

201013 600 TATA

RENAULT TRUCKS





RENAULT TRUCKS_T HIGH 2

RENAULT TRUCKS T HIGH

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FINISHING



POWERTRAIN

Renault Trucks engines are developed using proven technology. With the DTI 13 engine, you will have the power required to reach high commercial speed adapted to your demanding activities. And the reduced fuel consumption and maintenance costs ensure you a high degree of productivity.

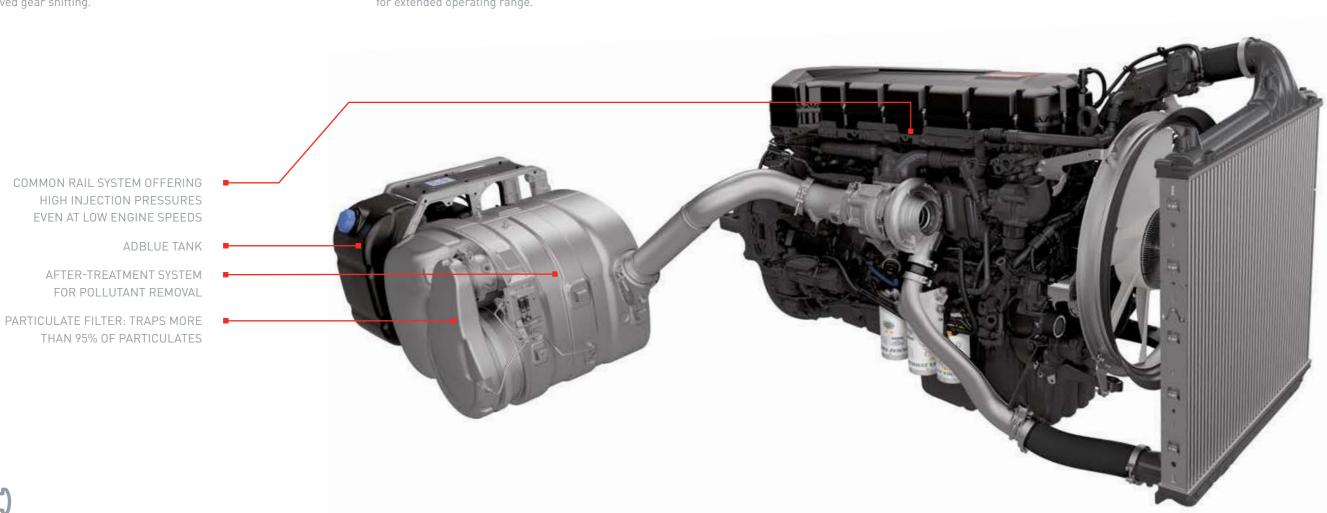


OPTIDRIVER GEARBOX for improved gear shifting.





CAPACITY UP TO 1,475 L for extended operating range.







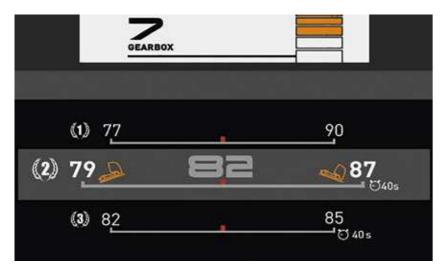
DESIGNED TO DELIVER FUEL SAVINGS

With a trapezoid-shaped 12° inclined windscreen; the cab has been designed to reduce your fuel consumption. A range of equipment further improves aerodynamics.



SAVE EVEN MORE FUEL

Everything has been done to further reduce your fuel consumption: optimised unit weights, onboard technologies and rational driving instruction. These items of equipment and services. available on the Range T High.





OPTIMISED FUEL CONSUMPTION WITH OPTIROLL



speed reduction of 5 km/h maximum. Downhill driving:

speed increase of 8 km/h maximum.



COMPROMISE BETWEEN FUEL CONSUMPTION AND CRUISING SPEED WITH OPTIROLL



Uphill driving: speed reduction of 3 km/h maximum. Downhill driving:

speed increase of 5 km/h maximum.



MAINTAINS SET CRUISING SPEED



with three driving modes for the driver to choose from.



ALUMINIUM WHEELS reduce vehicle weight by up to 160 kg



ALUMINIUM AIR TANK up to 50% lighter than a steel tank.



ALUMINIUM FUEL TANK 50% lighter than a steel tank.

