

RO - RTG,60.1  
 Model code : 31KP036MED01  
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Prepared for :

**RENAULT TRUCKS K P6X6 MEDIUM 13L E6 - GVW 26T / GCW 40 T**



**WEIGHTS**

Wheelbase		mm	4.900
Maximum Weight (registered)	Total (GVW)	Kg	26000
Maximum Weight (technical)	GCW (CoC : 16.4)	Kg	56300
Payload	(C)	Kg	15045
Kerb Weight	total	Kg	10955
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	5727
	Rear axles (Liftable axle down)	Kg	5194
Maximum Weight (registered)	Front axle 1	Kg	9000
	rear axle 1	Kg	9500
	rear axle 2	Kg	9500
	Rear axle(s)	Kg	19000
Maximum Weight (technical)	total (CoC: 16.1.)	Kg	35000
	front axles (CoC: 16.3.)	Kg	9000
	rear axles (CoC: 16.3.)	Kg	26000

**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**



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corresponding to 26% of the weight of the unladen bodied vehicle kerb weight (with driver, without passenger)

**LENGTHS**

Wheelbase		mm	4.900
Body length	Min. (Wmin / BEP L105)	mm	7046
	Max. (Wmax / BEP L105)	mm	8115
Front Overhang	(H / BEP L016)	mm	1500
Cab entry	(B / BEP L102)	mm	615
Wheelbase	(F / BEP L011)	mm	4600
Technical wheelbase	(F' / BEP L015)	mm	5285
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1370
Rear overhang	Chassis, overall (BEP L017)	mm	2499
Overall Chassis Length	(A / BEP L001)	mm	9886
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	613
	Max. (Ymax / BEP L103)	mm	1147
Min Overall Length (Z)	(Zmin / BEP L001)	mm	9161
Max Overall Length (Z)	(Zmax / BEP L001)	mm	10230
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2376
	Max. (Xmax / BEP L017)	mm	3445

**HEIGHTS**

Wheelbase		mm	4.900
Cab height (unladen)	(O)	mm	3375
Max. exterior height unladen	(BEP H001)	mm	3549
Side member height	(BEP H032)	mm	300
Ground clearance, laden	Front (U1 / BEP H015)	mm	331
	Rear (U3 / BEP H016)	mm	327
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1250
	Laden (H1 / BEP H036)	mm	1186
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1231
	Laden (H2 / BEP H038)	mm	1178
Frame top height at the rear of the frame	Unladen (HN)	mm	1217
	Laden (HN)	mm	1172

**WIDTHS**

Wheelbase		mm	4.900
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	2499
	Rear axle 2 (V5 / BEP W003.3)	mm	2499
Track	Front (V1 / BEP W013.1)	mm	2128
	Rear 1 (V2 / BEP W013.2)	mm	1837
	Rear 2 (V4 / BEP W013.2)	mm	1837

**OTHER**

Wheelbase		mm	4.900
Side member thickness	(BEP W034)	mm	13
Turning Radius	kerb to kerb	mm	9894.5
	Overall (BEP W012)	mm	10450



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## 13 ENGINE

**Max. power output: 360 kW between 1404 and 1700 rpm**

**Max. torque: 2400 Nm from 960 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

*Engine adapted to sulphur diesel*

EEC EURO VI pollution control level

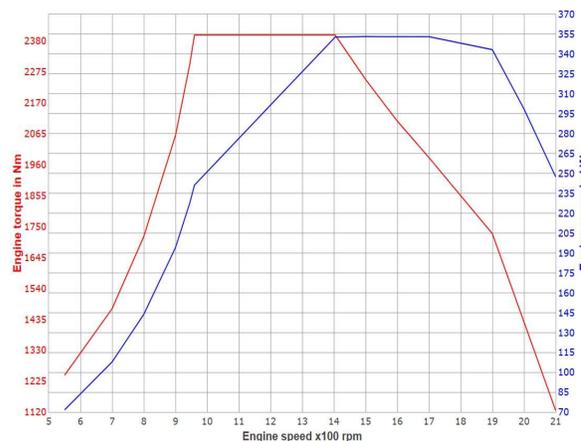
Compact after-treatment system (catalytic converter, DPF, SCR)

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)

Power Mode (Eco/Eco Off)

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

*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.

