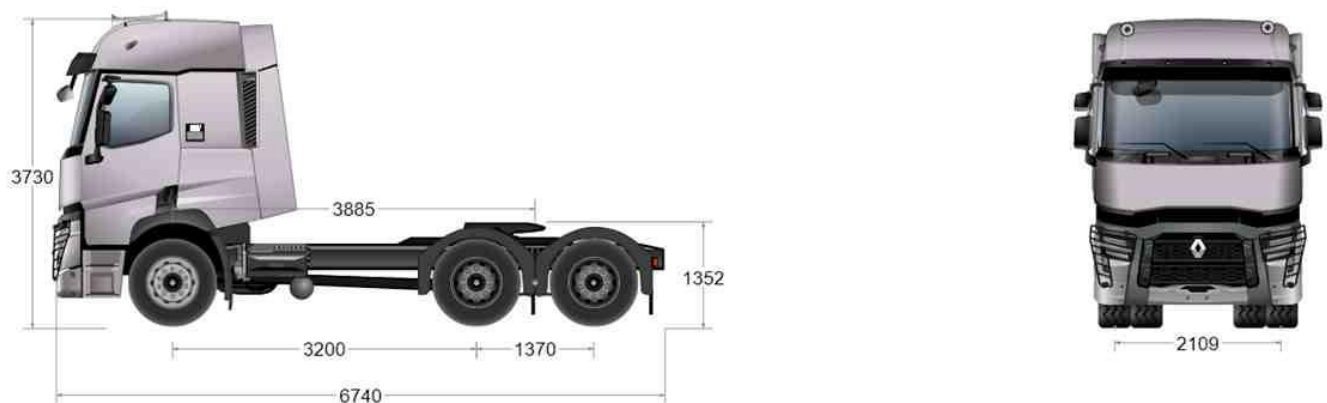


Model code : UKM_30CE036ROAD0
 Print date: 11/05/2023
 Last updated: 11/05/2023

Prepared for :

RENAULT TRUCKS C T6X4 13L E6 - GVW 32T / GCW 80 T

RENAULT TRUCKS



WEIGHTS

Wheelbase		mm	3.200
Maximum Weight (registered)	Total (GVW)	Kg	32000
Payload	(C)	Kg	22314
Maximum Weight (registered)	Front axle 1	Kg	10000.00
	rear axle 1	Kg	13000
	rear axle 2	Kg	13000
Min. weight complete vehicle unladen	Front axle(s)	Kg	7162.00
Kerb Weight	total	Kg	9686
Chassis cab kerb weight	Front Axle 1	Kg	5682.00
	Rear Axle 1	Kg	2002.00
	Rear Axle 2	Kg	2002.00
	Front axles (Liftable axle down)	Kg	5682
	Rear axles (Liftable axle down)	Kg	4004
	Front axles (Liftable axle up)	Kg	
	Rear axles (Liftable axle up)	Kg	
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 includes the weights of the RENAULT TRUCKS options: full urea 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	3.200
Front Overhang	(H / BEP L016)	mm	1365
Wheelbase	(F / BEP L011)	mm	3200
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1370.00
Rear overhang	Chassis, overall (BEP L017)	mm	805
Centre of Gravity of vehicle	at X (BEP L044)	mm	1619.00
Technical wheelbase	(F' / BEP L015)	mm	3885
Overall Chassis Length	(A / BEP L001)	mm	6740

