



Heavy construction

RENAULT TRUCKS K

renault-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.

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5 reasons to choose Renault Trucks

Renault Trucks is the ideal partner for completing your mission successfully. We constantly develop 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
optimised
to save fuel



5

NEW SAFETY EQUIPMENT
to reassure you in
your daily activities

360° transport solutions for total peace of mind

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*
- 1400 service points worldwide

*Depending on Renault Trucks authorised dealers.



Reliable solutions for peace of mind



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

Ideally suited to quarries, mud and uneven surfaces, the Renault Trucks K makes sure your assignments will be completed successfully, even on the most challenging terrains. The range's wide diversity coupled with the drivelines's optimisation makes your business more productive.

« 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.

Reduce CO₂ emissions and fuel consumption by up to 5%.



Greater reliability and fuel savings :

- 1 DE11 and DE13 engines and adapted oil change intervals

Our engines benefit from:

AN ENGINE COMBUSTION IMPROVED THANKS TO:

- Wave pistons
- New injectors
- Latest-generation filters

A REDUCTION OF PARASITE 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 Optivision 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 XTENDED

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



Robust strength to meet every challenge

The Renault Trucks K uses rigorously tested components and solutions. Robustness also reflected in vehicle's exterior design.

Cyclonic air pre-filter
suitable for use in dusty environments.

Mechanical suspension from 8 to 10 t
with greased joints for use in extreme conditions.

8 mm straight sidemembers

Electrical and pneumatic harnesses bundled separately
for easier maintenance.

Steel and aluminium diesel tanks
designed for off-road use.

Headlight protection shields
with polycarbonate optics (standard) set back from the shield for better impact resistance.

Optidriver XTREM
Reinforced gearbox for tough applications.

Protection screens
on devices liable to impacts: EACU, pneumatic devices.

100% Steel headlight cover
as standard in three parts, to reduce maintenance costs.

Semi-elliptical or parabolic suspensions
26t 3 blade parabolic, 32t 11 blade semi-elliptical, 38t 4 blade Xtrem parabolic.

Extended offer of sidemember reinforcements
to ensure the frame's mechanical resistance.



Outstanding crossing capacity

Chassis, drivetrain and cab all combine enabling you to work and travel under the most extreme situations with maximum traction and efficiency. This performance is backed up by its steering precision and short turning radii providing excellent handling.

Reduced turning radius,
to make manoeuvring easier

**Best angle of attack on
the market: 32 ° ***

**515 mm ground
clearance under the tank**

**380 mm ground
clearance under the axle**

**Double reduction
tandem axle**
for more traction on difficult
terrain.

**4x4, 6x6, 8x6 and 8x8
models**
to increase vehicle traction.

Protective screen
under the radiator and the air
management elements as
well as the steel engine bowl.

**Inter-wheel and
inter-bridge differential
locking**
standard on all models.

Everything is designed for the driver's well-being

On board a Renault Trucks vehicle, the smallest details have been studied to combine convenience and ergonomics. Just what you need to really feel at home, both behind the wheel and during stopovers.

« The steering column allows 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

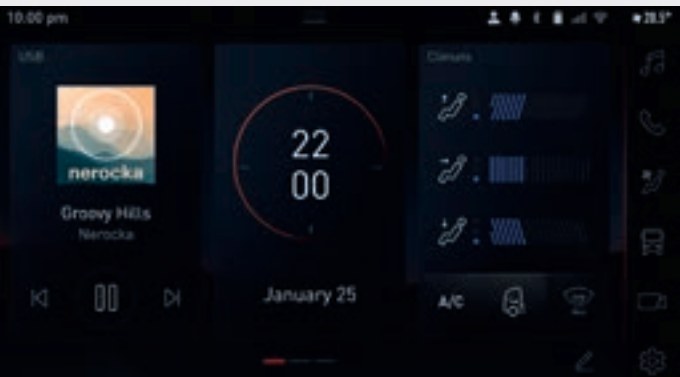


9 A modernised dashboard **NEW**
→ New dynamic, digital information display



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



Technology for a better security

The Renault Trucks K includes the latest driving assistance and the most effective braking systems. This guarantees the safety of the driver, of the vehicle and around it, such as pedestrians, cyclists and vulnerable road users.



