

# PANGE T





# LONG HAUL RANGE

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# **POWERTRAIN**

Renault Trucks engines are developed using proven technology. Offering a wide choice of power ratings and the widest torque range on the market. Reduced fuel consumption and maintenance costs, ensure a high degree of productivity.



UP TO 10.9% FUEL SAVED WITH THE T OPTIFUEL\*









**OPTIDRIVER GEARBOX** for improved gear shifting.





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



AUTOMATIC ENGINE STOP to minimise unnecessary engine idling.



POWER MODE OVERRIDE

to avoid excessive fuel consumption.

# 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.





DIFFERENT TYPES OF ROOF DEFLECTORS fixed (88 mm), electrically or manually-adjustable (from 285 to 496 mm)\* and folding side deflectors.



**AERODYNAMIC BUMPER EXTENSIONS** to improve air penetration.



CHASSIS FAIRINGS
with extension pieces and door extensions.



12° INCLINED WINDSCREEN for a better aerodynamic profile.



TRAPEZOID-SHAPED CAB
2.3 metres at the front and 2.5 metres
at the rear to improve air flow.

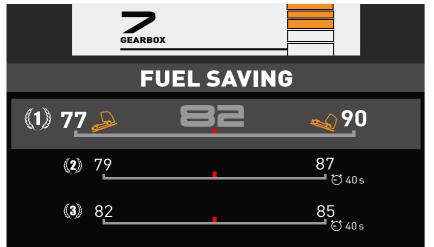


DEFLECTOR INTEGRATED IN HEADLAMP UNIT to deflect the flow of air.



# 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 T range.





# OPTIMISED FUEL CONSUMPTION WITH OPTIROLL

Uphill driving:

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.



50% lighter than a steel tank.



#### OPTIVISION

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.



ALUMINIUM FIFTH WHEEL reducing vehicle weight by 22 kg.



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

> CAB REINFORCED AT KEY POINTS OF THE STRUCTURE

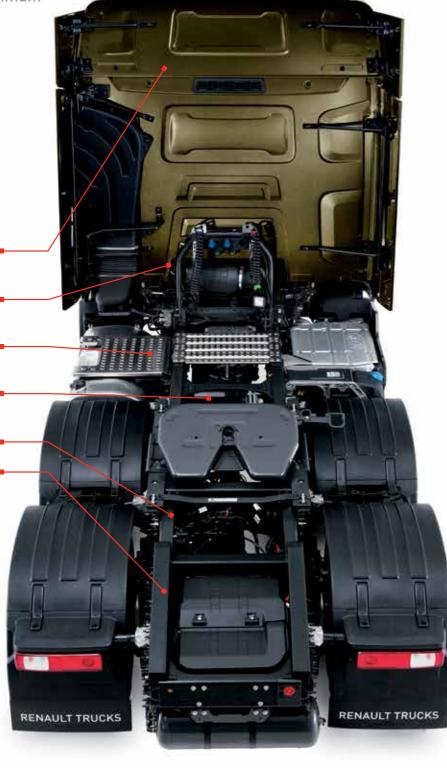
FRONT SUSPENSION: LOAD CAPACITY 7.1 T, 7.5 T AND 8 T

MAINTENANCE FREE BATTERIES AVAILABLE AS AN OPTION

NEW EACU AIR GENERATION SYSTEM (ELECTRONIC AIR CONTROL UNIT)

HIGH TENSILE STEEL

MODULAR CHASSIS TO SUIT ALL USES: 6.5 - 8 MM THICK, 266 - 300 MM DEEP





REAR AIR SUSPENSION design capacity 13 t.



SEPARATION OF WIRING HARNESSES AND AIR PIPES for easier maintenance.



SIDE MEMBER REINFORCEMENTS to suit application.



CAB AIR OR MECHANICAL FRONT SUSPENSION suitable for heavy-duty use for improved vehicle stability.



# TESTED IN EXTREME CONDITIONS

From -40°C to +60°C and in all climate conditions, T range 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.

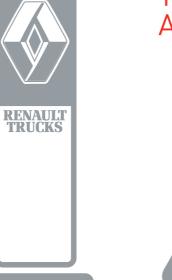


#### **GENUINI**

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.

