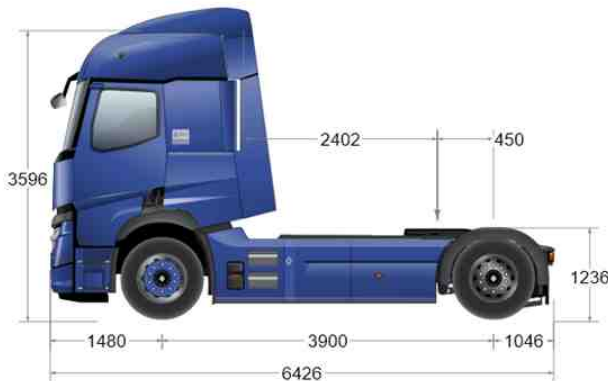


Model code : UKM_11EA0BASTD00
Print date: 05/07/2025
Last updated: 05/07/2025

Prepared for :

RENAULT TRUCKS E-TECH T - T4x2 - GVW 18T / GCW 40 T



WEIGHTS

Wheelbase		mm	3.900
Maximum Weight (registered)	Total (GVW)	Kg	18000
Payload	(C)	Kg	7048
Maximum Weight (registered)	Front axle 1	Kg	9000.00
	rear axle 1	Kg	11500
Min. weight complete vehicle unladen	Front axle(s)	Kg	9400.00
Kerb Weight	total	Kg	10952
Chassis cab kerb weight	Front Axle 1	Kg	6560.00
	Rear Axle 1	Kg	4392.00
Total vehicle weight under full load at YMIN	Front axle(s)	Kg	
	Rear axle(s)	Kg	
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	
	Rear axle(s)	Kg	

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
Front Overhang	(H / BEP L016)	mm	1480
Wheelbase	(F / BEP L011)	mm	3900
Rear overhang	Chassis, overall (BEP L017)	mm	1046
Centre of Gravity of vehicle	at X (BEP L044)	mm	1575.00
Overall Chassis Length	(A / BEP L001)	mm	6426

HEIGHTS

Wheelbase		mm	3.900
Ground clearance, laden	Front (U1 / BEP H015)	mm	188
	Rear (U3 / BEP H016)	mm	223
Max. exterior height unladen	(BEP H001)	mm	3881
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4344.00
Cab height (unladen)	(O)	mm	3596
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	300.00
	Laden (H0 / BEP H18)	mm	292.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	952.00
	Laden (H1 / BEP H036)	mm	942.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	967
	Laden (H2 / BEP H038)	mm	948
Frame top height at the rear of the frame	Unladen (HN)	mm	971.00
	Laden (HN)	mm	950.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	3.900
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L073 + L016)	mm	4930.00
Distance between centre of last axle to centre of coupling device		mm	
Fifth wheel height, from top of side member	(BEP H074 + H071)	mm	270.00
Fifth wheel height from ground	Unladen (BEP H076)	mm	1236
	Laden (BEP H078)	mm	1218
Swept Swing Clearance	(BEP L078)	mm	2402.00
Fifth wheel position	Max. (Ymax / BEP L075)	mm	775
Gross Vehicle Weight	at YMAX	Kg	18000.00
Gross Vehicle Weight, load on front axle(s)	at YMAX	Kg	9000.00
Gross Vehicle Weight, load on rear axle(s)	at YMAX	Kg	9000.00
King Pin Load	at YMAX	Kg	7048.00
King Pin Load on Front Axle(s)	at YMAX	Kg	2440.00
King Pin Load on RearAxle(s)	at YMAX	Kg	4608.00
Fifth wheel position	Min. (Ymin / BEP L077)	mm	150
Gross Vehicle Weight	at YMIN	Kg	18000.00
Gross Vehicle Weight, load on front axle(s)	at YMIN	Kg	6500.00
Gross Vehicle Weight, load on rear axle(s)	at YMIN	Kg	11500.00
King Pin Load	at YMIN	Kg	7048.00
King Pin Load on Front Axle(s)	at YMIN	Kg	-60.00
King Pin Load on RearAxle(s)	at YMIN	Kg	7108.00
Fifth wheel position	Manufacturer's recommendation (Y / BEP L076)	mm	450