ALUMINIUM FIFTH WHEEL

reducing vehicle weight by 22 kg.



uses road topography to optimise gear shifting. Every route the vehicle follows has been recorded during a previous assignment via an on-board sensor or by another vehicle equipped with the Optivision system. This information is then combined with the vehicle's GPS coordinates.



OPTIMISED CHASSIS WEIGHT saving up to 114 kg compared with the previous standard Renault Trucks T.

UP TO 15% FUEL SAVINGS WITH OPTIFUEL **PROGRAMME**



OPTIFUEL PROGRAMME

our global solution designed to reduce your company's fuel costs. Combining Optifuel Training and Optifuel Infomax, the programme is designed for driver trainers and fleet managers who can then, in turn, train their drivers.

GEO-LOCATE YOUR VEHICLE AT ANY TIME



OPTIFLEET

A fleet management solution enabling vehicles to communicate and exchange data with their operational bases in real time. This system makes it possible to rate and rank drivers according to their driving styles at a single click.

OPTIMUM USE OF THE VEHICLE FROM THE FIRST MILE



OPTIFUEL HANDOVER

vehicle handover programme for optimum use from the first mile.

ECONOMIC DRIVING TRAINING



OPTIFUEL ACADEMY DRIVER TRAINING

a module for drivers providing them with training in economic driving and preservation of the driveline.

MONITOR YOUR FUEL CONSUMPTION

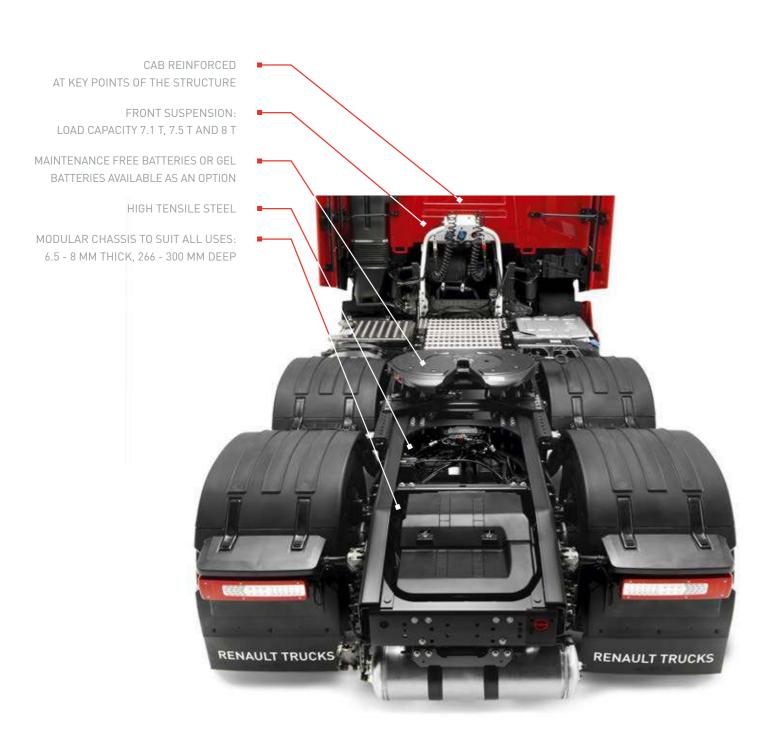


OPTIFUEL INFOMAX

a software package presenting detailed driving and fuel consumption analysis.

DRIVE FURTHER FOR LONGER

The Renault Trucks Range T High has been designed with rigorously tested robust components, units and solutions. The chassis and cab have been reinforced to ensure maximum reliability and durability.





REAR AIR SUSPENSION design capacity 13 t.



SEPARATION OF WIRING HARNESSES AND AIR PIPES for easier maintenance.



SIDE MEMBER REINFORCEMENTS CAB AIR FRONT SUSPENSION to suit application.



suitable for heavy-duty use for improved vehicle stability.

TESTED IN EXTREME CONDITIONS

From -40°C to +60°C and in all climate conditions, Range T High trucks have been tested in extreme environments to meet the demands for reliability and robustness. Fifty three vehicles have been operated in real conditions by partner customers before being marketed in order to further improve their quality and meet the day-to-day challenges of your activity.





TESTED ON A GRUELLING TEST TRACK to confirm suspension strength and reliability.



