PERSONALISED SPECIFICATION SHEET

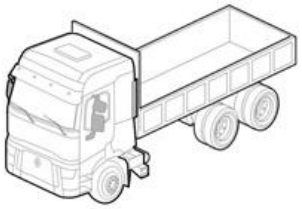
Date of update
18 September 2026

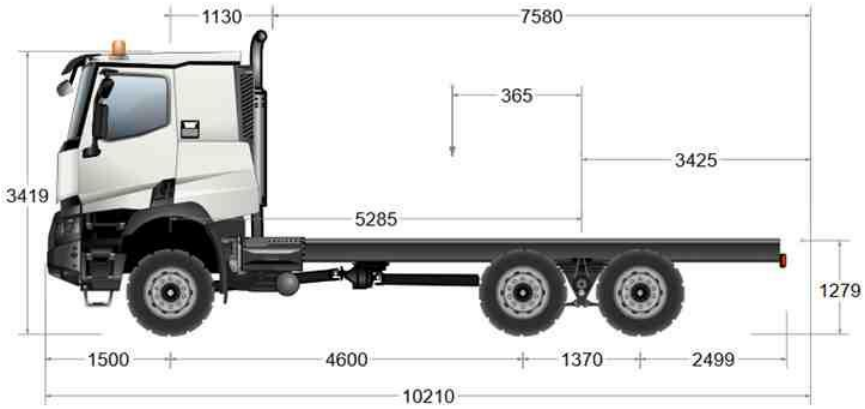
Model code : CHM_31KP036MED01
Print date: 18/09/2026
Last updated: 18/09/2026

Prepared for :

RENAULT TRUCKS K P6X6 MEDIUM 13L E6 - GVW 26T / GCW 44 T

Body Type:
FLAT BED







WEIGHTS

Wheelbase		mm	4.600
Payload	(C)	Kg	15112
Maximum Weight (registered)	Total (GVW)	Kg	26000
	Front axle(s)	Kg	8000
	Front axle 1	Kg	8000.00
	Rear axle(s)	Kg	19000
	rear axle 1	Kg	9500
	rear axle 2	Kg	9500
Kerb Weight	total	Kg	10888
Chassis cab kerb weight	Front Axle 1	Kg	5956.00
	Rear Axle 1	Kg	2466.00
	Rear Axle 2	Kg	2466.00
	Front axles (Liftable axle down)	Kg	5956
	Rear axles (Liftable axle down)	Kg	4932
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	8000.00
	Rear axle(s)	Kg	18000.00

Total vehicle weight under full load at YMIN	Front axle(s)	Kg	7000.00
	Rear axle(s)	Kg	19000.00

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	4.600
Front Overhang	(H / BEP L016)	mm	1500
Wheelbase	(F / BEP L011)	mm	4600
Technical wheelbase	(F' / BEP L015)	mm	5285
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1370.00
Rear overhang	Chassis, overall (BEP L017)	mm	2499
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2725
	Max. (Xmax / BEP L017)	mm	3425
Rear overhang	from end of technical wheelbase (N')	mm	2736.00
Cab entry	(B / BEP L102)	mm	1130
Body length	Min. (Wmin / BEP L105)	mm	6880
	Max. (Wmax / BEP L105)	mm	7580
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	715
	Min. (Ymin / BEP L104)	mm	365
Centre of Gravity of vehicle	at X (BEP L044)	mm	2411.00
Overall Chassis Length	(A / BEP L001)	mm	9822

HEIGHTS

Wheelbase		mm	4.600
Ground clearance, laden	Rear (U3 / BEP H016)	mm	352
	Front (U1 / BEP H015)	mm	389
Max. exterior height unladen	(BEP H001)	mm	3931
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4371.00
Cab height (unladen)	(O)	mm	3419
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	
	Laden (H0 / BEP H18)	mm	588.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1294.00
	Laden (H1 / BEP H036)	mm	1244.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1279
	Laden (H2 / BEP H038)	mm	1202
Frame top height at the rear of the frame	Unladen (HN)	mm	1267.00
	Laden (HN)	mm	1170.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	1014.00
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	4.600
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L045 + L016)	mm	9849.00
Distance between centre of last axle to centre of coupling device		mm	
Height of towing hook / top of side member	(BEP H045)	mm	180.00

WIDTHS

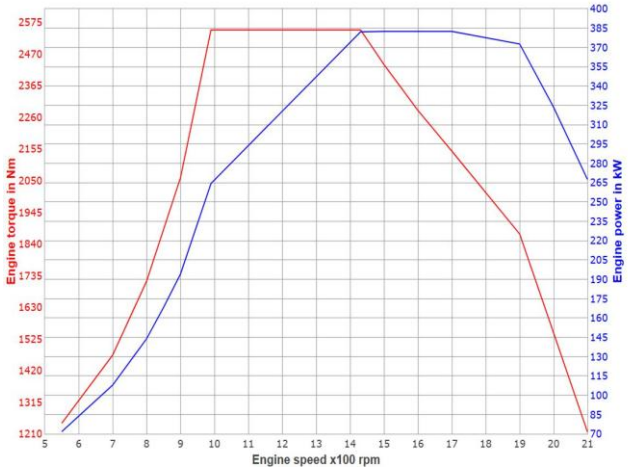
Wheelbase		mm	4.600
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2980.00
Max. cab width	(BEP W002)	mm	2492
Frame width	Front (BEP W035)	mm	1080
	Rear (BEP W036)	mm	852
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2448
Track	Rear 1 (V2 / BEP W013.2)	mm	2062
	Front (V1 / BEP W013.1)	mm	2138

