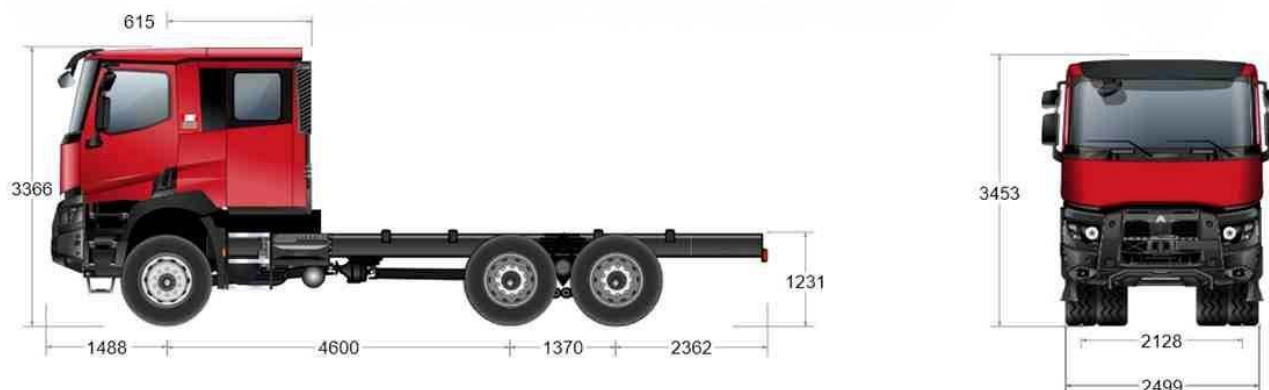


RENAULT TRUCKS K P6X6 MEDIUM 13L E6 - GVW 26 t / GVW 40 t

RENAULT TRUCKS



MASSES

Wheelbase		mm	4,600
Payload	(C)	kg	14504
	Total (GVW)	kg	26000
	front axle group	kg	9000
Maximum permissible gross weight for registration purposes	Front axle 1	kg	9000
	rear axle group	kg	19000
	Rear axle 1	kg	9500
	Rear axle 2	kg	9500
Chassis weight	Sum	kg	11496
	Front axle 1	kg	6174
	Rear axle 1	kg	2661
	Rear axle 2	kg	2661
	front axle group (lowered axle)	kg	6174
	rear axle group (lowered axle)	kg	5322
Gross vehicle weight with load for YMAX	front axle group	kg	9000
	rear axle group	kg	17000
Gross Vehicle Weight with Load for YMIN	front axle group	kg	7855
	rear axle group	kg	18145

The table takes into account the weight of the RENAULT TRUCKS option, full tanks of AdBlue, oil, windshield washer fluid and coolant, fuel level in the tank 90% with driver (75 kg)

In order to maintain driving comfort (steerability, braking) under all load conditions after the vehicle has been fitted, the following minimum load on the front axle must be observed: a value corresponding to 26% of the unladen weight of the vehicle built in ready to go (with driver without passenger)

LENGTHS

Wheelbase		mm	4,600
Front overhang	(H/BEP L016)	mm	1488
Wheelbase	(F/BEP L011)	mm	4600
Technical Spacing	(F'/BEP L015)	mm	5285
Wheelbase	axis 2-3 (BEP L012.2)	mm	1370
Rear overhang	Rear overhang (BEP L017)	mm	2362
Rear body overhang	mini (Xmin/BEP L017)	mm	2611

	max. (Xmax: BEP L017)	mm	3445
Rear overhang	from the end of the technical spacing (N')	mm	2873
The beginning of the development	(B/BEP L102)	mm	615
Built-in length	min (Wmin/BEP L105)	mm	7281
	max. (Wmax/BEP L105)	mm	8115
	total (Y / BEP?)	mm	0
Load center of gravity	max. (Ymax/BEP L103)	mm	1030
	mini (Ymin/BEP L104)	mm	613
Vehicle center of gravity	to X (BEP L044)	mm	2463
Total length of the chassis	(A/BEP L001)	mm	9820

HEIGHTS

Wheelbase		mm	4,600
Ground clearance, with load	rear (U3 / BEP H016)	mm	327
	front (U1 / BEP H015)	mm	331
Maximum External Height Without Load	(BEP H001)	mm	3453
Maximum external height, reclined cab, no load	(O1/BEP H061)	mm	4020
Roof height from the ground without load	(O)	mm	3366
Distance from the ground to the lowest point at the front of the vehicle	No load (H0 / BEP H18)	mm	
	with load (H0 / BEP H18)	mm	524
Frame height from the ground in the front axle position	No load (H1 / BEP H035)	mm	1241
	with load (H1 / BEP H036)	mm	1186
Frame height from the ground in the bridge position	No load (H2 / BEP H037)	mm	1231
	with load (H2 / BEP H038)	mm	1178
Height of the end of the frame from the ground	No load (HN)	mm	1223
	with load (HN)	mm	1172
Vehicle center of gravity	no load in Z (BEP H044)	mm	952
Height of stringers	(BEP H032)	mm	300

