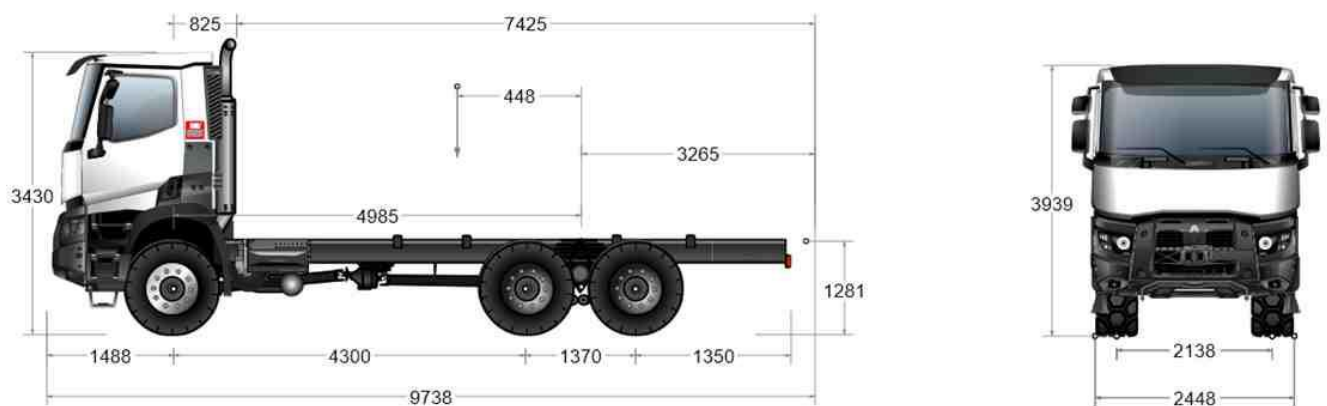


RENAULT TRUCKS K P6X6 MEDIUM 13L E3 - GVW 26T / GCW 50 T

RENAULT TRUCKS

K 460



WEIGHTS

Wheelbase		mm	4.300
Payload	(C)	Kg	15907
Maximum Weight (registered)	Total (GVW)	Kg	26000
	Front axle(s)	Kg	9000
	Front axle 1	Kg	9000.00
	Rear axle(s)	Kg	21000
	rear axle 1	Kg	10500
	rear axle 2	Kg	10500
Min. weight complete vehicle unladen	Front axle(s)	Kg	
Kerb Weight	total	Kg	10093
Chassis cab kerb weight	Front Axle 1	Kg	5669.00
	Rear Axle 1	Kg	2212.00
	Rear Axle 2	Kg	2212.00
	Front axles (Liftable axle down)	Kg	5669
	Rear axles (Liftable axle down)	Kg	4424
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	8804.00
	Rear axle(s)	Kg	17196.00
Total vehicle weight under full load at YMIN	Front axle(s)	Kg	7097.00
	Rear axle(s)	Kg	18903.00

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)

SPECIFICATION SHEET

LENGTHS

Wheelbase		mm	4.300
Front Overhang	(H / BEP L016)	mm	1488
Wheelbase	(F / BEP L011)	mm	4300
Technical wheelbase	(F' / BEP L015)	mm	4985
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1370.00
Rear overhang	Chassis, overall (BEP L017)	mm	1350
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2195
	Max. (Xmax / BEP L017)	mm	3265
Rear overhang	from end of technical wheelbase (N')	mm	1885.00
Cab entry	(B / BEP L102)	mm	825
Body length	Min. (Wmin / BEP L105)	mm	6355
	Max. (Wmax / BEP L105)	mm	7425
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	983
	Min. (Ymin / BEP L104)	mm	448
Centre of Gravity of vehicle	at X (BEP L044)	mm	2201.00
Overall Chassis Length	(A / BEP L001)	mm	8433

HEIGHTS

Wheelbase		mm	4.300
Ground clearance, laden	Rear (U3 / BEP H016)	mm	352
	Front (U1 / BEP H015)	mm	384
Max. exterior height unladen	(BEP H001)	mm	3939
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	4084.00
Cab height (unladen)	(O)	mm	3430
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	
	Laden (H0 / BEP H18)	mm	584.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1305.00
	Laden (H1 / BEP H036)	mm	1240.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1281
	Laden (H2 / BEP H038)	mm	1202
Frame top height at the rear of the frame	Unladen (HN)	mm	1267.00
	Laden (HN)	mm	1180.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	986.00
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	4.300
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L045 + L016)	mm	
Distance between centre of last axle to centre of coupling device		mm	
Height of towing hook / top of side member	(BEP H045)	mm	

WIDTHS

Wheelbase		mm	4.300
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2524.00
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

SPECIFICATION SHEET

OTHER

Wheelbase		mm	4.300
Approach angle	(BEP H010)	°	33
Ramp angle	(BEP H012)	°	26.00
Departure angle	(BEP H011)	°	31.90
Side member thickness	(BEP W034)	mm	13.00
Turning Radius	Overall (BEP W012)	mm	10150.00
	kerb to kerb	mm	9593.00
	interior	mm	5481.00

DXi13 ENGINE

Maximum power: 331 kW from 1450 to 1800 rpm.