« 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.

Option to add 5 digital cameras to monitor the load or the fifth wheel for docking*

Option 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



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.



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.



→ Yellow painted cab access steps / handles

Improves safety when getting into and leaving the vehicle.



→ Standard headlight grilles and plastic trims*

* optional



→ Antirunaway mode

Vehicle immobilised in case of driver-side door open.



→ Security sensors

Ultrasonic presence sensors detect vulnerable road users on the side opposite the driver. The alert is given by visual (LED) and audible indicators.



→ Vision door

The door opposite the driver has an additional window at the height of cyclists and pedestrians.

OTHER SAFETY ELEMENTS:

→ Neutral avoidance:

Prevents the driver from shifting into neutral mode when driving downhill.

→ ESC

Electronic Stability Control

→ ASR

Anti Slip Regulation

To find out more...



Personalise your truck

Dashboard

COMPACT



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 large 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.

N°	DESCRIPTION
F1	Mirror bracket
F2	Mirror liaison bracket
F5	Pi
F8	Mirror cover
F10	Mirror covers
F11	Handles
F22	Front face (without logo) + upper grill
F23	Corner (without grilles and without attachment pads)
F24	Headlamp bezels



N°	DESCRIPTION
F9	Sunvisor
F15	Moulding strip trim
F16	Air Intake trim
F17	Mirror cover
F19	Door lock
F20	Upper and rear fenders
F21	Exhaust cover plate
F26	Steps (right-hand and left-hand)



Accessories for even more comfort



Water fountain



Cooler



Bottle holder*



White working light



Anti fuel theft device



Bi-leds roof bar



Independent air conditioner



New Force seat covers

*standard on vehicle with a bunk

Range overview

Cabs	Type	Silhouettes	GVW/GCWR (tonnes)	Engines	Power (hp)	Gearbox	Chassis
Day Cab Night & Day Cab Sleeper Cab Crew Cab Crew cabs (XL and XXL)	Straight Truck	4x2	18-19 / 70	DE11	380 430 460 440 480 520	Optidriver 12 speeds	Medium Heavy Xtrem
		4x4					
		6x4	26 / 100 35 / 100			Optidriver Xtrem 12 speeds	
		6x6					
		8x4	32 / 80 42 / 80 50 / 80			Optidriver Xtrem 12 speeds	
		8x6					
	Tractor	8x8*	50 / 70	DE13	Optidriver Xtended 13 or 14 speeds**		
		4x2	19-21 / 70				
		4x4	19-21 / 65				
	6x4	26 / 120					
	6x6	35 / 100					

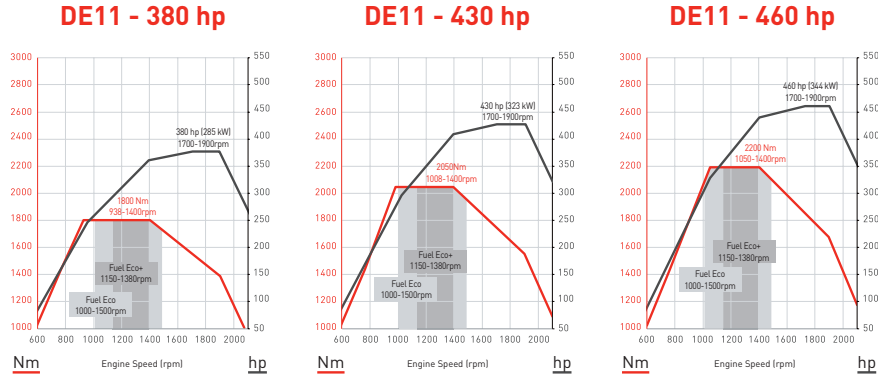
* 8x8 rigid with DE13 engine only.
** Optidriver Xtended 14 gears available with 4x4, 6x6 and 8x8.