VIRTUAL REALITY to optimise the ergonomic layout of the driving position.



WIND TUNNEL to measure cab air flow resistance.



FRONTAL IMPACT to measure the impact resistance of the cab.

10 MILLION KM OF TESTS **PERFORMED UNDER EXTREME CONDITIONS** FROM -40°C TO +60°C



EXTREME TEMPERATURE TEST

in Almeria, Spain to measure vehicle resistance to harsh conditions (dust, heat, etc.).

ALWAYS BY YOUR SIDE

Renault Trucks is at your service throughout your vehicles entire working life to ensure you can count on its maximum operational availability.



START & DRIVE

repair and maintenance contracts geared to your vehicles activity to keep your budget under control and help ensure your working tools maximum operational availability.



RENAULT TRUCKS FINANCE AND INSURANCE

customised finance and insurance solutions for the optimal funding of the vehicle.



GENUINE PARTS

Renault Trucks original spare parts ensure your vehicles continue to deliver optimal levels of performance over time.







NETWORK

a large number of service and repair points throughout europe.



24/7 BUTTON

located within reach of the driver, the 24/7 button helps to geo-locate the vehicle through the 24/7 platform.



RENAULT TRUCKS 24/7

a network of experts on hand to reply in 16 languages and efficiently manage assistance and repair operations. A quality service round the clock seven days a week.

MORE THAN 1,600 SERVICE & REPAIR POINTS WORLDWIDE



ERGONOMIC DRIVING POSITION

A wide range of seat and steering wheel adjustments offer the driver an ideal driving position. The large intuitive colour display shows all information at a glance.







STEERING WHEEL ADJUSTABLE IN THREE DIMENSIONS* height, depth and rake.



EASY ACCESS to and from the driving position.



STEERING WHEEL-MOUNTED CONTROLS for telephone and menu navigation.



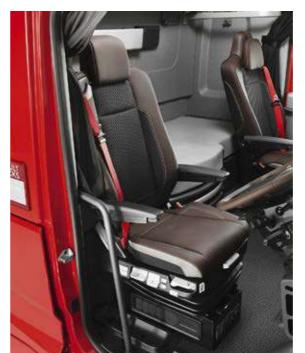
AUTOMATIC DE-FROSTING of the side windows, windscreen

and rearview mirrors.



for increased driving comfort.

AIR CONDITIONING AND OPTIDRIVER CONTROL



AIR-SUSPENDED SEATS

with integral seat belts, head rests. Ventilated and heated seats* side and lumbar support adjustment; slide adjustment range of 20 cm*.



MANAGEMENT OF REARVIEW MIRRORS AND WINDOWS

one-touch window lift and electrical adjustments for main and wide angle rearview mirrors*.



SWITCH LOCATIONS CAN BE CHANGED to customise the driving position.



ROTARY SWITCHES



EVERYTHING FOR A COMFORTABLE LIFE ON BOARD

With an increased cab volume, multiple storage spaces, spacious rest area and carefully considered finishes and interior trim designs, the Renault Trucks Range T High offers your drivers a comfortable life on board.



SPACIOUS CAB WITH ERGONOMIC ACCESS

with a fold-up shelf and additional storage console at the rear of the cab comprising three storage compartments.



REMOVABLE BACKREST for a better living comfort.



THREE AMBIENT LIGHTING MODES* active, night driving and rest time.



FLAT FLOOR CAB to enhance the driver's life on board.



SILENT OPERATION ELECTRIC REFRIGERATOR 40 litre capacity.



NUMEROUS OPTIMISED STORAGE COMPARTMENTS including five above the console, one of which is lockable.



REMOTE CONTROL multi-function wired*.



THE PERFECT WORKING TOOL

Accessibility to the cab and chassis has been designed to make the driver's day-to-day work easier and facilitate vehicle servicing. More than a truck, the Renault Trucks T High is the perfect working tool to maximise productivity.





DOOR OPENING ANGLE 85° for easier cab access.



WINDSCREEN ACCESS STEPS via two platforms for cleaning the windscreen.

INTERIOR LUGGAGE COMPARTMENT WITH EXTERNAL ACCESS



HANDLES MAKE WINDSCREEN CLEANING EASIER

FIFTH WHEEL WITH LOCKING SENSOR TO CHECK STATUS FROM CAB*

NON-SLIP STEP FOR ACCESS TO CAB REAR PLATFORM

SECURE ACCESS TO CAB VIA WIDE, ALIGNED, ILLUMINATED NON-SLIP STEPS, WITH SHOE STORAGE AREA

TWO WINDSCREEN ACCESS STEPS



INTERIOR/EXTERIOR LUGGAGE COMPARTMENT for easy stowing of heavy baggage.

