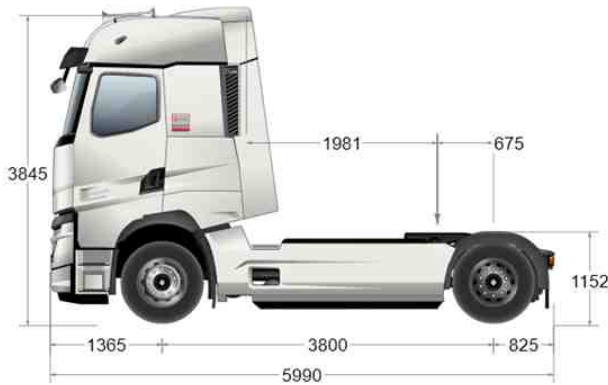


Model code : NLT_10XA036STD00
Print date: 17/09/2025
Last updated: 17/09/2025

Prepared for :

RENAULT TRUCKS T HIGH T4X2 13L E6 - GVW 19.5 T / GCW 44 T



WEIGHTS

Wheelbase		mm	3.800
Maximum Weight (registered)	Total (GVW)	Kg	19500
Payload	(C)	Kg	11001
Maximum Weight (registered)	Front axle 1	Kg	8000.00
	rear axle 1	Kg	11500
Min. weight complete vehicle unladen	Front axle(s)	Kg	5772.00
Kerb Weight	total	Kg	8499
Chassis cab kerb weight	Front Axle 1	Kg	5930.00
	Rear Axle 1	Kg	2569.00
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 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 29% of the weight of the unladen bodied vehicle kerb weight (with driver, without passenger)

LENGTHS

Wheelbase		mm	3.800
Front Overhang	(H / BEP L016)	mm	1365
Wheelbase	(F / BEP L011)	mm	3800
Rear overhang	Chassis, overall (BEP L017)	mm	825
Centre of Gravity of vehicle	at X (BEP L044)	mm	1159.00
Overall Chassis Length	(A / BEP L001)	mm	5990

HEIGHTS

Wheelbase		mm	3.800
Ground clearance, laden	Front (U1 / BEP H015)	mm	192
	Rear (U3 / BEP H016)	mm	211
Max. exterior height unladen	(BEP H001)	mm	3934
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4537.00
Cab height (unladen)	(O)	mm	3845
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	302.00
	Laden (H0 / BEP H18)	mm	297.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	938.00
	Laden (H1 / BEP H036)	mm	929.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	954
	Laden (H2 / BEP H038)	mm	931
Frame top height at the rear of the frame	Unladen (HN)	mm	958.00
	Laden (HN)	mm	932.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	960.00
Side member height	(BEP H032)	mm	266.00

TOWING DEVICE

Wheelbase		mm	3.800
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L073 + L016)	mm	4490.00
Distance between centre of last axle to centre of coupling device		mm	
Fifth wheel height, from top of side member	(BEP H074 + H071)	mm	201.00
Fifth wheel height from ground	Unladen (BEP H076)	mm	1152
	Laden (BEP H078)	mm	1132
Swept Swing Clearance	(BEP L078)	mm	1981.00
Fifth wheel position	Max. (Ymax / BEP L075)	mm	850
Gross Vehicle Weight	at YMAX	Kg	19500.00
Gross Vehicle Weight, load on front axle(s)	at YMAX	Kg	8000.00
Gross Vehicle Weight, load on rear axle(s)	at YMAX	Kg	11500.00
King Pin Load	at YMAX	Kg	11001.00
King Pin Load on Front Axle(s)	at YMAX	Kg	2070.00
King Pin Load on RearAxle(s)	at YMAX	Kg	8931.00
Fifth wheel position	Min. (Ymin / BEP L077)	mm	150
Gross Vehicle Weight	at YMIN	Kg	19500.00
Gross Vehicle Weight, load on front axle(s)	at YMIN	Kg	8000.00
Gross Vehicle Weight, load on rear axle(s)	at YMIN	Kg	11500.00
King Pin Load	at YMIN	Kg	11001.00
King Pin Load on Front Axle(s)	at YMIN	Kg	2070.00
King Pin Load on RearAxle(s)	at YMIN	Kg	8931.00
Fifth wheel position	Manufacturer's recommendation (Y / BEP L076)	mm	675