Gross Vehicle Weight	in fifth wheel position recommended by manufacturer	Kg	18000.00
Gross Vehicle Weight, load on front axle(s)	in fifth wheel position recommended by manufacturer	Kg	7373.00
Gross Vehicle Weight, load on rear axle(s)	in fifth wheel position recommended by manufacturer	Kg	10627.00
King Pin Load	in fifth wheel position recommended by manufacturer	Kg	7048.00
King Pin Load on Front Axle(s)	in fifth wheel position recommended by manufacturer	Kg	813.00
King Pin Load on RearAxle(s)	in fifth wheel position recommended by manufacturer	Kg	6235.00
Fifth wheel position	Intermediate 1	mm	400.00
Gross Vehicle Weight	in intermediate fifth wheel position 1	Kg	18000.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 1	Kg	7283.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 1	Kg	10717.00
King Pin Load	in intermediate fifth wheel position 1	Kg	7048.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 1	Kg	723.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 1	Kg	6325.00
Fifth wheel position	Intermediate 2	mm	350.00
Gross Vehicle Weight	in intermediate fifth wheel position 2	Kg	18000.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 2	Kg	7193.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 2	Kg	10807.00
King Pin Load	in intermediate fifth wheel position 2	Kg	7048.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 2	Kg	633.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 2	Kg	6415.00
Sliding fifth wheel	front fork	mm	4.93
	rear yoke	mm	4.44

WIDTHS

Wheelbase		mm	3.900
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2995.00
Max. cab width	(BEP W002)	mm	2534
Frame width	Front (BEP W035)	mm	1080
	Rear (BEP W036)	mm	852
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2518
Track	Front (V1 / BEP W013.1)	mm	2109
	Rear 1 (V2 / BEP W013.2)	mm	1854

OTHER

Wheelbase		mm	3.900
Approach angle	(BEP H010)	°	11
Ramp angle	(BEP H012)	°	13.60
Departure angle	(BEP H011)	°	17.70
Side member thickness	(BEP W034)	mm	13.00
Turning Radius	Overall (BEP W012)	mm	7700.00
	kerb to kerb	mm	7043.00
	interior	mm	3216.00

Liquid cooling

E-TECH MOTOR

Three synchronous AC motors.
Total of up to 490kW continuous power and max torque of 2400Nm.
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 Cobalt Aluminium (NCA) cells

ELECTRICAL POWER SUPPLY

Charging socket compatible with type 2 and CCS Combo 2.
Allows charging in mode 2, 3 or 4:
- up to 43kW in alternating current
- up to 250kW in direct current
The vehicle is compatible with chargers with a higher power rating, but limits power to the values above.
Câble de charge avec prise domestique
CCS2 type connector (combo 2) for 250kW Max charging cable (depending on vehicle)
[DC battery charger with on-board power supply \(OCEPS\)](#)



ENGINE EQUIPMENT

Power Mode (Eco/Eco Off)
Electronic speed limiter (90 km/h).

GEARBOX

Optidriver AT 2412 (14.94 - 1) automated clutch gearbox.
Aluminium housing adapted to electric driveline.
Maximum torque 2400 Nm, 12 forward gears and 3 reverse gears.
Choice of operating mode from steering wheel via gear selector.
Gearshift strategy for optimised for electric vehicles.
Oil/water gearbox oil cooler.
Optivision Map Based + Traffic Info gearshift strategy for energy optimisation (advance warning of hills, bends and roundabouts. Centralised data storage with traffic information).

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 23.2
Variable power steering
Driving on the left

FRONT AXLE

Front load capacity (technical max.): 9 t

BRAKING

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

SAFETY

WHEELS AND TYRES

Dimension 385/55 + 315/70 R22.5
TYRE: PROFILE
Continental ECO HS5 / HD5
Alcoa Dura-Bright aluminium wheels.
ISO_11992 compatible tyre pressure monitoring system
Chrome wheel nut protectors with chrome wheel nut caps
Without spare wheel.

REAR DRIVE AXLE

P13170-F single-reduction rear axle. Axle load 13T, capacity 44T. Hypoid final drive
Integral differential lock
Rear loading capacity (technical max.): 13 t
Drive axle ratio: 2.64
Engine speed at 90 km/h: 0 rpm

CAB

Cab exterior:

Sleeper Cab
All steel Cab, electro-zinc plated and cathaporetic paint treatment.
Body colour: Ultramarine blue (for E-TECH vehicle)
technical code: 03416
Blue badge
Aerodynamic dirt deflectors on the headlamps
Adaptation: rear-view camera housing painted to match the cab.
4-point cab air suspension with ride-height control system
Two side doors of which one is accessible from inside the cab
Driver and passenger side rear-view cameras
No rear-view mirror. Rear view using a camera
Blind spot camera
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
Electric interior sun blind on windscreen and manual blind on driver's side window
With digital camera.
DTCO 4.1 digital tachograph
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)
Ventilation (driver seat)
Seat with longitudinal suspension
Two driver's armrests
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
Air blower inside the cab
Drawer + bottle holder (1.5 L bottle) + waste bin (3.2 L)
Cab interior lighting management rotary control (Activity/Rest/Night driving), brightness adjustment
Reading lamps on overhead console
LED direct and indirect cab lighting
Red night lighting covering 3 rows on the overhead console
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)
Electrical facility for powering a microwave or coffee machine (connector + relay + 50 A fuse) located on the left side B pillar.
24L refrigerator in central storage under bench, quiet with thermostat and vehicle battery management