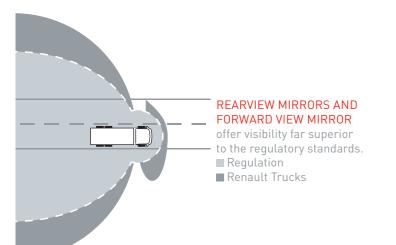


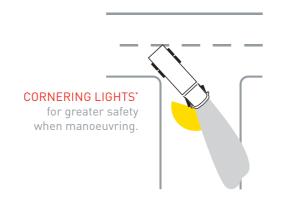
WORK LIGHT to light up the platform.



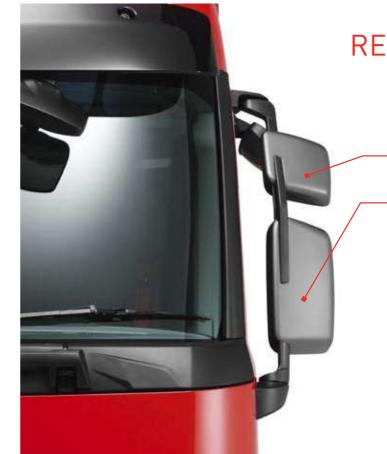
OPTIMUM VISIBILITY IN ALL WEATHERS

The design of the windscreen and the rearview mirrors provides considerable gains in terms of visibility. The lights help optimise safety in all conditions.











WIDE ANGLE REARVIEW MIRROR

MAIN REARVIEW MIRROR



LED REAR LIGHTS* for a better durability.



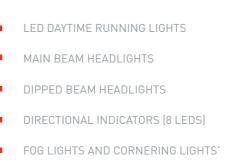
LIGHTING TECHNOLOGY led for directional indicators and daytime running lights*. Halogen and xenon for main beams in 4x2 tractor units.



REMOTE CONTROLLED LIGHTS using key.



AUTOMATIC OPERATION of lights and windscreen wipers*.





ELECTRICALLY ADJUSTED, HEATED AND DE-FROSTING main and wide angle rearview mirrors.

DRIVER SAFETY IS OUR PRIORITY

The brake systems and intelligent driving assistance technologies protect drivers effectively and safeguard loads. A range of equipment and accessories reinforce driver safety.



LANE DEPARTURE WARNING SYSTEM

issues an audible signal to warn the driver that an inadvertent change has been detected in the vehicle's direction of travel.



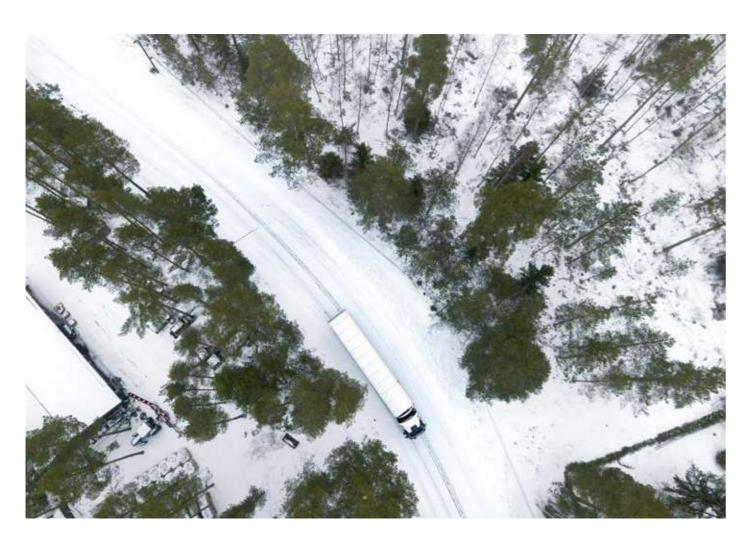
ADVANCED EMERGENCY BRAKING SYSTEM

warns of a possible collision then brakes and stops the vehicle completely without intervention from the driver.



ADAPTIVE CRUISE CONTROL

maintains a safe distance from the vehicle in front*.