Gross Vehicle Weight	in fifth wheel position recommended by manufacturer	Kg	19359.00
Gross Vehicle Weight, load on front axle(s)	in fifth wheel position recommended by manufacturer	Kg	7859.00
Gross Vehicle Weight, load on rear axle(s)	in fifth wheel position recommended by manufacturer	Kg	11500.00
King Pin Load	in fifth wheel position recommended by manufacturer	Kg	10860.00
King Pin Load on Front Axle(s)	in fifth wheel position recommended by manufacturer	Kg	1929.00
King Pin Load on RearAxle(s)	in fifth wheel position recommended by manufacturer	Kg	8931.00
Fifth wheel position	Intermediate 1	mm	625.00
Gross Vehicle Weight	in intermediate fifth wheel position 1	Kg	19188.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 1	Kg	7688.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 1	Kg	11500.00
King Pin Load	in intermediate fifth wheel position 1	Kg	10689.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 1	Kg	1758.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 1	Kg	8931.00
Fifth wheel position	Intermediate 2	mm	575.00
Gross Vehicle Weight	in intermediate fifth wheel position 2	Kg	19022.00
Gross Vehicle Weight, load on front axle(s)	in intermediate fifth wheel position 2	Kg	7522.00
Gross Vehicle Weight, load on rear axle(s)	in intermediate fifth wheel position 2	Kg	11500.00
King Pin Load	in intermediate fifth wheel position 2	Kg	10523.00
King Pin Load on Front Axle(s)	in intermediate fifth wheel position 2	Kg	1592.00
King Pin Load on RearAxle(s)	in intermediate fifth wheel position 2	Kg	8931.00
Sliding fifth wheel	front fork	mm	
	rear yoke	mm	

WIDTHS

Wheelbase		mm	3.800
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2999.00
Max. cab width	(BEP W002)	mm	2534
Frame width	Front (BEP W035)	mm	1080
	Rear (BEP W036)	mm	851
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

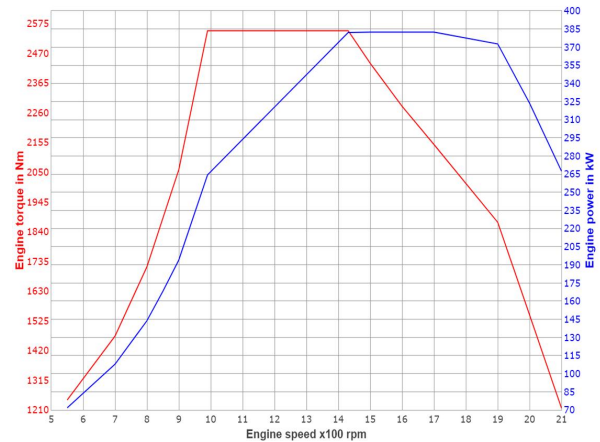
Wheelbase		mm	3.800
Approach angle	(BEP H010)	°	11
Ramp angle	(BEP H012)	°	11.60
Departure angle	(BEP H011)	°	32.10
Side member thickness	(BEP W034)	mm	8.00
Turning Radius	Overall (BEP W012)	mm	7550.00
	kerb to kerb	mm	6893.00
	interior	mm	3100.00

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
 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





Gearbox oil cooler, oil/water heat exchanger

ENGINE EQUIPMENT

Power Mode (Eco/Eco Off)

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

ELECTRONIC EQUIPMENT:

Multilingual display
SAE cab socket for vehicle data extraction
Toll Collect pre-equipment
FMS Gateway fleet management interface
Assistance button for geolocation via the 24/7 platform
4G TGW3 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)

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

RETARDER

OPTIBRAKE+ (power rating 340 kW at 2300 rpm): combination of the exhaust brake and valve compression braking, coupled to service brake
Voith hydraulic retarder (450 kW - 3250 Nm)

POWER TAKE-OFF

Without gearbox mounted PTO

STEERING

Hydraulic power steering, electronically controlled variable flow pump.
Steering ratio 20.0
Driving on the right

FRONT AXLE

Maintenance-free axle with pivots
Front load capacity (technical max.): 8 t

BRAKING

Service brake:

Twin-cylinder air compressor 1100 l/min, 760 cm³
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
Aluminium air tanks.
Two line trailer braking system (ISO connections).
15-pin electrical accessories socket
Downward-facing semi-trailer connection
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

Parking brake:

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

WHEELS AND TYRES

Dimension 385/55 + 315/70 R22.5

TYRE: PROFILE

Profile M. XLINE ENERGY F (ANTISPLASH) / D2

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: 2.31

Engine speed at 90 km/h: 1120 rpm

CAB**Cab exterior:**

High Sleeper cab
 All steel Cab, electro-zinc plated and cathaphoretic paint
 treatment.
 Cab paint colour: White ekla
 technical code: 09350
 Red badge
 Aerodynamic dirt deflectors on the headlamps
 4-point cab air suspension with ride-height control system
 Electrically operated cab tilt.
 Four side storage compartments 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 2.55 m wide
 Fold-back front view mirror
Twin air horns - roof mounted.

Laminated side windows.

Spray suppression on front wings
 Fixed roof deflector
 Side deflectors (2 opening panels)
 Door extensions (step cover)
 Exterior parts finished in cab colour
 Wide external sun visor
 Tinted, laminated windscreen.