AT&T 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 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,

*Reinforcement of the Optidriver gearbox for heavy duty use (XTREM)*

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

## 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: 0.71/0.90

Position: 6 o'clock



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## 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.): 9 t*

## BRAKING

### Service brake:

*Twin-cylinder air compressor 1100 l/min, 760 cm<sup>3</sup>*  
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  
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)  
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 385/65 + 315/80 R22.5*  
TYRE: PROFILE  
*Goodyear OMNITRAC S-HL / D*  
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: 3.76*

## CAB

### Cab exterior:

Day cab  
All steel Cab, electro-zinc plated and cathaphoretic paint treatment.  
*Cab paint colour: Red RAL 3000*  
*technical code: 11739*  
Red badge  
Four point mechanical cab suspension.  
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  
Front wing mudflaps  
Exterior parts finished in black  
*External sun visor*  
*Heated and tinted laminated windscreen*  
Tinted rear cab window



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**Cab interior:**

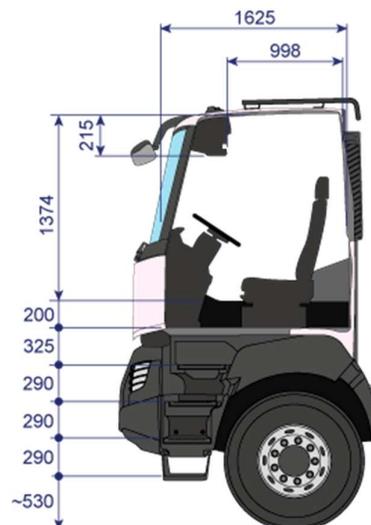
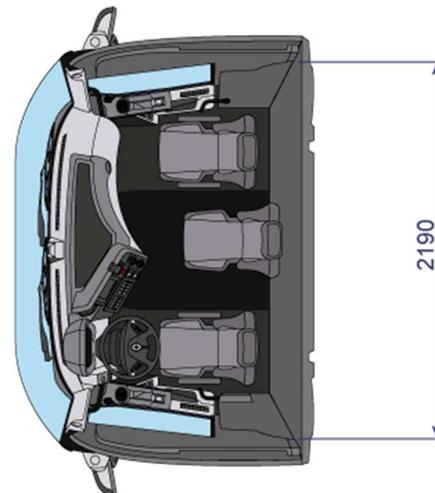
- Black grab handles
- Cab interior finish - Dark
- Quality roof console, 1 storage compartment with key lock, 1 storage space with net and 4 ISO modules
- Interior sun blind on windscreen and driver's side window
- With digital camera.
- DTCO 4.1 digital tachograph
- Manual roof vent
- Mosquito net 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
- Driver's seat suspension lock function
- Red seat belts
- Seat belt fastened reminder
- seat squab tilt
- Length-adjustable
- Integral headrest
- Without air suspension
- Third centre seat*
- Cloth fabric trim
- Blower
- Reading lamps on overhead ledge
- Direct cab lighting
- Cab lighting time-delay.
- 2 Coat hooks on rear panel
- 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)*
- Electronic air conditioning.
- Cab air filtration, washable filter
- Log book in Romanian*
- 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
- OPTIDRIVER 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
- 12V 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



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## ELECTRICAL EQUIPMENT

Battery capacity: 225 Ah  
 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)*  
*Adaptation "installing a battery reconditioner"*

## CHASSIS

Chassis protective paintwork, mineral grey colour  
 technical code: 03650  
*Chassis reinforcement from rear of engine to rear end of chassis*  
 Standard rear overhang, pre-drilled for bodybuilder  
 Reinforced removable front towing cap  
 Chassis-mounted 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*  
 Twin cartridge air filtration for dusty environments  
*Rear wings with mudflaps*  
*Wings fitted in standard position.*  
*Two wheel chocks with bracket.*  
*Wheel chock in rear overhang*  
 Side exhaust.

## BUMPER - STEPS AND LIGHTING

Steel bumpers  
*Headlight protective plexiglass*  
 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  
*Front fog lights.*  
 Roof beacon pre-equipment

## SUSPENSION

### Front suspension

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

## GEARBOX RATIOS

R1	R2	R3	1	2	3	4	5	6	7	8	9	10	11	12
17.49	13.73	4.02	14.94	11.73	9.04	7.09	5.54	4.35	3.44	2.70	2.08	1.63	1.27	1.00



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### Rear suspension:

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

## FUEL TANK

Main steel tank.  
 Main fuel tank: 315 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*  
*Two warning triangles.*  
 Reversing warning buzzer, including night switch.  
 Windscreen washer bottle capacity: 8.8L

## BODYWORK

Body mounting brackets (front only)  
*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  
*SYGIC NAVIGATION connected app +*  
 With dynamic maintenance plan.

*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 ,  
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