OTHER

Wheelbase		mm	4.600
Approach angle	(BEP H010)	°	33
Ramp angle	(BEP H012)	°	24.30
Departure angle	(BEP H011)	°	18.50
Side member thickness	(BEP W034)	mm	13.00
Turning Radius	Overall (BEP W012)	mm	10650.00
	kerb to kerb	mm	10093.00
	interior	mm	5881.00

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 regeneration of particulate filter
Immersion heater on engine
R51.03 phase 2 noise emissions standard



ENGINE EQUIPMENT

Aluminium engine flywheel casing.
Fast idling control whilst moving (muddy site)
Partial gas recycling (semi-closed circuit)
Intake air preheating cold starting device
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
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
Camera-based driver behaviour warning system (DAS-W2) and lane departure warning system (LDWS)
Side radar for covering both sides of the truck

GEARBOX

Optidriver Xtended AT 2614 gearbox (32.04 - 1) with automatic clutch. Aluminium housing.
Max. torque 2550 Nm, 14-speed including 2 forward crawler gears and 5 reverse gears including two extra short-ratio.
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector.

RENAULT TRUCKS

Reinforcement of the Optidriver gearbox for heavy duty use (XTREM)
"Extreme" gearbox oil cooler, oil/water and air/water

TRANSFER BOX

Single-stage transfer box BT C 2501
Engage of the front axle by interconnection

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
Outlet: hollow splined shaft (DIN 5462)
Direction of rotation: (viewed from rear of vehicle) clockwise
Torque: 1000 Nm
Ratio: 0.33/0.71/0.90
Position: 6 o'clock

STEERING

Power steering, variable-flow hydraulic pump
Steering ratio 26.2
Integral hydraulic power assisted steering (1 independent circuit and 1 pump).
Driving on the right

FRT. DR. AXLE

FRONT AXLE

Maintenance-free axle with pivots
Front drive axle PA 903
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
Drum brakes
Dust protection on rear brake
Electronic management of air production by EACU (Electronic Air Control Unit):
Dryer cartridge optimised by preventive maintenance.
Disengageable air compressor
Silencer on pneumatic circuit
Duomatic-type coupling heads
Trailer brake device on rear crossbar in the centre
High-position rear brake cylinders
ABS braking system in Off Road mode
Stop lights emergency lighting

Parking brake:

EPB (Electronic Parking Brake) automatic parking brake, immobilization provided by spring cylinders
Reinforced parking brake
Automatic parking brake activated when the driver exits the vehicle with the ignition switched on.

WHEELS AND TYRES

Dimension 395/85 R20, single wheel fitment
TYRE: PROFILE
Profile M. XZL2/XZL2
Steel disc wheels
ISO_11992 compatible tyre pressure monitoring system
Steel front wheel trims
Spare wheel and tyre supplied loose.

REAR AXLES

PMR2661B double reduction axle
Integral differential lock
Rear loading capacity (technical max.): 26 t
Rear load equally distributed
Drive axle ratio: 4.12

CAB

Cab exterior:

Night & Day cab
All steel Cab, electro-zinc plated and cataphoretic paint treatment.
Cab paint colour: White ekla
technical code: 09350
Black emblem
Four point mechanical cab suspension.
Two side doors of which one is accessible from inside the cab
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
Laminated side windows.
Exterior parts finished in black
External sun visor
Tinted, laminated windscreen.
Without rear window.

Cab interior:

Black grab handles
Cab interior finish - Dark
Quality roof console, 1 storage compartment with key lock, 1 storage space with net and 4 ISO modules
Interior sun blind on windscreen and driver's side window
With digital camera and 5 digital connections available
DTCO 4.1 digital tachograph
Manual roof vent
Mosquito net on air vent
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
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
Cloth fabric trim
Sérénité lower bunk: 2018mm long, 670mm wide (790mm between seats), mattress thickness: 170mm
Blower
Air blower inside the cab
Central storage under bunk
Reading lamps on overhead ledge
Direct cab 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
First-aid box
Driver's window with impulse control.
6kW stand-alone cab heater (air/engine coolant). Ventilation through air-conditioning system vents.
Reinforced heat insulation
Electronic air conditioning.
Cab air filtration, washable filter
Handbook and Service pack in German.
2 loudspeakers and 2 tweeters
Engine hourmeter.
Fire extinguisher 3kg