Maximum torque: 2200 Nm from 1050 to 1400 rpm.

6-cylinder in-line diesel engine - High-pressure fuel-injection (2400 bar) by pump injectors - 24 valves - overhead camshaft, rear-mounted timing

Bore 131 mm - stroke 158 mm - Capacity 12.8L

Electronically controlled fan

Turbocharger

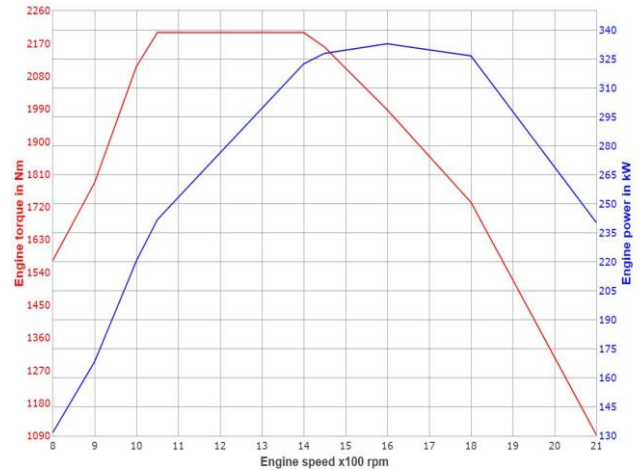
Direction of rotation (seen from G/B end): anti-clockwise

Oil service interval up to 100,000 km

Sheet metal oil sump

EEC EURO III exhaust emissions level

Cooling liquid



ENGINE EQUIPMENT

Aluminium engine flywheel casing.

Fast idling control whilst moving (muddy site)

Power Mode (Eco/Eco Off)

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,

Gearbox rear intermediate housing in aluminium

Heavy duty gearbox oil cooler, oil/water external heat exchanger

TRANSFER BOX

Single-stage transfer box BT C 2501

Without differential lock

RETARDER

OPTIBRAKE+ :

Combination of the exhaust brake retarder and valve braking.

Full electronic management (power : 414kW at 2300 rpm),

coupled to service brake.

POWER TAKE-OFF

Power take-off S84

Output: splined hollow shaft (DIN 5462)

Direction of rotation: as engine

Torque: 430 Nm

Ratios: 0.91/1.16

Position: 17h

STEERING

Power steering, variable-flow hydraulic pump

Steering ratio 26.2:1 - Steering wheel diameter 460 mm

Driving on the right

FRT. DR. AXLE

FRONT AXLE

Axle with zero-maintenance steering knuckles

Front drive axle PA 903

SPECIFICATION SHEET

Front load capacity (technical max.): 9 t

WHEELS AND TYRES

*Dimension 395/85 R20, single wheel fitment
Profile M. XZL2/XZL2*

Steel disc wheels

Spare wheel and tyre supplied loose.

REAR AXLES

PMR 2661 drive axle with double reduction

Integral differential lock

Rear loading capacity (technical max.): 26 t

Rear load equally distributed

Drive axle ratio: 3.61

Engine speed at 90 km/h: 1505 rpm

Service brake:

Twin-cylinder air compressor 900 l/min, 636 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.

Silencer on pneumatic circuit

Two line trailer braking system (ISO connections).

Trailer brake device on rear crossmember

High-position rear brake cylinders

EBS:

Anti-lock braking system (ABS)

Retarder and service brake linking

Differential engagement management (if equipped) at speeds <10 km/h (4x2)

Hill Start Aid

Braking performance warning

Emergency brake assist (EBA)

Emergency brake lights (EBL)

Parking brake:

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

CAB

Cab exterior:

Day cab

All steel Cab, electro-zinc plated and cathoretic paint treatment.

Cab paint colour: White ekla

technical code: 09350

Red badge

Four point mechanical cab suspension.

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

Air horn

Exterior parts finished in black

External sun visor

Tinted, laminated windscreen.

Without rear window.

Cab interior:

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

No reversing camera

Without tachograph

Without tachograph calibration

Manual roof vent

Mosquito net on air vent

Rubber insulating floor mats

Adjustable vertical damping

Adjustable seat back

Length and height-adjustable

Seat quick-drop function with height setting storage

Removable seat cover

Integral headrest

Two driver's armrests

Red seat belts

Seat belt fastened reminder

seat squab tilt

Length-adjustable

Integral headrest

Without air suspension

Third centre seat

Cloth fabric trim

Blower

Air blower inside the cab

Removable rear storage compartment, left-hand side

Reading lamps on overhead ledge

Direct cab lighting

Cab lighting time-delay.