COUPLING DEVICE

Wheelbase		mm	4,600
Distance between the front contour of the vehicle and the centre of the coupling device	(BEP L045 + L016)	mm	9843
Distance from the last axis to the center of the coupling device		mm	
Height of the coupling device from the top surface of the stringer	(BEP H045)	mm	180

WIDTHS

Wheelbase		mm	4,600
Maximum exterior width of the cab (mirrors unfolded)	(BEP W001)	mm	2980
Cabin width with fenders	(BEP W002)	mm	2492
Frame width	front (BEP W035)	mm	1080
	rear (BEP W036)	mm	852
Width at rear wheel height	rear axle 1 (V3 / BEP W003.2)	mm	2499
Track width	Rear 1 (V2 / BEP W013.2)	mm	1837
	front (V1 / BEP W013.1)	mm	2128

MISCELLANEOUS

Wheelbase		mm	4,600
Angle of attack	(BEP H010)	°	30
Ramp angle	(BEP H012)	°	21,5
Angle of descent	(BEP H011)	°	16,3
Thickness of stringers	(BEP W034)	mm	13



Turning radius	external (BEP W012)	mm	10450
	Between curbs	mm	9894,5
	Interior	mm	5573

DE 13 ENGINE

Maximum power: 330 kW from 1404 to 1700 rpm.

Maximum torque: 2200 Nm from 925 to 1400 rpm

Diesel, 6 cylinder, in-line - High pressure injection (2000 bar) - 24 valves, camshaft in head, rear timing

Capacity 12.8 l

Electronically controlled fan

Turbocharged

Direction of rotation (SB side): counterclockwise

Oil filter with clarifier

Oil change period maximum 100,000 km

Steel Oil Pan

Engine adapted to fuel with high sulphur content

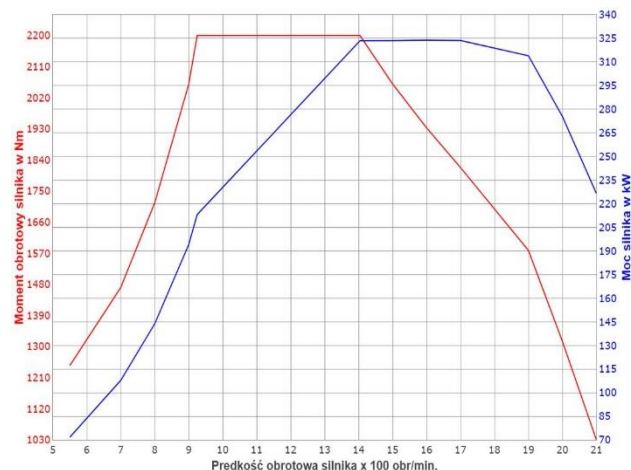
EU EURO VI emission level

Exhaust gas treatment system compact (catalytic converter, DPF, SCR)

Coolant

Automatic regeneration of the diesel particulate filter with manual control

Noise standard R51.03 phase 2



ENGINE ACCESSORIES

Flywheel housing made of aluminum.

Muddy site control

Power mode (Eco - Eco off)

Partial recirculation of oil vapours (semi-closed system)

Motor power take-off:

Spline output. DIN 5462

Permanent drive

Direction of rotation: motor

Torque: 1000 Nm

Gear ratio: 1.26

Position: 1 p.m.

Electronic speed limiter (90 km/h)

CLUTCH

Single-disc clutch with a diameter of 430 mm

GEARBOX

Gearbox Optidriver ATO 2612 (11.73 - 0.79) automatic clutch, aluminum housing.

Maximum torque 2550 Nm. 12 forward and 3 reverse gears.

Selection of gear mode at the steering wheel (automatic / manual).

Aluminum rear gearbox housing

Oil/water gearbox oil cooler with external heat exchanger

TRANSFER CASE

BTC 2501 single-speed transfer case

No differential lock

RETARDER

OPTIBRAKE+ (power: 340 kW at 2300 rpm)

combination of exhaust and engine decompression brake, can be coupled to the service brake

POWER TAKE-OFF

PTR-DH power take-off

Output: spline (DIN 5462)

Direction of rotation: like motor

Torque: 600 Nm

Gear ratios: 1.57 / 2.00

Position: 4 p.m.