HEIGHTS

Wheelbase		mm	3.200
Ground clearance, laden	Front (U1 / BEP H015) Rear (U3 / BEP H016)	mm	284 190
Max. exterior height unladen	(BEP H001)	mm	3819
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4478.00
Cab height (unladen)	(O)	mm	3730
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	368.00
	Laden (H0 / BEP H18)	mm	274.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1086.00
	Laden (H1 / BEP H036)	mm	1011.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1073
	Laden (H2 / BEP H038)	mm	1047
Frame top height at the rear of the frame	Unladen (HN)	mm	1064.00
	Laden (HN)	mm	1072.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	914.00
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	3.200
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L073 + L016)	mm	4865.00
Distance between centre of last axle to centre of coupling device		mm	
Fifth wheel height, from top of side member	(BEP H074 + H071)	mm	280.00
Fifth wheel height from ground	Unladen (BEP H076)	mm	1352
	Laden (BEP H078)	mm	1331
Swept Swing Clearance	(BEP L078)	mm	
Fifth wheel position	Max. (Ymax / BEP L075)	mm	0
Gross Vehicle Weight	at YMAX	Kg	32000.00
Gross Vehicle Weight, load on front axle(s)	at YMAX	Kg	10000.00
Gross Vehicle Weight, load on rear axle(s)	at YMAX	Kg	22000.00
King Pin Load	at YMAX	Kg	22314.00
King Pin Load on Front Axle(s)	at YMAX	Kg	4318.00
King Pin Load on RearAxle(s)	at YMAX	Kg	17996.00
Fifth wheel position	Min. (Ymin / BEP L077)	mm	-500
Gross Vehicle Weight	at YMIN	Kg	32000.00
Gross Vehicle Weight, load on front axle(s)	at YMIN	Kg	6000.00
Gross Vehicle Weight, load on rear axle(s)	at YMIN	Kg	26000.00
King Pin Load	at YMIN	Kg	22314.00
King Pin Load on Front Axle(s)	at YMIN	Kg	318.00
King Pin Load on RearAxle(s)	at YMIN	Kg	21996.00
Fifth wheel position	Manufacturer's recommendation (Y / BEP L076)	mm	-300
Gross Vehicle Weight	in fifth wheel position recommended by manufacturer	Kg	30105.00
Gross Vehicle Weight, load on front axle(s)	in fifth wheel position recommended by manufacturer	Kg	4105.00
Gross Vehicle Weight, load on rear axle(s)	in fifth wheel position recommended by manufacturer	Kg	26000.00
King Pin Load	in fifth wheel position recommended by manufacturer	Kg	20419.00

King Pin Load on Front Axle(s)	in fifth wheel position recommended by manufacturer	Kg	-1577.00
King Pin Load on RearAxle(s)	in fifth wheel position recommended by manufacturer	Kg	21996.00
Fifth wheel position	Intermediate 1	mm	-200.00
Gross Vehicle Weight	in intermediate fifth wheel position 1	Kg	30605.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 1	Kg	4605.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 1	Kg	26000.00
King Pin Load	in intermediate fifth wheel position 1	Kg	20919.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 1	Kg	-1077.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 1	Kg	21996.00
Fifth wheel position	Intermediate 2	mm	-400.00
Gross Vehicle Weight	in intermediate fifth wheel position 2	Kg	29629.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 2	Kg	3629.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 2	Kg	26000.00
King Pin Load	in intermediate fifth wheel position 2	Kg	19943.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 2	Kg	-2053.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 2	Kg	21996.00
Sliding fifth wheel	front fork	mm	
	rear yoke	mm	

WIDTHS

Wheelbase		mm	3.200
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2960.00
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	2499
	Rear axle 2 (V5 / BEP W003.3)	mm	2499.00
Track	Front (V1 / BEP W013.1)	mm	2109
	Rear 1 (V2 / BEP W013.2)	mm	1837
	Rear 2 (V4 / BEP W013.2)	mm	1837.00

OTHER

Wheelbase		mm	3.200
Approach angle	(BEP H010)	°	15
Ramp angle	(BEP H012)	°	23.50
Departure angle	(BEP H011)	°	58.20
Side member thickness	(BEP W034)	mm	13.00
Turning Radius	Overall (BEP W012)	mm	7650.00
	kerb to kerb	mm	7044.50
	interior	mm	3176.00

13 ENGINE

Max. power output: 390 kW between 1431 and 1700 rpm

Max. torque: 2550 Nm from 990 rpm to 1400 rpm

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

Sheet metal oil sump

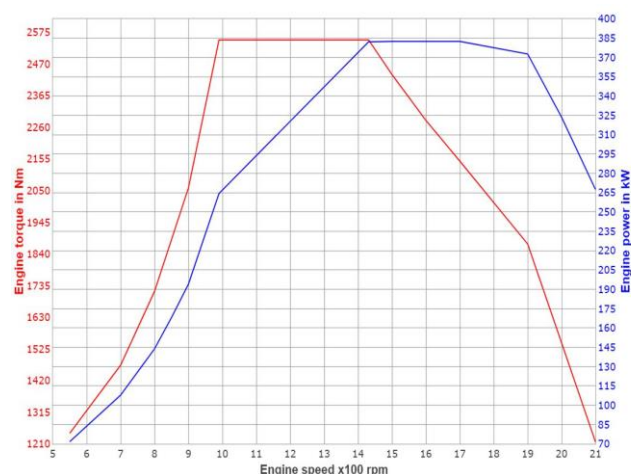
EEC EURO VI pollution control level

Compact after-treatment system (catalytic converter, DPF, SCR)