RETARDER CONTROL positioned to the right of the

positioned to the right of the steering wheel.



FRONT AND REAR DISC BRAKES as standard across the entire range.

HILL START ASSIST

brakes are held for a few seconds after releasing the pedal to make hill starts easier.



ELECTRONIC STABILITY CONTROL

Fitted as standard: allows drivers to maintain directional control and prevent the vehicle from overturning in critical situations.



AUTOMATIC TYRE PRESSURE MONITOR

issues a visual warning in the event of a fault*.



AUTOMATIC ELECTRIC PARKING BRAKE OPERATION WHEN ENGINE STOPS



INTRUDER ALARM

warns the driver if the doors are opened*.



MECHANICAL DOOR LOCKING for additional door locking

from inside the vehicle**.



BREATHALYSER IGNITION INTERLOCK

lets the driver check his breath alcohol level before starting the vehicle**.





01_RANGE OVERVIEW

Cab	Туре	Profile	GVW	GCW	Chassis height	Engine	Power rating	Gearbox	
	T .	4x2	19 t		X-low Low Medium				
	Tractor	6x2 Pusher axle	26 t	40 t 44 t 50 t* 60 t* 70 t*		DTI 13	440 hp 480 hp	3 automated Optidriver	
High Sleeper cab		6x2 Tag axle	26 t						
g., etcepe, eas		4x2	19 t			Low Medium	50	520 hp	12 speed gearboxes
Rigio	Rigia	6x2	26 t						

*STG0 mandatory

02_DRIVELINE

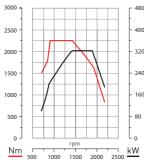
EURO 6 DTI 13 ENGINE

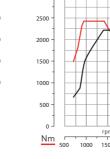
324 kW (440 hp) – 2,200 Nm 353 kW (480 hp) – 2,400 Nm 382 kW (520 hp) – 2,550 Nm

Capacity	12.8 l
Cylinders	6 cylinders in-line
Timing	Rear-mounted
Bore	131 mm
Stroke	158 mm
Compression ratio	17.0
Weight (including oil)	1,150 kg

To comply with the Euro 6 standard relating to polluting emissions, Range T vehicles are fitted with an extended SCR system. Its main components are:

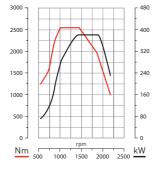
- Engine gas heating system (based on the recovery of the exhaust gases, an intake valve and a 7th injector)
- DOC: Diesel Oxidation Catalyst
- DPF: Diesel Particulate Filter
- SCR: Selective Catalytic Reduction
- ASC: Ammonia Slip Catalyst (reduction of residual ammonia)





DTI 13 - 440 HP





DTI 13 - 520 HP

GEARBOXES

3 automated gearboxes as standard

Optidriver		AT 2412/F	AT 2612/F	ATO 2612/F
Number	Forward drive		12	
of gears	Reverse		3	
Maximum torque		2,400 Nm	2,550 Nm	
Weight			271 kg	

DRIVE AXLES

		Solo drive axle				
		P13170 Single reduction	P1361 Double reduction			
Technical specifications	Maximum engine torque	2,600 Nm	3,100 Nm			
	Maximum design load	13 t	13 t			
	Maximum GCW	50 t	70 t			

