractor Flatbed
On-road Off-road	On-road Off-road	On-road	On-road	On-road	On-road	On-road Off-road

6x6H Optitrack	8x2*6 Steering axle	8x4*4 Tridem	8x6H*4 Tridem Optitrack	8x4
Tractor Flatbed	Flatbed	Flatbed	Flatbed	Flatbed
On-road Off-road	On-road	On-road Off-road	On-road Off-road	On-road Off-road

WHEELBASES

		3000	3200	3400	3500	3600	3700	3800	3900	4000	4300	4350	4600	4800	4900	5100	5200	5600	6000	6400	6500	6700	
Flatbed	4x2			■	■		■			■	■		■	■	■		■	■	■	■	■	■	■
	6x2				■		■		■	■	■		■	■	■		■	■	■	■	■	■	■
	6x4		■	■			■		■		■		■	■	■		■	■	■	■	■	■	■
	8x2															■		■	■	■	■	■	■
	8x4										■	■	■	■	■	■	■	■	■	■	■	■	■
Tractor	4x2				■		■	■															
	6x4	■	■			■			■														



The Renault Trucks driver's handbook

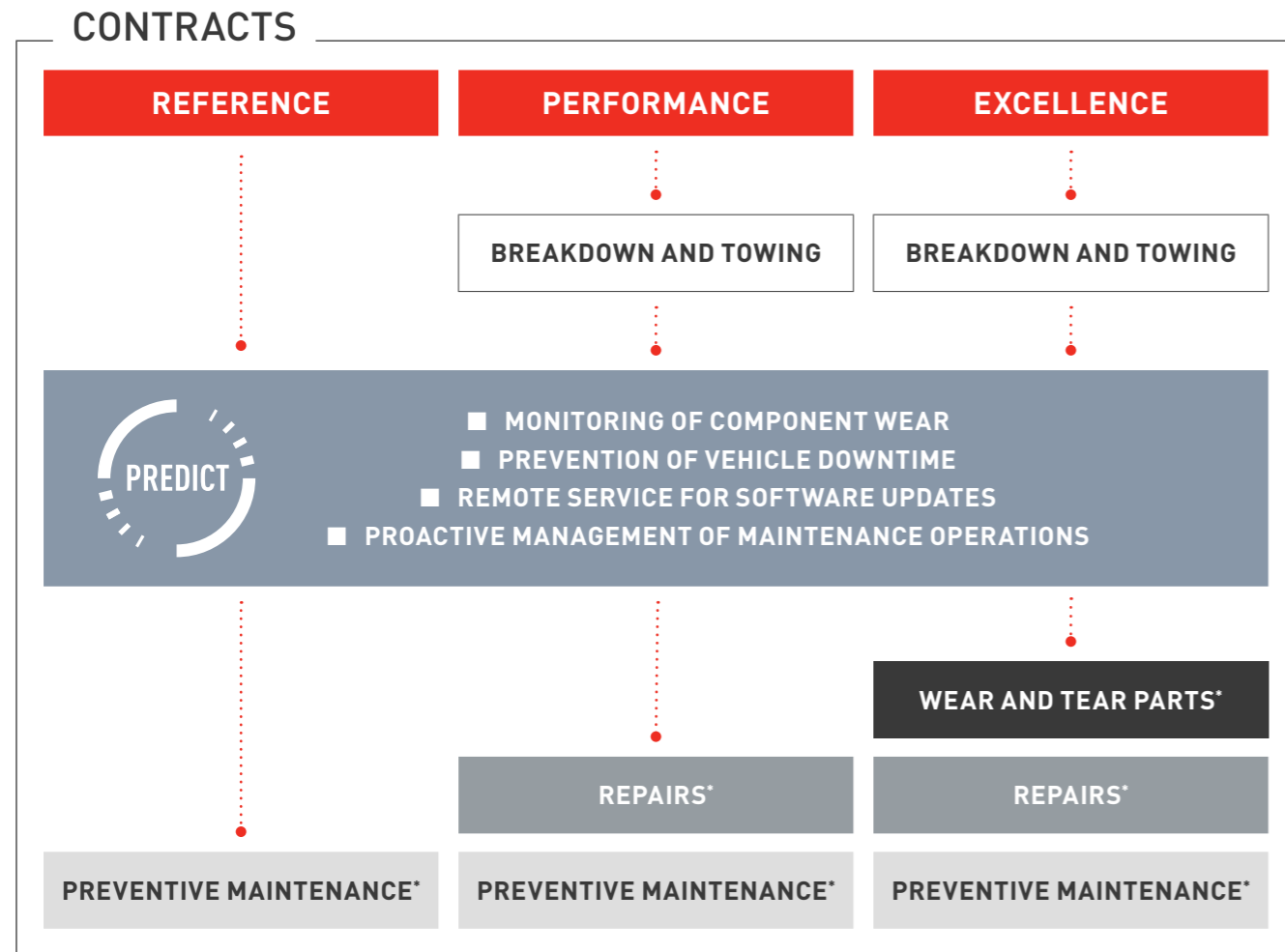
Accessible via this link

It is available for ranges T/C/K produced after July 2021



Contracts for diesel vehicles 0 to 5 years old

List of parts covered by repair and preventive maintenance



*see table for the list of parts and services covered.

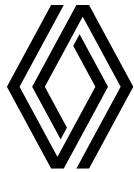


	REFERENCE	PERFORMANCE	EXCELLENCE	
WEAR AND TEAR PARTS	Batteries		■	
	Brake discs and drums		■	
	Brake linings and pads		■	
	Clutch		■	
REPAIR	Engine		■	
	Gearbox		■	
	Transmission		■	
	Final drive axle		■	
	Injection system		■	
	Air compressor		■	
	Emissions control system		■	
	Electronics		■	
	Suspension		■	
	Steering		■	
	Chassis cab		■	
	Alternator/Starter motor		■	
	PREVENTIVE MAINTENANCE	Engine oil change	■	■
		Gearbox oil change	■	■
Final drive axle oil change		■	■	
Filter replacement		■	■	
Drive belts		■	■	
Particulate filter		■	■	
Annual checks and services		■	■	



05/2023

We recommend Renault Trucks Oils.
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
Non contractual photos



**RENAULT
TRUCKS**