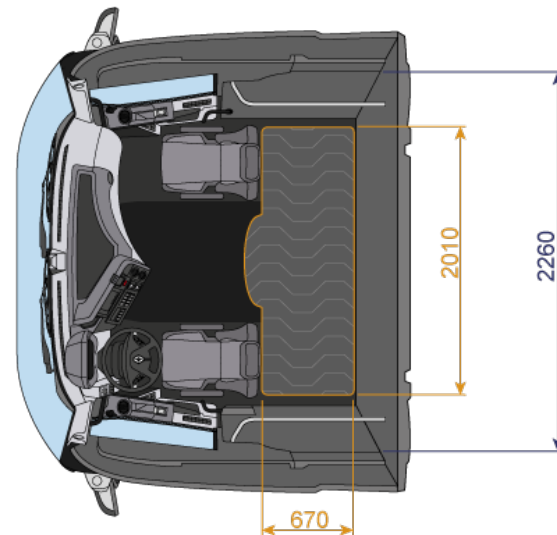
2 storage boxes under bunk, one accessible from interior and exterior
Two coat hooks on rear panel and one on passenger side
Driver's window with impulse control.
Integrated Parking Cooler and Heater: Ability to run the integrated climate unit with heat or cool while in parked status.
Could be controlled with on-board panel and remote control or with smartphone through DriverApp
Cab temperature preconditioning configurable from the information display when the vehicle is connected to the electricity mains
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

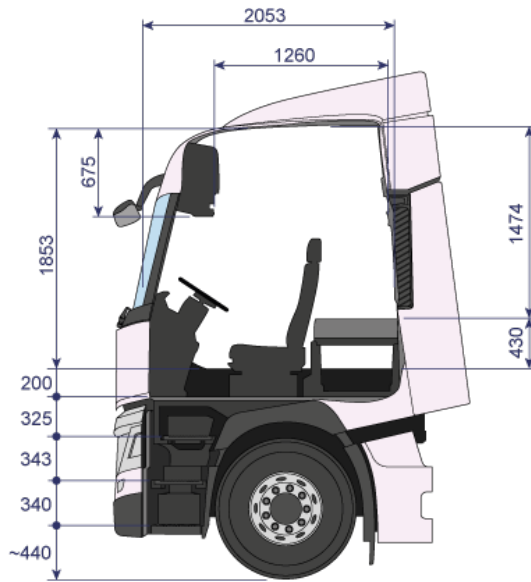
Steering wheel equipment:

Ultimate leather steering wheel
OPTIDRIVER control
3-way adjustable steering column
Multifunction 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.
Ready to fit alcohol ignition interlock device
3rd ignition key
Customer adjustable overspeed downhill
ECO Cruise control with Optiroll
Intelligent speed assistance. Intelligent Speed Assist: speed limit sign recognition, in-cab display and overtaking warning.
Power Mode (Eco/Eco Off)





Automatic lights according to luminosity and automatic selection of main or dipped beam headlights

LED day running lights
Provision for lighting rail on front end
White LED work light (850 lm)
Front fog lights.

Fixed Bending 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
Integrated headlamp washer

SUSPENSION

Front suspension

Front pneumatic suspension - Road performance
Reinforced front stabiliser bar

Rear suspension:

4-bag rear air suspension for 4X2
Reinforced rear stabiliser bar

ELECTRICAL EQUIPMENT

Alternator : 180 amp capacity.
No protection on rear lights
Adaptation: activation of the hazard warning lights when reverse gear is engaged.

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.

STANDARD EQUIPMENT

Tool kit.
Warning triangle.
Reversing warning buzzer, including night switch.
Show preparation

BODYWORK

Bodybuilder access through bulkhead
Interface for bodybuilder connections and BBM module (Body Builder Module)

SERVICE

Optifleet:

Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 8-year prepaid subscription
Optifleet Map: vehicle geolocation, geofencing and route analysis, 8-year prepaid subscription
OPTIFLEET MISSION 8 YR connected app
Driver App connected application with 8-year subscription
Uptime

BUMPER - STEPS AND LIGHTING

Plastic bumper with integral spoiler
Metallic door sills
Automatic windscreen wiping with rain sensor

1	2	3	4	5	6	7	8	9	10	11	12
14.94	11.73	9.04	7.09	5.54	4.35	3.44	2.70	2.08	1.63	1.27	1.00

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, Wedgnoek Lane , Warwick , CV34 5YA Telephone +44 (0)1926 475333.