STEERING

Hydraulic power steering

Steering ratio 26.2:1 - Steering wheel diameter 460 mm

Right-hand traffic

FRONT BRIDGE

FRONT AXLE

Maintenance-free pin axle

PA 903 front axle with differential lock



Front axle load capacity: 9 t

TIRES AND WHEELS

Dimensions 385/65 + 315/80 R22.5

Profile B. M748 EVO / L355 EVO

Steel rims

Steel covers for front wheel nuts

Spare wheel temporarily attached.

REAR BRIDGES

PMR2661B bridge with final drives

Differential lock

Rear axle load capacity (max. technical): 26 t

Load on the rear axles evenly

Bridge Ratio: 4.12

Engine speed at 90 km/h: 1469 rpm.

Service brake:

Air compressor 1100 l/min, 760 cm³ twin cylinder

Dual-circuit braking system.

Drum brakes

Rear brake disc dust cover

Electronic Air Control Unit (EACU):

Replacement of the dehumidifier cartridge optimized by the preventive maintenance procedure

Detachable compressor

Muffler in pneumatic system

Trailer brake system 2nd wired with ISO connectors, power supply (red), control (yellow).

Trailer connections on the rear beam

Rear brake cylinders in the upper position

EBS:

Anti-lock braking system (ABS)

Coupling of action of retarders and service brakes

differential engagement control (if any) at <10 km/h (4x2)

Hill Start Aid

Brake Efficiency Alarm

Emergency Brake Assist (BAS).

Emergency Brake Lights (EBL)

Handbrake:

EPB (Electronic Parking Brake) automatic parking brake, immobilization with spring spreaders

Reinforced handbrake

CABIN

Outside the cabin:

Day cab

The frame of the cabin is made of galvanized steel and protected against corrosion by cataphoresis.

Cab colour : RED RAL 3000

Technical code: 11739

Red Plate

Mechanical cab suspension at 4 points.

2 heated, remote-controlled rear-view mirrors.

2 wide-angle mirrors.

Ramp mirror.

Built-in rear-view mirrors max. width of 2550 mm.

Front access mirror

Pneumatic beep

Front fender flaps

Exterior cab finishing elements black.

Sun visor.

Glued, tinted windshield.

No rear window.

Adaptation: "Adaptation of the XL Brigade Cabin"

Cabin interior:

Cab interior trim - dark

Quality Roof Storage Compartments, 1 Lockable Storage

Compartment, 1 Mesh Storage Compartment, 4 ISO Modules

Windshield and side window sun blinds on the driver's side

No reversing camera

Preparation for installation of C.B. radio.

Without tachograph

No tachograph calibration

24V socket under the roof

Manual roof vent

Roof vent mosquito net

Rubber mat

COMFORTABLE DRIVER'S SEAT:

Adjustable vertical suspension

Seat inclination

Adjustable length and height

Removable cover

Adjustable headrest

Quick-lower seat function with height adjustment memory

Adjusting the lateral seat backrest support

Adjusting the Lateral Seat Support

Adjustable lumbar support

Extendable seat cushion

Driver's seat suspension locking function

Two driver's armrests

Red seat belts

Seat belt signal

Passenger seat "comfort" :

Air Suspension

Adjustable vertical cushioning

Cervical support

Height adjustment

Easy Access

Storage behind the backrest

2 armrests

Two passenger armrests

Fabric upholstery.

Blower Seat

Reading Lights on the Shelf

Direct cab lighting

Gradual extinguishing of the lighting in the cab.

2 hangers on the back wall

Impulse driver's window

Independent air heating of the cabin 2 kW. Air distribution

through three air vents (at the back of the left seat, at the back of the right seat and above the couch.

Thermal insulation



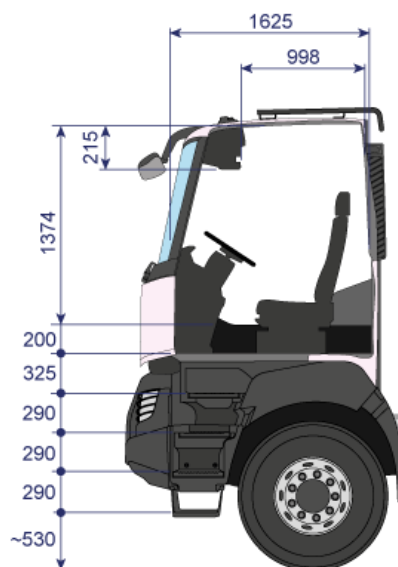
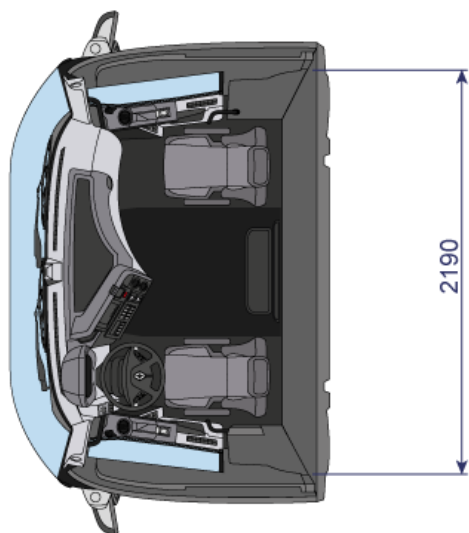
Electronically controlled air conditioning.
Cabin Air Filtration, Washable Filter
User manual in English
2 speakers.

