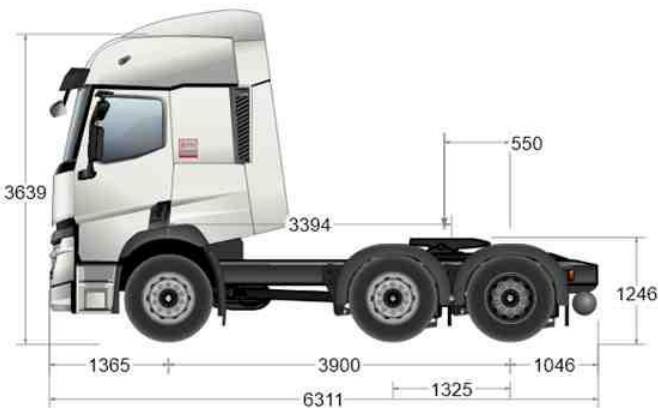


Model code : UKM_11MC036STPUS
Print date: 16/04/2025
Last updated: 16/04/2025

Prepared for :

RENAULT TRUCKS T T6X2 PUSHER 13L E6 - GVW 23.4 T / GCW 44 T



WEIGHTS

Wheelbase		mm	3.900
Maximum Weight (registered)	Total (GVW)	Kg	23400
Payload	(C)	Kg	14904
Maximum Weight (registered)	Front axle 1	Kg	7500
	rear axle 1	Kg	7100
	rear axle 2	Kg	11500
Min. weight complete vehicle unladen	Front axle(s)	Kg	7133
Kerb Weight	total	Kg	8496
Chassis cab kerb weight	Front Axle 1	Kg	5267
	Rear Axle 1	Kg	1233
	Rear Axle 2	Kg	1996
	Front axles (Liftable axle down)	Kg	5267
	Rear axles (Liftable axle down)	Kg	3229
	Front axles (Liftable axle up)	Kg	5611
Total vehicle weight under full load at YMIN	Rear axles (Liftable axle up)	Kg	2810
	Front axle(s)	Kg	



Total vehicle weight under full load at YMAX	Rear axle(s)	Kg	
	Front axle(s)	Kg	
	Rear axle(s)	Kg	

This table includes the weights of the RENAULT TRUCKS options: full AdBlue tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (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 26% 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	1365
Wheelbase	(F / BEP L011)	mm	3900
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1325
Rear overhang	Chassis, overall (BEP L017)	mm	1046
Centre of Gravity of vehicle	at X (BEP L044)	mm	1302
Technical wheelbase	(F' / BEP L015)	mm	3394
Overall Chassis Length	(A / BEP L001)	mm	6311

HEIGHTS

Wheelbase		mm	3.900
Ground clearance, laden	Front (U1 / BEP H015)	mm	231
	Rear (U3 / BEP H016)	mm	215
Max. exterior height unladen	(BEP H001)	mm	3924
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4387
Cab height (unladen)	(O)	mm	3639
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	356
	Laden (H0 / BEP H18)	mm	288
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	995
	Laden (H1 / BEP H036)	mm	939
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	973
	Laden (H2 / BEP H038)	mm	952
Frame top height at the rear of the frame	Unladen (HN)	mm	967
	Laden (HN)	mm	955
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	892
Side member height	(BEP H032)	mm	300

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	4715
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
Fifth wheel height from ground	Unladen (BEP H076)	mm	1246
	Laden (BEP H078)	mm	1220
Swept Swing Clearance	(BEP L078)	mm	
Fifth wheel position	Max. (Ymax / BEP L075)	mm	1100
Gross Vehicle Weight	at YMAX	Kg	23400
Gross Vehicle Weight, load on front axle(s)	at YMAX	Kg	7500
Gross Vehicle Weight, load on rear axle(s)	at YMAX	Kg	15900
King Pin Load	at YMAX	Kg	14904
King Pin Load on Front Axle(s)	at YMAX	Kg	2233
King Pin Load on Rear Axle(s)	at YMAX	Kg	12671
Fifth wheel position	Min. (Ymin / BEP L077)	mm	550