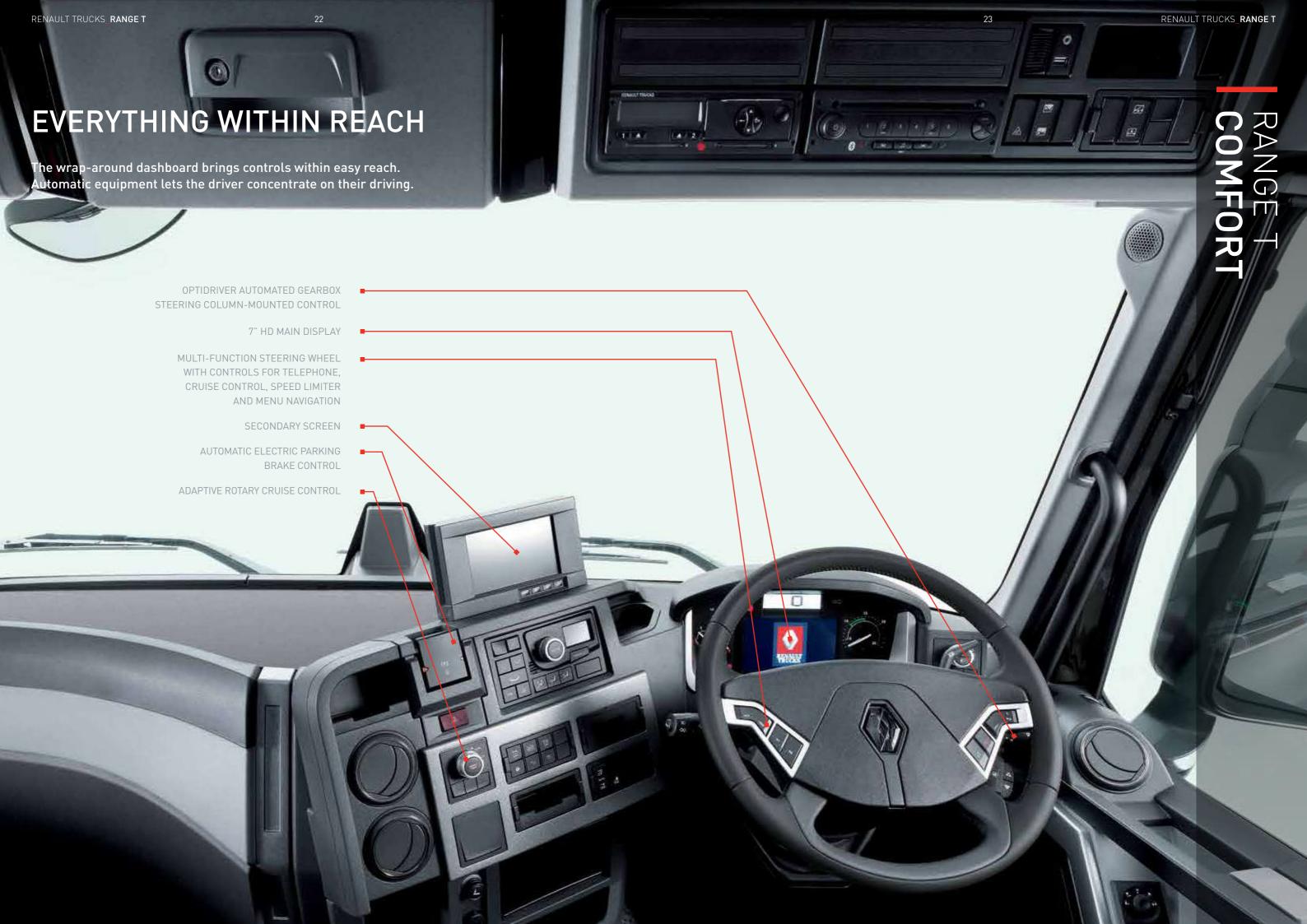


#### **RENAULT TRUCKS 24/7**

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.



AIR CONDITIONING AND

AUTOMATIC DE-FROSTING of the side windows, windscreen and rearview mirrors.



OPTIDRIVER CONTROL for increased driving comfort.



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 T range offers your drivers a comfortable life on board.

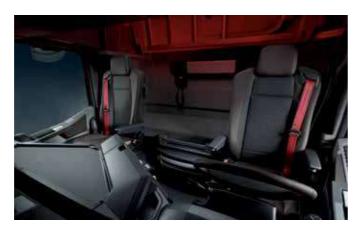


SPACIOUS CAB WITH ERGONOMIC ACCESS

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



HINGED LOWER BUNK provides plenty of storage space.



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



200 MM ENGINE TUNNEL



SILENT OPERATION ELECTRIC REFRIGERATOR 24 litre capacity.



CONVERTIBLE UPPER BUNK\*
provides an additional spacious storage area.



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 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.