Driveline

DE11 EURO VI ENGINE

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

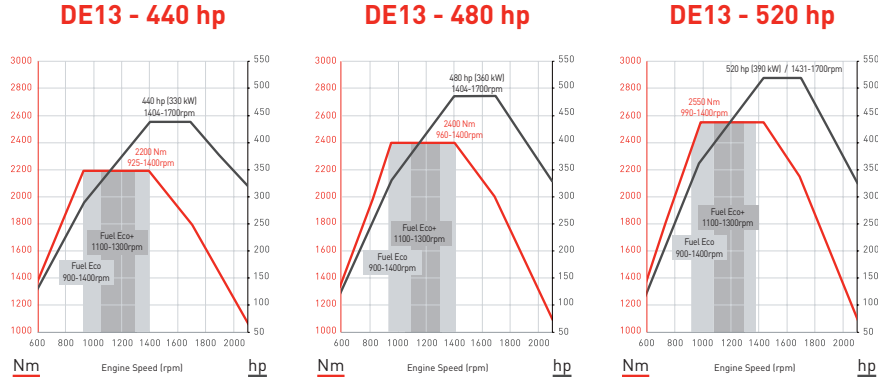
Displacement	10,8 l
Cylinders	6 in line
Distribution	Rear
Bore	123 mm
Stroke	152 mm
Compression ratio	18:1
Weight (including oil)	965 kg