Gross Vehicle Weight	at YMIN	Kg	23400
Gross Vehicle Weight, load on front axle(s)	at YMIN	Kg	4800
Gross Vehicle Weight, load on rear axle(s)	at YMIN	Kg	18600
King Pin Load	at YMIN	Kg	14904
King Pin Load on Front Axle(s)	at YMIN	Kg	-467
King Pin Load on RearAxle(s)	at YMIN	Kg	15371
Fifth wheel position	Manufacturer's recommendation (Y / BEP L076)	mm	550
Gross Vehicle Weight	in fifth wheel position recommended by manufacturer	Kg	22277
Gross Vehicle Weight, load on front axle(s)	in fifth wheel position recommended by manufacturer	Kg	7500
Gross Vehicle Weight, load on rear axle(s)	in fifth wheel position recommended by manufacturer	Kg	14777
King Pin Load	in fifth wheel position recommended by manufacturer	Kg	13781
King Pin Load on Front Axle(s)	in fifth wheel position recommended by manufacturer	Kg	2233
King Pin Load on RearAxle(s)	in fifth wheel position recommended by manufacturer	Kg	11548
Fifth wheel position	Intermediate 1	mm	500
Gross Vehicle Weight	in intermediate fifth wheel position 1	Kg	23400
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 1	Kg	7462
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 1	Kg	15938
King Pin Load	in intermediate fifth wheel position 1	Kg	14904
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 1	Kg	2195
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 1	Kg	12709
Fifth wheel position	Intermediate 2	mm	450
Gross Vehicle Weight	in intermediate fifth wheel position 2	Kg	23400
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 2	Kg	7243
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 2	Kg	16157
King Pin Load	in intermediate fifth wheel position 2	Kg	14904
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 2	Kg	1976
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 2	Kg	12928
Sliding fifth wheel	front fork	mm	4.715
	rear yoke	mm	4.227

WIDTHS

Wheelbase		mm	3.900
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2960
Max. cab width	(BEP W002)	mm	2534
Frame width	Front (BEP W035)	mm	1080
	Rear (BEP W036)	mm	850
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2335
	Rear axle 2 (V5 / BEP W003.3)	mm	2499
Track	Front (V1 / BEP W013.1)	mm	2028
	Rear 1 (V2 / BEP W013.2)	mm	2023
	Rear 2 (V4 / BEP W013.2)	mm	1837

OTHER

Wheelbase		mm	3.900
Approach angle	(BEP H010)	°	14
Ramp angle	(BEP H012)	°	20.9
Departure angle	(BEP H011)	°	17.0
Side member thickness	(BEP W034)	mm	7
Turning Radius	Overall (BEP W012)	mm	6900
	kerb to kerb	mm	6206
	interior	mm	2774

13 ENGINE

Max. power output: 360 kW between 1404 and 1700 rpm

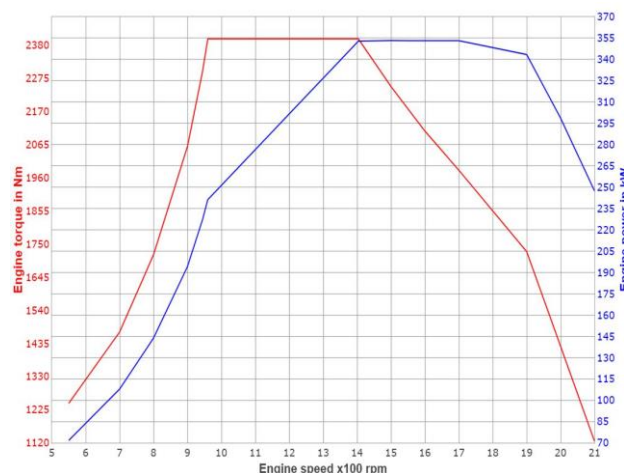
Max. torque: 2400 Nm from 960 rpm to 1400 rpm

Power Output (UK): 480 hp

6-cylinder in-line diesel engine - Common rail high-pressure fuel-injection (2000 bar) - 24 valves - overhead camshaft, rear-mounted timing
High pressure provided by three pumps on injector bodies.
Bore 131 mm - stroke 158 mm - Capacity 12.8 L



Electronically-controlled fan
Turbocharger
Direction of rotation (seen from gearbox end): anti-clockwise
Oil filter with additive
Oil service interval up to 100,000 km
EEC EURO VI pollution control level
Compact after-treatment system (catalytic converter, DPF, SCR)
Cooling liquid
Automatic regeneration of particulate filter
Noise standard R51.03



ENGINE EQUIPMENT

Power mode inhibited after passing the 'hard spot' of the accelerator pedal
Partial gas recycling (semi-closed circuit)
Automatic engine cut-off (5 min)
Without engine Power Take Off.
Electronic speed limiter (90 km/h).