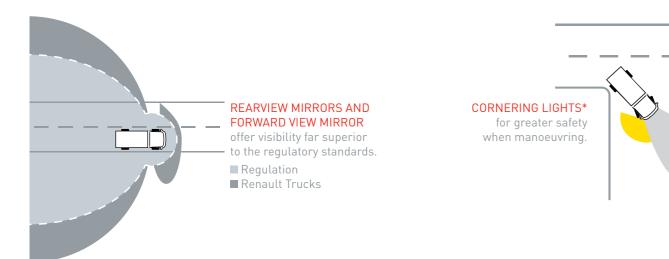


WORK LIGHT to light up the platform.



# 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.









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.\*

MAIN BEAM HEADLIGHTS

DIPPED BEAM HEADLIGHTS

DIRECTIONAL INDICATORS (8 LEDS)

FOG LIGHTS AND CORNERING LIGHTS\*

HALOGEN OR LED DAYTIME RUNNING LIGHTS\*



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

<sup>\*</sup> Optional specification

# 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.



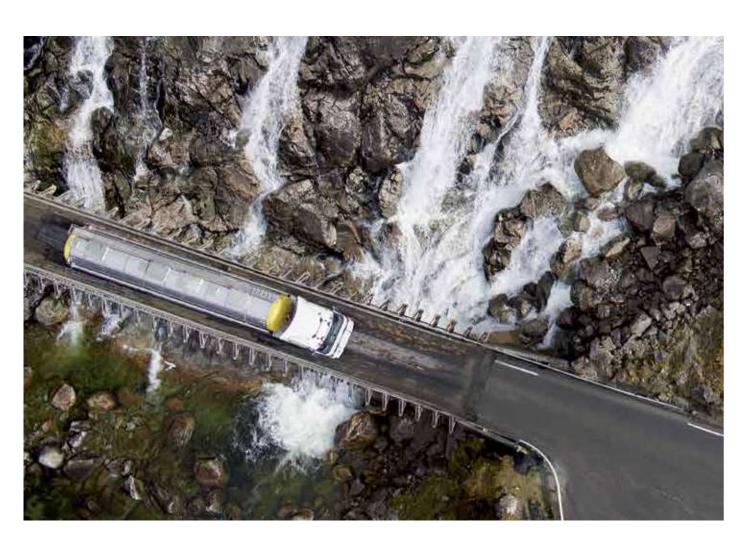
#### AUTOMATIC EMERGENCY BRAKING SYSTEM

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\*.



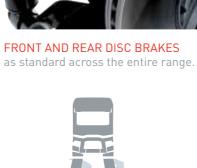


RETARDER CONTROL
positioned to the right of the
steering wheel.



#### 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
		4x2	19 t	40 t 44 t 50 t** 60 t** Low 70 t**	380 hp			
Day cab*	Tractor	6x2 Pusher axle	26 t				430 hp 460 hp 440 hp 480 hp 520 hp	3 automated Optidriver 12 speed gearboxes
Night & Day cab		6x2 Tag axle						
Sleeper cab	Rigid	4x2	19 t					
		6x2	26 t					

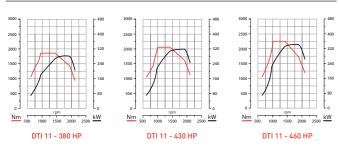
\* Available with a DTI 11 only

# 02\_DRIVELINE

#### EURO 6 DTI 11 ENGINE

279 kW (380 hp) – 1,800 Nm 316 kW (430 hp) – 2,050 Nm 338 kW (460 hp) – 2,200 Nm

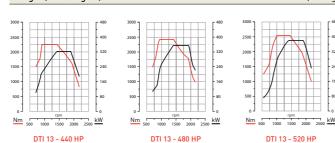
Capacity	10.8 l
Cylinders	6 cylinders in-line
Timing	Rear-mounted
Bore	123 mm
Stroke	152 mm
Compression ratio	17.0
Weight (including oil)	995 kg



#### 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

12.8 l
6 cylinders in-line
Rear-mounted
131 mm
158 mm
17.0
1,150 kg



To comply with the Euro 6 standard relating to polluting emissions, T range 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)

#### GEARBOXES

3 automated gearboxes as standard

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

#### DRIVE AXLES

		Solo dr	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*)
Exhaust brake	DTI 11	170 kW
Exhaust brake	DTI 13	201 kW
Optibrake	DTI 11	300 kW
Optibrake+	DTI 13	382 kW
Hadrand's (Weigh MD 2520)	DTI 11	600 kW
Hydraulic (Voith VR 3520)	DTI 13	700 kW