Cab interior:

Black grab handles
 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
*Electric interior sun blind on windscreen, manual blinds on
 driver and passenger side windows*
 With digital camera.
TV aerial pre-equipment
 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
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)
Two driver's armrests
 Red seat belts
 Seat belt fastened reminder
Recline adjustment
Swivelling base
Easy access
Neck support
Stowage compartment on the rear of the 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
Top bunk convertible to shelf with ladder, size 1958 x 650 mm
Mattress topper (memory foam)
 Blower
 XL 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. Curtain separating driving position from
 rest area.*

Articulated LED lamps in bunk area

Remote control for comfort functions in bunk area with integrated display

12 V & 5 V socket (bunk)

40L refrigerator in central storage under bench, quiet with thermostat and vehicle battery management

2 storage boxes under bunk, one accessible from interior and exterior

First-aid box

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

No air-conditioning while parked

Handbook and Service pack in Dutch.

4 loudspeakers and 2 tweeters

Fire extinguisher 3kg

Steering wheel equipment:

Ultimate leather steering wheel

OPTIDRIVER control

OPTIBRAKE and retarder control on right-hand side

3-way adjustable steering column

Writing clipboard

Multifunction screen with DAB radio

Instrument panel:

PANORAMIC dashboard

Passenger-side retractable table (42x30)

12" HD colour information display

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

Starting inhibitor controlled by transponder key.

Ready to fit alcohol ignition interlock device

Start button

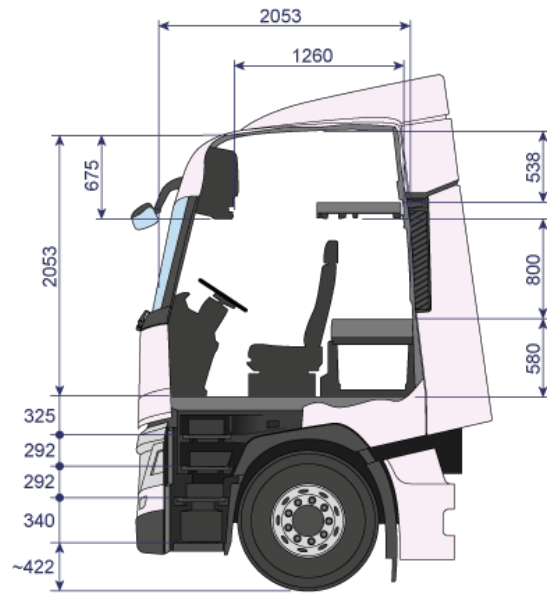
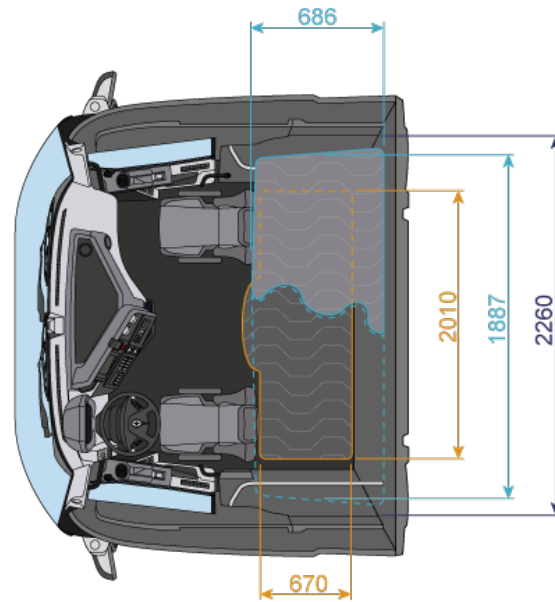
Customer adjustable overspeed downhill

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)

With Eco Off switch



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

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.
Closing cross member with pre-drilling for towing yoke
Low fifth wheel mounting H=16 mm
Jost JSK 42C, 2" cast iron fifth wheel, D 152 kN
Fifth wheel position: Y = 675 mm
Chassis guard rail
Foldaway side fairings, cab colour with extension pieces and integrated walkway access step
Extended rear platform.
Extension de passage de roue
Compact road air filtration
Rear wings with anti-spray
Lowered wing position (-30mm) recommended for motorway use.
Side exhaust.

BUMPER - STEPS AND LIGHTING

Plastic bumper with integral spoiler
Retractable windscreen access step in radiator grille
Access to driving position by 4 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

Front air suspension.
Front anti-roll bar.

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.

Rear suspension:

Rear air suspension.
Rear stabiliser bar.
Suspension remote control (2 channels).

FUEL TANK

Main and additional aluminium tanks.
Main fuel tank: 405 litres capacity D710 profile mounted on right
Main fuel tank: 650 litres capacity D710 profile mounted on left
Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.

AdBlue

90-litre AdBlue tank.
"D" profile, 710 mm diameter.
Urea tank on the right

STANDARD EQUIPMENT

Tool kit.
Two warning triangles.
Reversing warning buzzer, including night switch.

BODYWORK

2 adjustable lamps mounted on the top of the rear of the cab.
Orange LED side marker lights with reflector
Interface for bodybuilder connections and BBM module (Body Builder Module)
Bodybuilder electrical interface on chassis

SERVICE

Optifleet:

Pre-equipment for monthly Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, activation of service on request subject to monthly subscription
Pre-equipment for monthly Optifleet Map: vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription
Uptime