

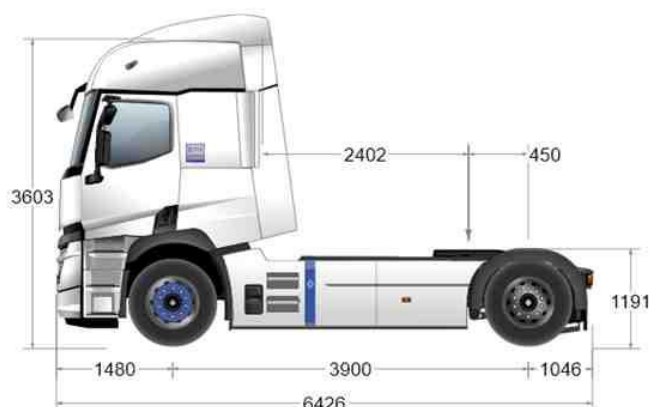
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Prepared for :

Renault Trucks UK

RENAULT TRUCKS RT E-TECH T - T4x2 - GVW 18T / GCW 44 T

RENAULT TRUCKS Demo 2 – Refrigerated trailer compatibility



WEIGHTS

Wheelbase		mm	3.900
Maximum Weight (registered)	Total (GVW)	Kg	18000
Payload	(C)	Kg	7123
Kerb Weight	total	Kg	10877
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	6492
	Rear axles (Liftable axle down)	Kg	4385
Maximum Weight (registered)	Front axle(s)	Kg	7500
	Rear axle(s)	Kg	11500

This table takes into account the RENAULT TRUCKS options, screen washer fluid and presence of driver (75 kg)

To maintain the driving comfort (lightness of steering, braking) of vehicles in all load and driving conditions once the vehicle is bodied, the following minimum axle load(s) must be respected: A value corresponding to 29% of the weight of the unladen bodied vehicle kerb weight (with driver, without passenger)

LENGTHS

Wheelbase		mm	3.900
	(F / BEP L011)	mm	3900



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Rear overhang	Chassis, overall (BEP L017)	mm	1046
Overall Chassis Length	(A / BEP L001)	mm	6426
Front Overhang	(H / BEP L016)	mm	1480

HEIGHTS

Wheelbase		mm	3.900
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	967
	Laden (H2 / BEP H038)	mm	948
Cab height (unladen)	(O)	mm	3603
Ground clearance, laden	Front (U1 / BEP H015)	mm	193
	Rear (U3 / BEP H016)	mm	223

TOWING DEVICE

Wheelbase		mm	3.900
Fifth wheel position	Manufacturer's recommendation (Y / BEP L076)	mm	450
	Min. (Ymin / BEP L077)	mm	150
	Max. (Ymax / BEP L075)	mm	775
Swept Swing Clearance	(BEP L078)	mm	2402

WIDTHS

Wheelbase		mm	3.900
Max. cab width	(BEP W002)	mm	2534
Track	Front (V1 / BEP W013.1)	mm	2043
	Rear 1 (V2 / BEP W013.2)	mm	1854
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2518
Frame width	Rear (BEP W036)	mm	852
	front (BEP W035)	mm	

OTHER

Wheelbase		mm	3.900
Turning Radius	Overall (BEP W012)	mm	7700



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E-TECH MOTOR

Two Alternating Current synchronous motors
High power density, permanent-magnet technology

ENERGY SOURCE

E-TECH lithium-ion traction batteries, 540 kWh, 600 V
Six battery packs of 90 kWh each, located in the wheelbase, 3 to the left, 3 to the right
Nickel Manganese Cobalt (NMC) cells
Liquid cooling

ELECTRICAL POWER SUPPLY

CCS2 type connector (combo 2) for 350kW Max charging cable.

ENGINE EQUIPMENT

Electronic speed limiter (90 km/h).

GEARBOX

Optivision Map Based gear shift strategy for FUEL ECO (anticipation of topography and centralised data storage).

POWER TAKE-OFF

w/out power take off
Outlet for electrical power take-off 400V AC
Without gearbox mounted PTO

STEERING

Electric steering box
Right hand drive.
Steering ratio 20.0
Driving on the left

FRONT AXLE

Front load capacity (technical max.): 9 t

WHEELS AND TYRES

Dimension 315/70 R22.5
B. DURAVIS R-STEER 02 / R-DRIVE 02 profile
Polished aluminium wheel rims
ISO_11992 compatible tyre pressure monitoring system
Chrome wheel nut protectors with chrome wheel nut caps
Without spare wheel.