\* Except hydraulic retarder

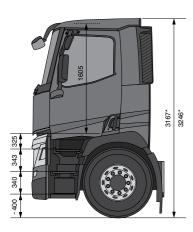
<sup>\*\*</sup> STG0 mandatory

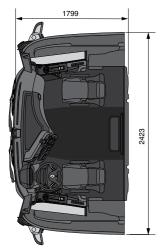
# 03\_CAB

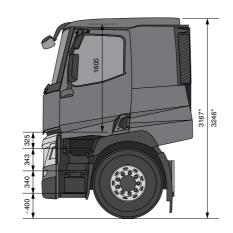
#### NIGHT & DAY CAB

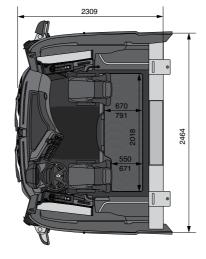










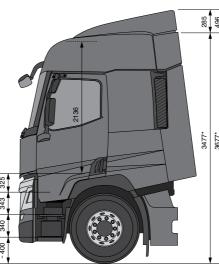


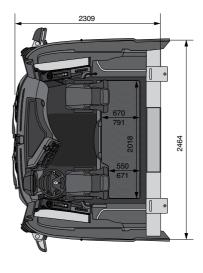
#### CAB CONFIGURATIONS

	Day cab	Night & Day cab	Sleeper cab				
Туре	Day cab, standard roof	Sleeper cab, standard roof	Sleeper cab, high roof				
Interior height	1,605 mm	1,605 mm	2,136 mm				
Height on tunnel	1,405 mm	1,405 mm	1,936 mm				
Floor		200 mm engine tunnel					
Steps	3						

#### SLEEPER CAB







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# 04\_CHASSIS

### \_

**PROFILES** 

	4x2	6x2 Steering	6x2 Tag	6x2 Pusher
Tractor				
Rigid			#	

# WHEELBASES

		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	6,700
4x2				•			•		•	•		•	•	•	•	•	•	
Rigid	6x2 Tag			•	•		•			•	•	•	•	•	•	•		
4x2 Tractor 6x2 Pusher	4x2				•	•												
	6x2 Pusher						•		•									
	6x2 Tag	•	•		•													

#### SUSPENSION

#### Front suspension

- Leaf springs or air suspension
- 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

 $\label{thm:maintains} \mbox{ Maintains vehicle traction on slippery surfaces during downshifting phases.}$ 

#### 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



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# 06\_PACKS

#### **COMFORT DRIVE PACK**

#### Key options to help drivers perform under the best possible conditions

Radio CD, MP3 player connection, hands-free telephone function and USB

Electric front sun visor

Manual side sun visors

Cab air suspension

Driver – passenger one-touch window controls

Automatic air conditioning system with carbon filter (ECC) and air quality sensor

Adjustable steering column (3 positions)

Ultimate leather steering wheel

# TECHNICAL

PROTECT PACK

Key options to increase driver protection when at the wheel

Adaptive cruise control (ACC)

Automatic operation of lights and windscreen wipers

Cornering lights

Tyre pressure monitoring system (TPMS)

Head light washer

**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

		Electric roof deflector for Night & Day cab - tractor					
		Electric roof deflector for Night & Day cab - rigid					
	Roof deflectors	Fixed roof deflector for Night & Day cab - tractor					
		Fixed roof deflector for Night & Day cab - rigid					
00711410471041		Fixed roof deflector for Day cab - tractor and rigid					
OPTIMISATION		GPS DEZL 560					
	GPS	GPS DEZL 560 bracket					
		FMI 40 interface cable					
		СВ					
	СВ	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)					
CAFFTY	Lane departure	Lane departure warning system					
SAFETY		Reversing camera kit with monitor					
	Reversing cameras	Reversing camera kit for connection to dashboard screen (10 m cable)					
		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					
	Blower	Blower to clear dust from the cab					
LIFE ON BOARD	Mattress	Additional mattress					
LIFE ON BOARD	Foot rest	Passenger foot rest					
	Wardrobe	Hanging wardrobe storage					
		Cab interior temperature controller - SP 950 for Sleeper cab					
	Cab temperature controllers	Cab interior temperature controller - CA 850 for Day cab					
		Cab interior temperature controller - CA 850 for Sleeper cab					
		Day cab roof bar fitted with LEDs					
	Roof bars	Sleeper cab roof bar fitted with LEDs					
	Noor bars	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					
	Cai boil iiiiiSII	Carbon finish steering wheel					

# 08\_FINISHING







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



Performance finish



Ultimate Aluminium finish



Vinyl



Mixed vinyl and textile



Textile



Leather



Standard

Brown leather