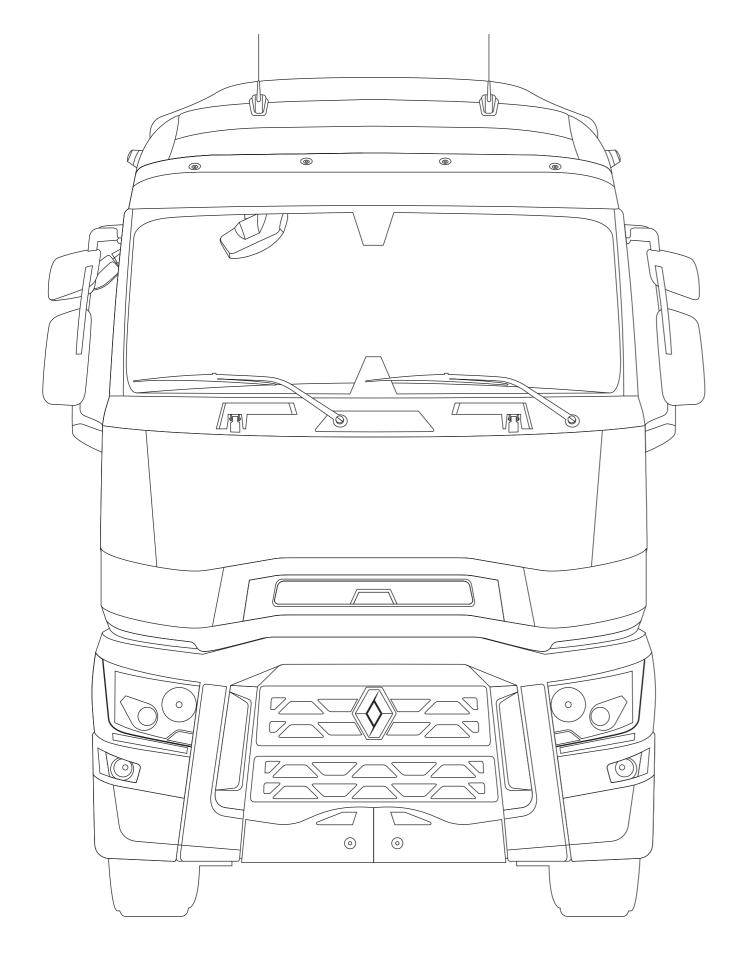
Final drive ratios available from 2.31 to 6.17

RETARDERS

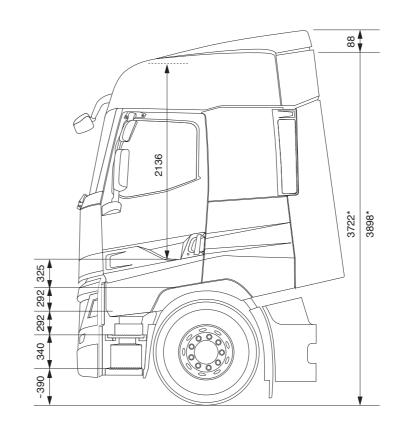
	Engine	Braking power (at 2,300 rpm*)
Optibrake+	DTI 13	382 kW
Hydraulic (Voith VR 3520)	DTI 13	700 kW

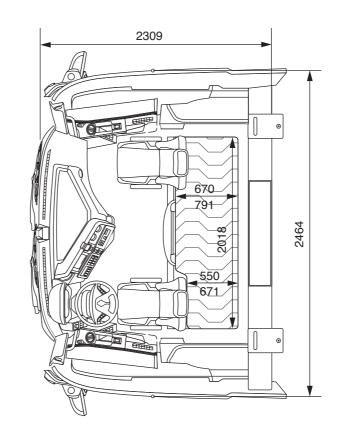
*Except hydraulic retarder

03_CAB



CAB CONFIGURATION High Sleeper cab Sleeper cab, high roof Туре 2,136 mm 1,639 mm 4 Interior height Floor Height





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04_CHASSIS

PROFILES

HEELBAS	ES																	
		3,200	3,400	3,500	3,700	3,800	3,900	4,000	4,100	4,300	4,600	4,800	4,900	5,200	5,600	6,000	6,500	6
4x2 Rigid 6x2 Tag				•			•		•	•		•	•	•	•	•		
			•	•		•			•	•	•	•	•	•	•			
	4x2				•	•												
ractor	6x2 Pusher						•		•									
	6x2 Tag	•	•		•													

SUSPENSION

Front suspension

- Leaf springs or air suspension
- \bullet Front axle loads of 7.1 t, 7.5 t and 8.0 t
- Reinforced
- Improved design and durability

05_BRAKES

EBS + ASR + HSA + ESC + AEBS

ABS: Anti-lock Braking System

Allows the driver to retain control of the vehicle steering by preventing wheel lock, primarily in emergency braking situations.

ESC: Electronic Stability Control

- Directional stability:
- helps the driver maintain directional control of the tractor-trailer combination (especially in difficult conditions such as rain, snow or tight bends)
- Anti-rollover control:

helps prevent rollover in critical situations such as roundabouts, tight bends or sudden changes of direction

ASR: Anti-Slip Regulation

The anti-slip system allows the driver to retain control of the vehicle on slippery surfaces.

Emergency brake assistance

Optimisation of braking distance during emergency braking.

Emergency brake lights

The rear brake lights flash automatically in an emergency to warn other vehicles of a dangerous situation.