CLUTCH

Single-plate clutch, diameter 430 mm

GEARBOX

Optidriver AT 2612 gearbox (14.94 - 1) with automatic clutch. Aluminium housing.
Max. torque 2550 Nm, 12 forward gears and 3 reverse gears.
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector,
Optivision Map Based + Traffic Info gearshift strategy for FUEL ECO (advance warning of hills, bends and roundabouts. Centralised data storage with traffic information).
Gearbox rear intermediate housing in aluminium
Gearbox oil cooler, oil/water heat exchanger

RETARDER

OPTIBRAKE+ (power rating 340 kW at 2300 rpm): combination of the exhaust brake and valve compression braking, coupled to service brake

POWER TAKE-OFF

Without gearbox mounted PTO

STEERING

Right hand drive.
Hydraulic power steering, electronically controlled variable flow pump.
Steering ratio 20.0
Driving on the left

FRONT AXLE

Maintenance-free axle with pivots
Load capacity (technical max.) Front axle: 7.5 t.

REAR AXLE

Liftable rear axle
Load transfer to drive axle (10.5 t + 30% if speed below 30 km/h)
Rear axle position : in front of engine drive axle

BRAKING

Service brake:

870 l/min air compressor.
Braking system with two independent circuits.
Ventilated disc brakes.
Electronic management of air production by EACU (Electronic Air Control Unit):
Dryer cartridge optimised by preventive maintenance.
Disengageable air compressor
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

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

Parking brake:

EPB (Electronic Parking Brake) automatic parking brake, immobilization provided by spring cylinders

SAFETY

WHEELS AND TYRES

Dimension 315/70 R22.5
Continental ECO HS5 / HD5
Steel disc wheels
ISO_11992 compatible tyre pressure monitoring system
Front wheel trims
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.): 19 t
Rear load 7.1t - 11.5t
Drive axle ratio: 2.47
Engine speed at 90 km/h: 1198 rpm

CAB

Cab exterior:

Sleeper Cab
All steel Cab, electro-zinc plated and cataphoretic paint treatment.
Cab paint colour: White ekla
technical code: 09350
Red badge
Aerodynamic dirt deflectors on the headlamps
Four point mechanical cab suspension.
Two side doors of which one is accessible from inside the cab
No rear view camera
2 heated, remote control rear view mirrors.
2 wide angle rearview mirrors.
Side view using mirrors only
Kerb view mirror.
Rear view mirrors for bodywork up to 2.55 m wide
Fold-back front view mirror
Air horn
Spray suppression on front wings
Adjustable roof deflector
Side deflectors (2 opening panels)

Door extensions (step cover)
Exterior parts finished in cab colour
Wide external sun visor
Tinted, laminated windscreen.
Without rear window.

Cab interior:

Black grab handles
Cab interior finish - Dark
Performance roof console, 4 storage compartments with doors including 1 with key lock, 1 storage space with net, 4 ISO modules
Interior sun blind on windscreen and 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
Rubber insulating 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)
Two driver's armrests
Red seat belts
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
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)
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.
2kW stand-alone cab heater (air/air). Air distribution via three vents (behind the left seat, behind the right seat and above the bunk)

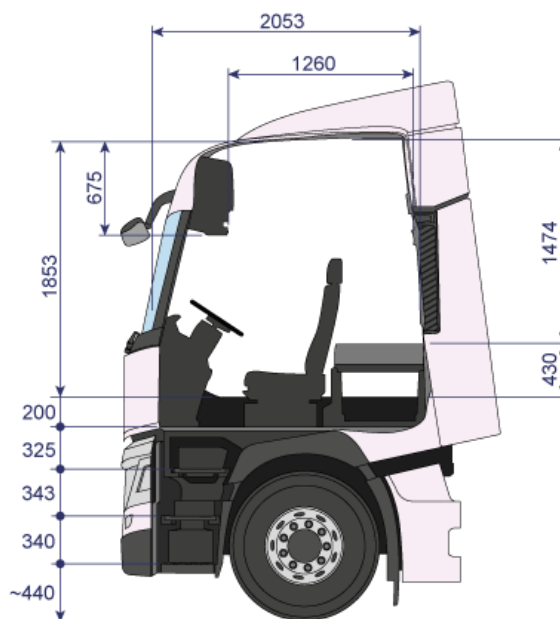
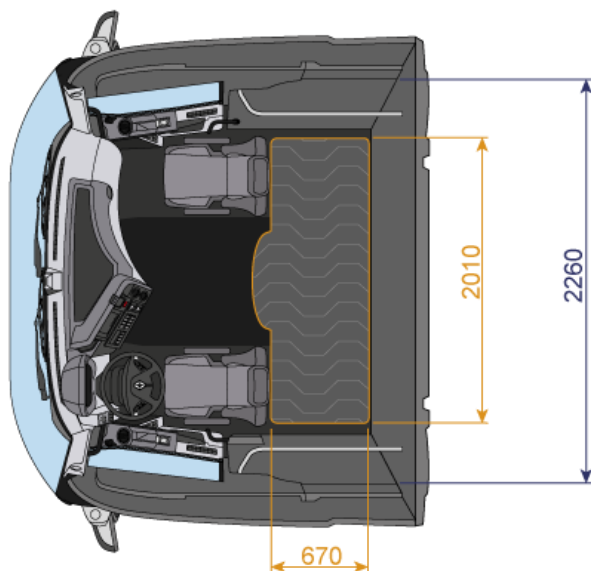
Electronic air conditioning.
Cab air filtration
No air-conditioning while parked
Handbook and Service pack in English.
2 loudspeakers and 2 tweeters