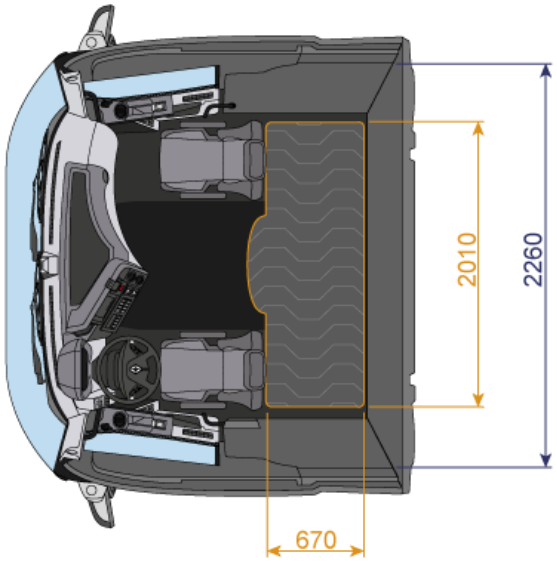
Steering wheel equipment:

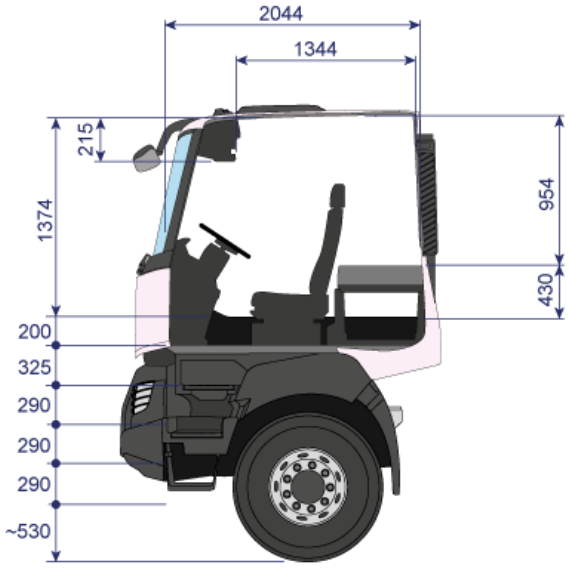
"Performance" 4-spoke steering wheel adjustable for height and depth, with control for cruise control
OPTIBRAKE and retarder control on right-hand side
3-way adjustable steering column
Multifunction screen with DAB radio

Instrument panel:

COMPACT dashboard
12" HD colour information display

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
Cruise control and speed limiter configurable by rotary control
Intelligent speed assistance. Intelligent Speed Assist: speed limit sign recognition, in-cab display and overtaking warning.
Power Mode (Eco/Eco Off)
Without Eco Mode





ELECTRICAL EQUIPMENT

210 Ah AGM batteries

Maintenance-free batteries
Manual battery isolation
Electrical circuit enters standby
Battery charge indicator
Protective grilles on rear lights
LED rear signalling and lighting (EEC standard e2 10113)
2 rear work lights on chassis

CHASSIS

Chassis protective paintwork, mineral grey colour
technical code: 03650
Chassis reinforcement from gearbox crossmember to rear of chassis
Standard rear overhang, pre-drilled for bodybuilder
Reinforced removable front towing cap
Without rear under-run bar .
Transmission crossmember Medium
Trailer cross member for G150 hook (100 x 160 mm attachment)
ROCKINGER 400 G 150 towing hitch, DIN 150 hole and 40mm diameter shaft, D 130 kN
Compact air filtration with pre-filter construction suitable for dusty environments such as construction sites
2 foldaway wheel chocks
Wheel chock at front
Vertical exhaust outlet with heat shield

BUMPER - STEPS AND LIGHTING

Steel bumpers
Retractable windscreen access steps in radiator grille and under bumper
Access to driving position by 4 steps. 1st step flexible and of composite material.
Step lighting
Metallic door sills
BUMPER CORNERS AND CENTER PAINTED IN BLACK
Automatic windscreen wiping with rain sensor and automatic illumination of lights
Running lights
Provision for lighting rail on roof
2 rotating orange LED lights

SUSPENSION

Front suspension

3-leaf reinforced front leaf springs
Front anti-roll bar.

Rear suspension:

3-leaf parabolic rear springs
Rear stabiliser bar.
Rear shock absorbers

FUEL TANK

Main steel tank.
Main fuel tank: 415 litres capacity D560 profile mounted on right
Fuel filter heater
Reheating and insulation of fuel circuit
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.
Tyre pressure gauge
Tyre inflation extension piece
Jack 20t
Safety vest
Warning triangle.
Reversing warning buzzer, including night switch.
Windscreen washer bottle capacity: 8.8L

BODYWORK

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

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 Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 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
Optifleet Safety Service: monitoring driver behaviour and recording safety events. Monthly subscription
With dynamic maintenance plan.

GEARBOX RATIOS

C1	C2	1	2	3	4	5	6	7	8	9	10	11	12
32.04	19.38	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, Wedgnock Lane , Warwick , CV34 5YA Telephone +44 (0)1926 475333.