Steering wheel equipment:

"Performance" 4-spoke steering wheel, adjustable in two planes, with cruise control control
OPTIDRIVER control
Retarder and OPTIBRAKE control on the right
[2-way adjustable steering column](#)
[Writing desktop](#)
Single CD player with mp3/WMA support
Dual tuner with instant station list updates
Steering wheel radio control
Jack (3.5) and USB inputs for mp3 player
Hands-free interface for mobile phone (Bluetooth technology), audio streaming, steering wheel control, microphone in the roof panel, audio played by vehicle speakers
Information on the main display

Dashboard:

Dashboard short
7" HD color display
[12V + 24V socket on the dashboard for accessories.](#)
Engine start lock key.
Boot button
Speed according to the customer +5km/h on the descent
Knob configurable controller and speed limiter
Power mode (Eco - Eco off)
Without ECO mode



ELECTRONIC EQUIPMENT

Display in Polish and English
[Additional language \(German\)](#)
OBD socket in the cabin for downloading data and vehicle diagnostics.
Assistance button for easy location via the platform 24/7
4G telematics module TGW3 (telematic gate away) with antenna and Optifleet subscription (Map, Chek, Drive)
Telenor SIM card

ELECTRICAL EQUIPMENT

225 Ah battery.
Maintenance-free batteries
Remote control of the battery switch
Automatic activation of the electrical standby mode
Alternator 150 A
No grilles on the taillights

FRAME

Painting the frame gray
Technical code: 03650
[Chassis reinforcement from the rear of the engine to the rear of the chassis](#)
Standard overhang, holes for body mounting.
Front tow hook, removable reinforced
No rear bumper.
Shaft crossbar medium
Trailer crossbar for coupling G150 (100 x 160 mm mounting)
[ROCKINGER 400 G 150 coupling, DIN 150 holes and stem diameter 40 mm, D 130 kN](#)
Dual cartridge air filter for high dust
[2 plastic wheel chocks.](#)



[Wheel chock in rear overhang](#)

Exhaust between stringers.

Equipment mounted on the vehicle for pick-up on wheels

BUMPERS - ENTRY STEPS AND LIGHTING

Steel bumper

Steps to access the windshield in the grille and under the bumper (folding)

4 entrance steps to the cabin.

The first stage is made of composite.

Cabin step lighting.

3-piece bumper painted black

Daytime running lights

Preparation for the headlight bracket on the roof

[Front fog lights.](#)

Preparation for rotating lights.

SUSPENSION

Front suspension

Reinforced 3-leaf parabolic front springs

Standard stabilizer

Rear suspension

3-leaf parabolic rear springs

Stabilizer

Rear shock absorber

FUEL TANK

Steel main tank.

315 litre tank (D560) on the right

Fuel Filter Heater

Heating and insulation of the diesel system

GEARBOX RATIOS

1	2	3	4	5	6	7	8	9	10	11	12
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 change the above technical data without notice.

The document is not binding.

Adaptations can only be made on the basis of our documentation

Reinforced pre-filter with clarifier (R90). Drainage control on the dashboard.

AdBlue

AdBlue tank 48 liters .

D-shaped profile with a diameter of 560 mm.

AdBlue tank on the right

STANDARD EQUIPMENT

Toolkit.

[Hose Extension Cable For Inflating Wheels](#)

Reverse Buzzer.

Washer fluid tank capacity 8.8 l

BODY

[Double fire cabin 6-seater, 4-door](#)

[Free space behind the second front axle](#)

Body mounting brackets (front only)

LED side marker lights orange with reflective .

Body Builder Module (BBM) - High

[Body-on-frame electrical interface](#)

SERVICE

Optifleet:

Adaptation of Optifleet Check on a monthly basis: technical data reports for the control of fuel consumption in a given vehicle by a given driver, activation of the service by submitting an application for a monthly subscription
Optifleet Map adaptation monthly: vehicle location, geobarrier and route analysis. Enabling the service by applying for a monthly subscription.