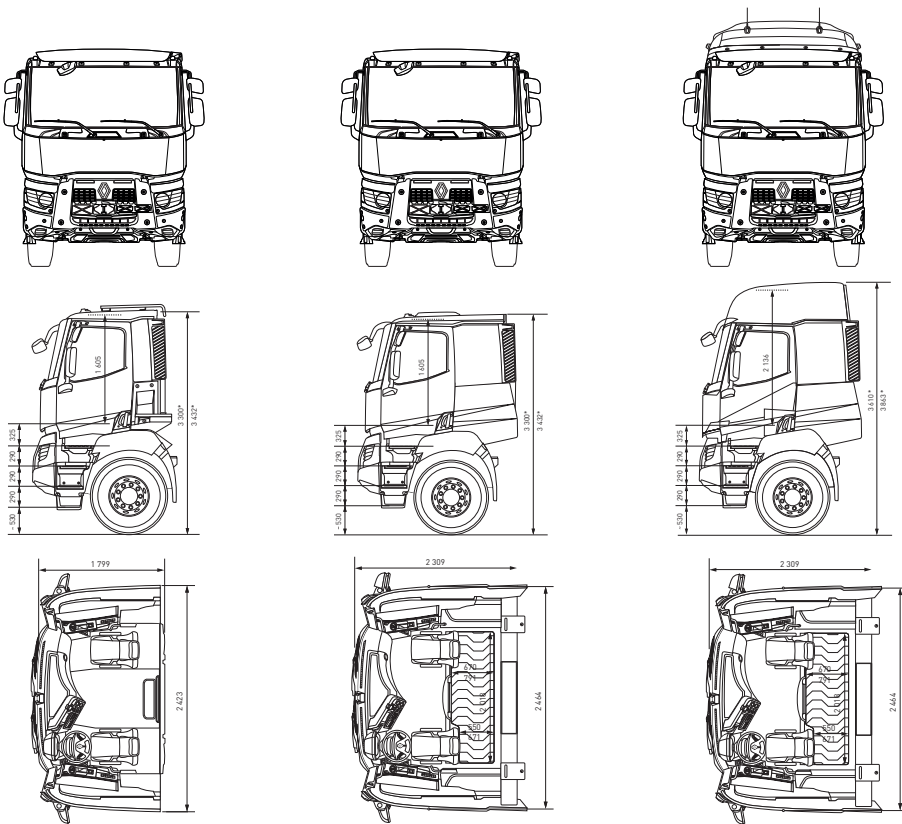
DE13 EURO VI ENGINE

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

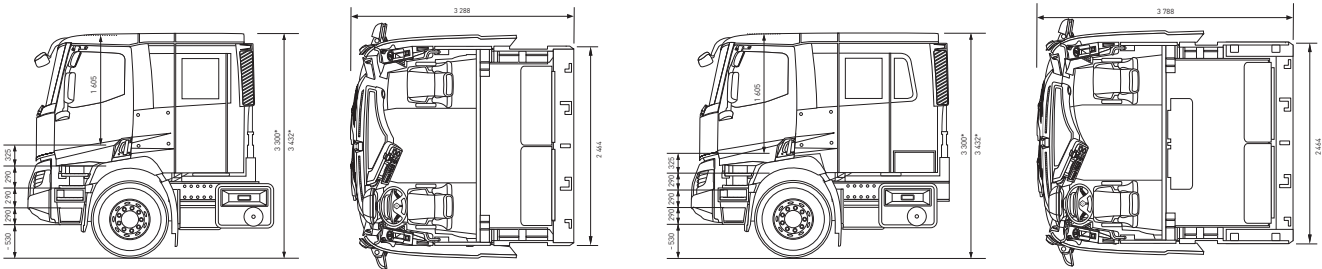


Cabs



* Loaded / Empty

		DAY CAB	NIGHT & DAY CAB	SLEEPER CAB
Type		Short cab Standard roof	Day cab Standard cab	Day cab High cab
Interior cab		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	4x2 - 6x4 - 8x4	3		
	4x4 - 6x6 - 8x6 - 8x8	4		



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	
4	

* For all 4x2 and 4x4 tractors

Chassis

DESIGN

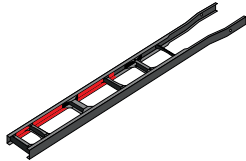
4x2	4x4	6x4	6x6	8x4	8x6	8x8
Tractor Straight truck Off-road	Tractor Straight truck Off-road	Tractor Straight truck Off-road	Tractor Straight truck Off-road	Straight truck Off-road	Straight truck Off-road	Straight truck Off-road

WHEELBASES

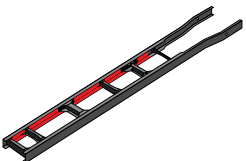
		3 000	3 200	3 400	3 600	3 700	3 800	3 900	4 000	4 300	4 350	4 600	4 700	4 900	5 100	5 200	5 300	5 600	6 000
Straight Truck	4x2																		
	4x4																		
	6x4																		
	6x6																		
	8x4																		
	8x6																		
Tractor	8x8																		
	4x2																		
	4x4																		
	6x4																		

CHASSIS FRAME

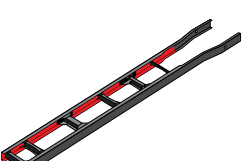
- 1 080 mm in the front.
- High quality steel: class G.
- The chassis is assembled with rivets and bolts to ensure the greatest durability of the whole.
- Several reinforcements available to ensure the frame's mechanical resistance.
- 850 mm in the rear.



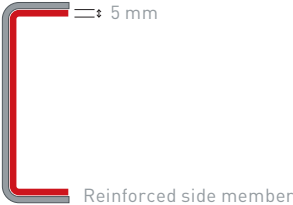
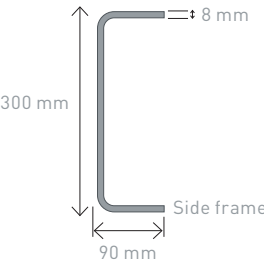
Medium Chassis



Heavy chassis



Xtrem Chassis



SUSPENSIONS

- Parabolic front suspensions with a capacity of 7.5 (tractor), 8, 9, 10, 14.2, 15, 16, 18 and 20 t.
- Parabolic rear suspension with a capacity of 13 or 15 t for a bridge.drive axle.
- Rear suspension with a capacity of 26 t (parabolic) and 32 t (semi-elliptical) for tandem.
- Xtrem: 38 t reinforced rear parabolic suspension.



The Renault Trucks driver's handbook

Accessible via this link
It is available for ranges T/C/K produced after July 2021



Notes

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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



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TRUCKS**

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