Cooling liquid

Automatic particulate filter regeneration with manual control

Noise standard R51.03



ENGINE EQUIPMENT

Fast idling control whilst moving (muddy site)
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 Xtended ATO 2613 gearbox (17.54 - 0.79) with automatic clutch. Aluminium housing.
Max. torque 2550 Nm, 13-speed including 1 forward crawler gear and 5 reverse gears including 1 extra short-ratio.
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector.
Optivision Map Based gear shift strategy for FUEL ECO (anticipation of topography and centralised data storage).
Reinforcement of the Optidriver gearbox for heavy duty use (XTREM)
"Extreme" gearbox oil cooler, oil/water and air/water

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

Power take-off S81
Output: splined hollow shaft (DIN 5462)
Direction of rotation: as engine
Torque: 1000 Nm
Ratios: 0.60/0.90/1.14
Position: 6 o'clock

STEERING

Right hand drive.
Hydraulic power steering, electronically controlled variable flow pump.
Steering ratio 26.2:1 - Steering wheel diameter 460 mm
Driving on the left

FRONT AXLE

Axle with zero-maintenance steering knuckles

WHEELS AND TYRES

Dimension 385/65 + 315/80 R22.5

Steel disc wheels
Steel front wheel trims
Without spare wheel.

REAR AXLES

Axle PMR2661B
Integral differential lock
Rear loading capacity (technical max.): 26 t
Rear load equally distributed
Drive axle ratio: 4.12
Engine speed at 90 km/h: 1488 rpm

Service brake:

Twin-cylinder air compressor 1100 l/min, 760 cm³
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.
EACU positioned on the battery box
Aluminium air tanks.
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
Low-position rear brake cylinders

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
Reinforced parking brake

CAB

Cab exterior:

Sleeper Cab
All steel Cab, electro-zinc plated and cataphoretic paint treatment.
Cab paint colour: Grey metallic "Frisch" technical code: 03609
Black emblem
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
2 heated, remote control rear view mirrors.
2 wide angle rearview mirrors.
Kerb view mirror.
Rear view mirrors for bodywork up to 2.55 m wide
Fold-back front view mirror
Twin air horns - roof mounted.
Laminated side windows.
Spray suppression on front wings
Side deflectors (left-hand opening panel)
Door extensions (step cover)
Exterior parts finished in cab colour
Wide external sun visor
Tinted, laminated windscreen.
Without rear window.

Cab interior:

Cab interior finish - Anthracite
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, manual blinds on driver and passenger side windows
- 7" colour multimedia touchscreen
Pre-equipment for cameras

CB pre-equipment.

DTCO 4.0 digital chronotachograph
Without tachograph calibration
Offset 24 V socket
Electrically operated roof hatch.
Mosquito net on air vent
Interior roof grab handle
Rubber insulating floor mats
LUXURY 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)
Driver's seat suspension lock function
Two driver's armrests
Red seat belts
Seat belt fastened reminder
Air suspension
Adjustable vertical damping
Neck support
Height-adjustable
Easy Access
Stowage on rear of seat back
2 arm rests
Two passenger armrests
Leather and fabric upholstery
Sérénité lower bunk: 2018mm long, 670mm wide (790mm between seats), mattress thickness: 170mm
Mattress topper (memory foam)
Blower
Air blower inside the cab
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
Bunk area remote control
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)
Electronically regulated comfort air conditioning with compressor optimisation
Cab air filtration, washable filter
No air-conditioning while parked
Handbook and Service pack in English.

4 loudspeakers and 2 tweeters
Fire extinguisher 3kg

Steering wheel equipment:

Ultimate leather steering wheel

OPTIBRAKE and retarder control on right-hand side
3-way adjustable steering column

ROADPAD+:

- HGV-specific TOM TOM navigation system
- FM and DAB+ radio
- USB port and jack socket
- dual Bluetooth connection

Instrument panel:

COMPACT dashboard

7" HD colour information display

Speedometer in miles

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

Starting inhibitor controlled by transponder key.