2 Coat hooks on rear panel

First-aid box (Arab countries)

Electrically operated door windows

Electronic air conditioning.

Cab air filtration, washable filter

Handbook and Service pack in French.

2 loudspeakers.

2 kg fire extinguisher in cab, accessible from inside and outside the cab

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

Mono CD player, MP3/WMA format-compatible

Double tuner for immediate radio station list update

Steering column-mounted radio controls

Jack (3.5 mm) and USB inputs for MP3 player

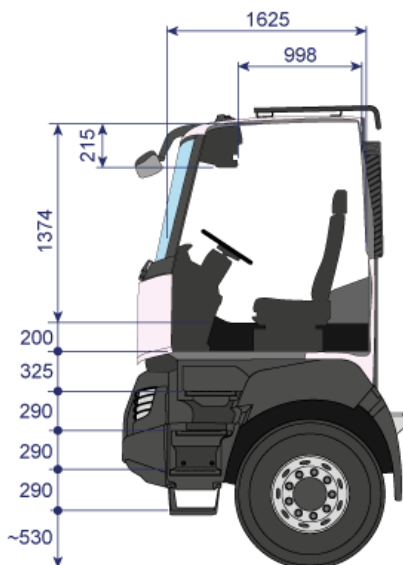
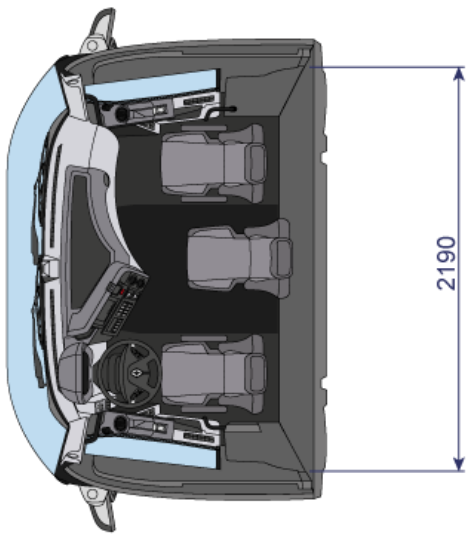
Hands-free interface for mobile telephone (Bluetooth technology), Audio streaming, steering wheel controls, microphone in the roof console, audio playback through vehicle speakers

Information on the main information display

SPECIFICATION SHEET

Instrument panel:

COMPACT dashboard
7" HD colour information display
12 V + 24 V socket on dashboard, for accessories.
Starting inhibitor controlled by transponder key.
Start button
Customer speed +5 km/h downhill
Cruise control and speed limiter configurable by rotary control
Power Mode (Eco/Eco Off)
Without Eco Mode



ELECTRONIC EQUIPMENT:

English and Arabic language display

Additional language (French)

SAE cab socket for vehicle data extraction

4G TGW3 telematics unit (telematic gateway) including an antenna and enabling subscription to Optifleet services (Map, Check, Drive)

TELENOR SIM card

ELECTRICAL EQUIPMENT

Battery capacity: 225 Ah

Maintenance-free batteries

Battery cut-out remote control

Electrical circuit automatically goes to standby

Alternator : 150 amp capacity.

No protection on rear lights

Rear signalling lighting.

CHASSIS

Chassis protective paintwork, mineral grey colour

technical code: 03650

Chassis reinforcement from gearbox crossmember to rear of chassis

Reinforced removable front towing cap

Without rear under-run bar .

Transmission crossmember Medium

Trailer cross member for G150 hook (100 x 160 mm attachment)

Twin cartridge air filtration for dusty environments, with cyclonic primary filtration

Two wheel chocks with bracket.

Wheel chock supplied loose

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

BUMPER CORNERS AND CENTER PAINTED IN BLACK

Lighting to EEC standards.

Provision for lighting rail on front end

Roof beacon pre-equipment

SUSPENSION

Front suspension

3-leaf reinforced front leaf springs

Stabiliser bar

Rear suspension:

3-leaf parabolic rear springs

Stabiliser bar

SPECIFICATION SHEET

FUEL TANK

Main steel tank.
Main fuel tank: 315 litres capacity D560 profile mounted on right
Heavy duty fuel prefilter (R120), reinforced on chassis.

AdBlue

without AdBlue tank

STANDARD EQUIPMENT

Tool kit.
Tyre pressure gauge
Tyre inflation extension piece
Jack 20t
Warning triangle.
Windscreen washer bottle capacity: 8.8L

BODYWORK

6 paires de kit semi-rigide (entretoises)
Body mounting brackets (front only)
Bodybuilder access through bulkhead
Interface for bodybuilder connections and BBM module (Body Builder Module) - High

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

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, Wedgnock Lane , Warwick , CV34 5YA Telephone +44 (0)1926 475333.