Steering wheel equipment:

"Performance" 4-spoke steering wheel adjustable for height and depth, with control for cruise control
OPTIDRIVER control
OPTIBRAKE and retarder control on right-hand side
3-way adjustable steering column
Multifunction screen with DAB radio

Instrument panel:

COMPACT dashboard
12" HD colour information display
Speedometer in miles
12V socket on dashboard, for accessories.
Starting inhibitor controlled by transponder key.
Ready to fit alcohol ignition interlock device
Start button
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 inhibited after passing the 'hard spot' of the accelerator pedal
Without Eco Off switch



ELECTRONIC EQUIPMENT:

Multilingual display
SAE cab socket for vehicle data extraction
FMS Gateway fleet management interface
Assistance button for geolocation via the 24/7 platform
4G TGV3 telematics unit (telematic gateway) including an antenna and enabling subscription to Optifleet services (Map, Check, Drive) - Auto activation.
TELENOR SIM card
Driver Alert System (DAS) and Lane Departure Warning System (LDWS)
Side radar for covering both sides of the truck
Forward Collision Warning System with Advanced Emergency Braking System (AEBS)

ELECTRICAL EQUIPMENT

Batteries located in the rear overhang
210 Ah AGM batteries
Maintenance-free batteries
Battery cut-out remote control
Electrical circuit automatically goes to standby
Battery charge indicator
Alternator : 180 amp capacity.
No protection on rear lights
LED rear signalling and lighting (EEC standard e2 10113)

CHASSIS

Chassis protective paintwork, mineral grey colour
technical code: 03650
Removable front towing cap.
Front under-run protection.
Transmission crossmember Reinforced
Closing cross member with pre-drilling for towing yoke

Manual sliding medium fifth wheel mounting H=50 mm
 Sheet metal Fontaine SP150 (sheet metal) 2" fifth wheel, D 150 kN
 Fifth wheel position: Y = 550 mm
[Reinforced chassis guard rail](#)
[Extended rear platform.](#)
 Extension de passage de roue
 Compact road air filtration
 Rear wings with anti-spray
 Wings fitted in standard position.
 Side exhaust.

BUMPER - STEPS AND LIGHTING

Plastic bumper without spoiler
 Retractable windscreen access step in radiator grille
 Access to driving position by 3 steps
 Step lighting.
[BUMPER CORNERS, CENTER, AND STEPS PAINTED IN CAB COLOR](#)
 Automatic windscreen wiping with rain sensor and automatic illumination of lights
 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

GEARBOX RATIOS

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.

2-leaf front leaf springs
 Front anti-roll bar.

Rear suspension:

Air suspension
 Suspension remote control (2 channels).

FUEL TANK

Main aluminium tank
 Main fuel tank: 480 litres capacity D710 profile mounted on left & with access steps
 Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

AdBlue

[78-litre AdBlue tank behind the cab.](#)
[Urea tank at the rear right of the cab](#)

STANDARD EQUIPMENT

Tool kit.
[Reversing warning buzzer, including night switch.](#)
 Windscreen washer bottle capacity: 12L

BODYWORK

Orange LED side marker lights with reflector
 Interface for bodybuilder connections and BBM module (Body Builder Module)

SERVICE

[SYGIC NAVIGATION connected app +](#)