AEBS: Automatic Emergency Braking System

Active above 15 km/h to detect moving and stationary vehicles in front of the truck.

EPB: Electric Parking Brake

Automatic electric parking brake when the engine stops.

HSA: Hill Start Aid

The service brakes are held on for a few seconds after releasing the brake pedal for easier hill starts. A push button activates and deactivates this function.

Brake harmonisation

Prevents the feeling that the trailer is 'pulling' or 'pushing' during the various braking phases.

Drag torque control

Maintains vehicle traction on slippery surfaces during downshifting phases.

Tilt protection

Prevents tractors without a trailer from tilting forward during a braking application.

Combined activation of brakes and retarders

Couples together various braking systems: service brakes, Optibrake engine brake and other retarders.

Brake warnings

- Brake pad wear warning light
- Brake temperature warning light
- Brake performance warning light

Disc brake wear monitoring system

Brake disc and brake pad wear warning: preventive maintenance (warning when there is 20% left before the brakes are completely worn). Brake pad wear balancing between the axles to simplify maintenance.

Air compressor

Twin cylinder 636 cm³ disengageable or non-disengageable Twin cylinder 760 cm³ disengageable or non-disengageable

Disc brakes

Front and rear as standard across the whole range



RENAULT TRUCKS_T HIGH RENAULT TRUCKS_RANGE THIGH

06_PACKS

COMFORT HIGH SLEEPER PACK (LHD ONLY)

 $\textbf{Key options to help drivers perform under the best possible conditions-(LHD \, \textbf{Models Only)}}$

Radio remote control

Easy access pivoting pass seat

Extensia ultimate lower bunk

Ultimate convertible upper bunk

Removable back rest

2 passenger armrests

PROTECT PACK	
Key options to increase driver protection when at the wheel	
Auto lighting & windscreen wiping	
Additional cornering lights	
Emergency stop lights	
Distance regulation including AEBS	
Read LED lamps	

FUEL ECO PACK

Key technological options to reduce fuel consumption and enable drivers to optimise their driving

Eco Cruise Control (Soft Cruise + Optiroll)

Disengageable air compressor

Variable flow steering pump

Automatic engine stop when idling

Power mode override

Fuel Eco gearshifting

FUEL ECO+ PACK

All the options available to reduce fuel consumption: Fuel Eco pack + Optivision

Eco Cruise Control (Soft Cruise + Optiroll)

Disengageable air compressor

Variable flow steering pump

Automatic engine stop when idling

Power mode override

Fuel Eco gearshifting

Optivision



07_ACCESSORIES

OPTIMISATION		GPS DEZL 560							
	GPS	GPS DEZL 560 bracket							
		FMI 40 interface cable							
	СВ	CB							
	CB	Rack for CB							
	Locks	Anti-intruder lock							
	Strong box	Strong box + mounting kit							
	Breathalyser	Breathalyser ignition interlock							
	ignition interlock	Single use mouthpieces (pack of 25)							
SAFETY		Reversing camera kit with monitor							
		Reversing camera kit for connection to dashboard screen (10 m cable)							
	Reversing cameras	Reversing camera kit for connection to dashboard screen (20 m cable)							
		Additional camera (10 m cable)							
		Additional camera (20 m cable)							
	Kettle	24 V kettle							
	TV	Flat screen television monitor assembly							
	Hammock	Hammock backrest							
LIFE ON BOARD	Blower	Blower to clear dust from the cab							
	Mattress	Additional mattress							
	Foot rest	Passenger foot rest							
	Wardrobe	Hanging wardrobe storage							
		Day cab roof bar fitted with LEDs							
	Roof bars	Sleeper cab roof bar fitted with LEDs							
	ROOI Dal'S	Additional lights - Rally 3003							
		Additional lights - Luminator							
CUSTOMISATION		Monochrome LED strip, front end kit							
	LED strip	Monochrome LED rail complete kit (front panel + side fairings)							
		Polychrome LED rail complete kit (front panel + side fairings)							
	Carbon finish	Carbon finish door and dashboard trims							
	Carbon miiSn	Carbon finish steering wheel							

08_FINISHING



Standard version



Version with body colour (bumpers, corners, step and side trunks)*



Ultimate Aluminium finish



Ultimate Bronze Finish



Mixed vinyl and textile



Textile



Leather



Standard



Black leather