Start button

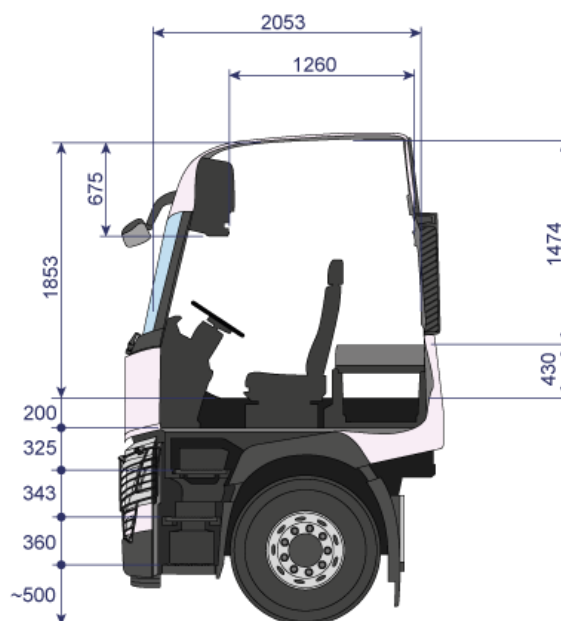
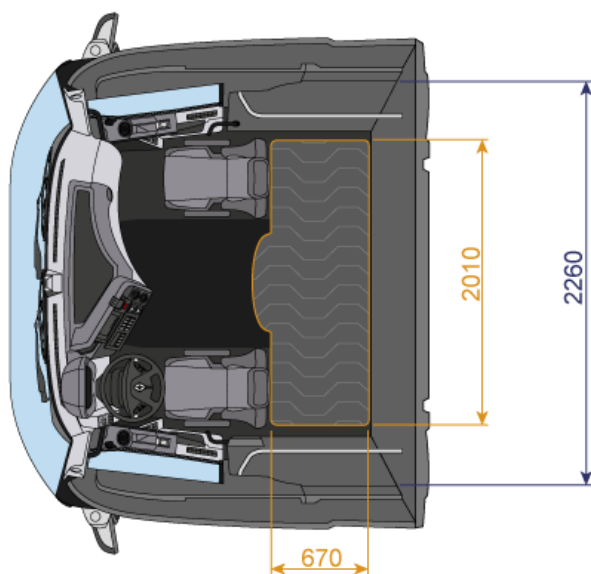
3rd ignition key

Customer speed +5 km/h downhill

ECO Cruise control with Optiroll

Power Mode (Eco/Eco Off)

With Eco Off switch



ELECTRONIC EQUIPMENT:

English and French language display

Additional language (Spanish)

SAE cab socket for vehicle data extraction

FMS Gateway fleet management interface 3.0

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)

TELENOR SIM card

Lane Departure Warning System (LDWS)

Adaptive cruise control (ACC) linked to advanced emergency braking system (AEBS)

ELECTRICAL EQUIPMENT

Batteries mounted side by side on LH side.

210 Ah AGM batteries

Maintenance-free batteries

Battery cut-out remote control

Electrical circuit automatically goes to standby

Battery charge indicator

Alternator : 150 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

Chassis reinforcement from gearbox crossmember to rear of drive axle

Removable front towing cap.

Front under-run protection.

Transmission crossmember Reinforced

Closing cross member with pre-drilling for towing yoke
 High fifth wheel mounting H=90 mm
Fontaine 170CI fifth wheel, D 170 kN
Fifth wheel position: Y = -300 mm
Sheet metal bumper lower corner pieces colour-coded to cab paint colour
Extended rear platform.
 Compact air filtration with pre-filter construction suitable for dusty environments such as construction sites
 Rear wings with anti-spray
 Wings fitted in standard position.
Lateral exhaust on left side.

BUMPER - STEPS AND LIGHTING

Plastic bumper with steel corner pieces
 Retractable windscreen access step in radiator grille
 Access to driving position by 3 steps
 Step lighting.
Metallic door sills
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 roof
 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

SUSPENSION

Front suspension

3-leaf reinforced front leaf springs
Heavy duty stabiliser bar

Rear suspension:

3-leaf parabolic rear springs

FUEL TANK

Main aluminium tank
Main fuel tank: 160 litres capacity D560 profile mounted on left
 Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

AdBlue

48-litre AdBlue tank.
 "D" profile, 560 mm diameter.
Urea tank on the right

STANDARD EQUIPMENT

Tool kit.
 Reversing warning buzzer, including night switch.
 Windscreen washer bottle capacity: 12L

BODYWORK

Provision for rear loading lighting
 Orange LED side marker lights with reflector
 Interface for bodybuilder connections and BBM module (Body Builder Module) - High

SERVICE

Optifleet:

Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 2-year prepaid subscription
Optifleet Map: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription

GEARBOX RATIOS

C1	1	2	3	4	5	6	7	8	9	10	11	12
17.54	11.73	9.21	7.09	5.57	4.35	3.41	2.70	2.12	1.63	1.28	1.00	0.79

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.

Twin line Wet Kit:

- Hydraulic piston Pump
- Air operated tip lever
- Cab operated diverter valve
- Overload valve 165/250 bar
- Twin line pipes fitted on 1" rotators in front of 5th wheel
- 320ltr aluminum side mount tank