REAR DRIVE AXLE

P13170-E single reduction final drive axle
Integral differential lock
Rear loading capacity (technical max.): 13 t
Drive axle ratio: 2.64
Engine speed at 90 km/h: 0 rpm

Service brake:

Braking system with two independent circuits
Disc brakes.
Electronic management of air production by EACU (Electronic Air Control Unit):
Dryer cartridge optimised by preventive maintenance.
Air tank mounting rubber fittings
Brake hose couplers, UK standard
Electrical lead with one 15-pin connector to two 7-pin connectors (24N, 24S)
Downward-facing semi-trailer connection
Dummy sockets for electrical cables on DFR
Trailer brake device at cab rear, in aluminium

EBS:

Anti-lock braking system (ABS).
Anti-slip regulation (ASR).
Brake balancing between tractor unit and trailer.
(Disc) brake pad wear compensation
Retarder and service brake linking
Differential engagement management (if equipped) at speeds <10 km/h (4x2)
Hill Start Assist
Braking performance warning
ESC (Electronic Stability Control) trajectory control and anti-rollover system
Coupling traction test
Emergency brake assist (EBA)
Stop lights emergency lighting



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CAB**Cab exterior:**

Sleeper Cab
 All steel Cab, electro-zinc plated and cataphoretic paint treatment.
 Cab paint colour: White ekla
 technical code: 09350
 Blue badge
 Aerodynamic dirt deflectors on the headlamps
4-point cab air suspension with ride-height control system
 Two side doors of which one is accessible from inside the cab
 Kerb view mirror.
Rear view mirrors for bodywork up to 2.6 m wide
 Fold-back front view mirror
 Air horn
Laminated side windows.
 Spray suppression on front wings
Adjustable roof deflector
Side deflectors (left-hand opening panel)
 Door extensions (step cover)
 No external sun visor
 Tinted, laminated windscreen.
 Without rear window.

Cab interior:

Blue grab handles
Performance roof console, 4 storage compartments with doors including 1 with key lock, 1 storage space with net, 4 ISO modules
Drawer + bottle holder (1.5 L bottle) + waste bin (3.2 L)
Electric interior sun blind on windscreen and manual blind on driver's side window
With digital camera and 5 digital connections available
 DTCO 4.1 digital tachograph
 Without tachograph calibration
Offset 24 V socket
 Electrically operated roof hatch with controls at the driver's position and in the bunk area
 Mosquito net on air vent
 Interior roof grab handle
Synthetic carpet floor mats
COMFORT DRIVER'S SEAT:
Adjustable vertical damping
Seat squab tilt
Length and height-adjustable
Removable cover
Adjustable headrest
Seat quick-drop function with height setting memory
Seat back side support adjustment
Seat cushion side support adjustment
Adjustable lumbar support
Extendible seat squab cushion
Heating system (driver's seat)
 Seat belt fastened reminder
 seat squab tilt
 Length-adjustable
 Integral headrest
 Without air suspension
 Cloth fabric trim
 Sérénité lower bunk: 2018mm long, 670mm wide (790mm between seats), mattress thickness: 170mm
 Driver's airbag
Blower
Drawer + bottle holder (1.5 L bottle) + waste bin (3.2 L)
 Reading lamps on overhead ledge
 Direct cab lighting
 Red night lighting
 Cab lighting time-delay.
 Curtains around cab.
 Bunk area lighting
 Remote control for comfort functions in bunk area with integrated display
 12 V & 5 V socket (bunk)
 2 storage boxes under bunk, one accessible from interior and exterior
 Two coat hooks on rear panel and one on passenger side
 Driver's window with impulse control.
 Reinforced heat insulation
Electronically regulated comfort air conditioning with compressor optimisation
Cab air filtration, washable filter
 Handbook and Service pack in English.
4 loudspeakers and 2 tweeters
Fire extinguisher 3kg



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Steering wheel equipment:

Ultimate leather steering wheel

3-way adjustable steering column

Roadpad screen with DAB radio

Instrument panel:

COMPACT dashboard

Speedometer in miles

12 V + 24 V socket on dashboard, for accessories.

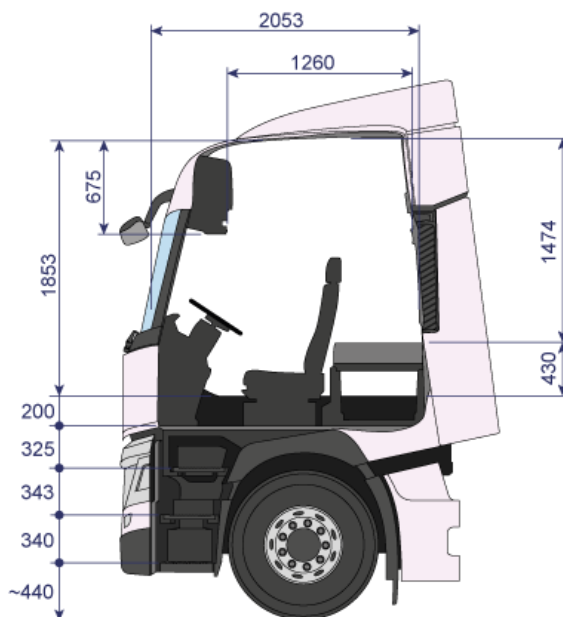
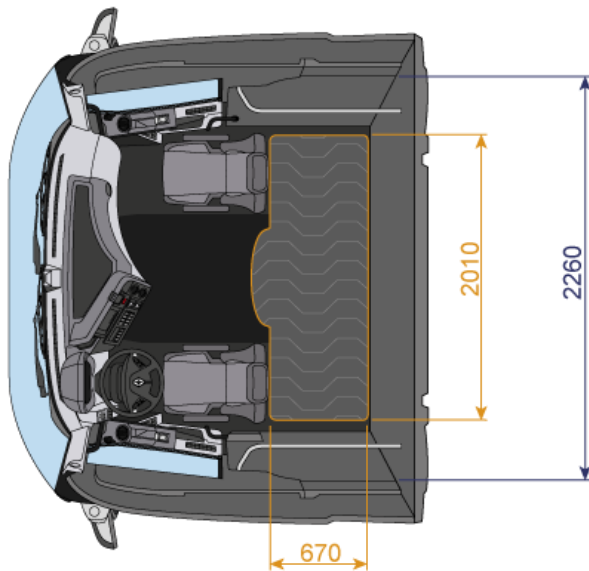
Starting inhibitor controlled by transponder key.

3rd ignition key

Customer adjustable overspeed downhill

ECO Cruise control with Optiroll

Power Mode (Eco/Eco Off)



ELECTRONIC EQUIPMENT:

English and French language display

Additional language (Polish)

SAE cab socket for vehicle data extraction

Load per axle indicator

Assistance button for geolocation via the 24/7 platform

TELENOR SIM card

Driver Alert System (DAS) and Lane Departure Warning

System (LDWS)

Left and right side lane departure warning sensors

Forward Collision Warning System with Advanced Emergency

Braking System (AEBS) and Adaptive Cruise Control (ACC)

ELECTRICAL EQUIPMENT

No protection on rear lights

CHASSIS

Chassis reinforcement from rear of engine to rear of drive axle

Removable front towing cap.

Front under-run protection.

Closing cross member with pre-drilling for towing yoke

Pneumatic sliding medium fifth wheel mounting H=50 mm

Fontaine 3000, 2" cast iron fifth wheel, D 150 kN

Fifth wheel position: Y = 450 mm

Foldaway side fairings, cab colour with extension pieces and integrated walkway access step

Extended rear platform.

Extension de passage de roue

Rear wings with anti-spray

Wings fitted in standard position.

BUMPER - STEPS AND LIGHTING

Plastic bumper with integral spoiler

Metallic door sills

LED day running lights

Provision for lighting rail on front end

White LED work light (850 lm)

Front fog lights.

LED headlights comprising 2 modules of 5 cells:

- 1 module with three cells for main beam (1450 lumen)

- 1 module with two cells for dipped beam (700 lumen)

Indicators and daytime running lights are managed by a high brightness two-tone LED strip light

Roof beacon pre-equipment

SUSPENSION

Front suspension

Front pneumatic suspension - Road performance

Heavy duty stabiliser bar



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Rear suspension:

4-bag rear air suspension for 4X2

STANDARD EQUIPMENT

Tool kit.

Reversing warning buzzer, including night switch.

Show preparation

BODYWORK

Bodybuilder access through bulkhead

Interface for bodybuilder connections and BBM module (Body Builder Module) - High version

SERVICE

Optifleet:

Optifleet Check : rapports de données techniques pour suivis de consommation par véhicule et par conducteur, abonnement 8 ans prépayés

Optifleet Map : géolocalisation du véhicule, géobarrières et analyse des itinéraires, abonnement 8 ans prépayés

ADAS SETTINGS connected app

DRIVER TIMES SUPPORT connected app

MANAGE TIRES connected app

OPTIFLEET MISSION 8 YR connected app

My Truck connected app with 8 year subscription

The manufacturer reserves the right to modify the specifications above without prior notice.

Non contractual document.

For further assistance please contact Product Applications at Renault Trucks UK Limited, Wedgnock Lane, Warwick, CV34 5YA Telephone+44 (0)1926 475333.



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