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# K 380.18 4X2 R MEDIUM E6

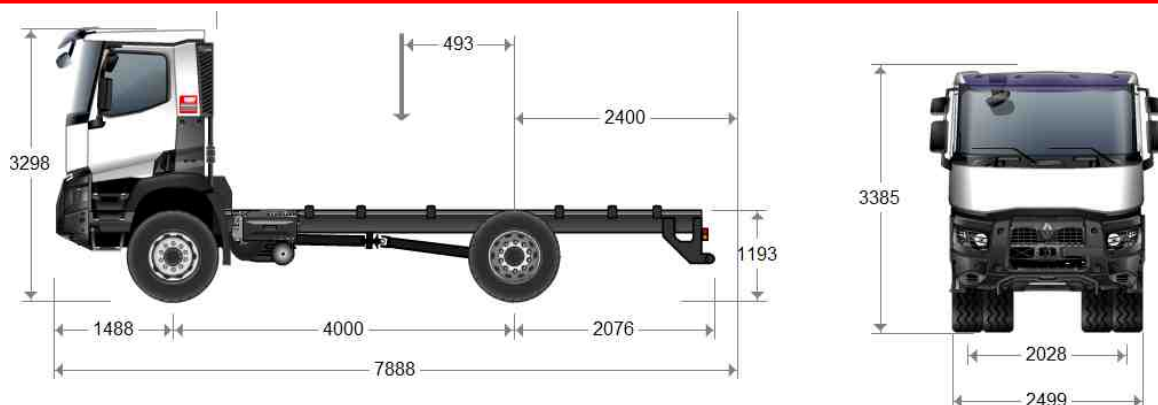
RIGID

Model code : UKT\_31KJ016MD000

GVW 18T / GTW 40 T

DAY CAB

REAR TANDEM PARA. SUSP.15T



## WEIGHTS

Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Maximum Weight (registered)	Total (GVW)	Kg	0		18000		
Payload	(C)	Kg	0	10708	10654	10604	
Kerb Weight	total	Kg	0	7292	7346	7396	
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	0	4987	5010	5028	
	Rear axles (Liftable axle down)	Kg	0	2305	2336	2368	
Maximum Weight (registered)	Front axle 1	Kg		8000			
	rear axle 1	Kg	0	11500			
Maximum Weight (technical)	total (CoC: 16.1.)	Kg		21000			
	front axles (CoC: 16.3.)	Kg		8000			
	rear axles (CoC: 16.3.)	Kg		13000			

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)

The weight of the vehicle is an average indicative weight of its STANDARD build, filled with urea, oil, windscreen wash liquid and coolant at 100%, fuel level at 90% and with driver (75kg).

## LENGTHS

Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Body length	Min. (Wmin / BEP L105)	mm	0	4730	5030	5392	
	Max. (Wmax / BEP L105)	mm	0	5785	6265	6745	
Front Overhang	(H / BEP L016)	mm	0	1488			



Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Cab entry	(B / BEP L102)	mm	0		615		
Wheelbase	(F / BEP L011)	mm	0		4000	4300	4600
Technical wheelbase	(F' / BEP L015)	mm	0		4000	4300	4600
Rear overhang	Chassis	mm	0		2076	2226	2376
Overall Chassis Length	(A / BEP L001)	mm	0		7564	8014	8464
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	0		493	553	613
	Max. (Ymax / BEP L103)	mm	0		1020	1170	1289
Min Overall Length (Z)	(Zmin / BEP L001)	mm	0		6833	7133	7495
Max Overall Length (Z)	(Zmax / BEP L001)	mm	0		7888	8368	8848
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	0		1345		1407
	Max. (Xmax / BEP L017)	mm	0		2400	2580	2760

## HEIGHTS

Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Cab height (unladen)	(O)	mm	0		3298		3297
Max. exterior height unladen	(BEP H001)	mm	0		3385	3384	
Side member height	(BEP H032)	mm			300		
Ground clearance, laden	Front (U1 / BEP H015)	mm	0		365		
	Rear (U3 / BEP H016)	mm	0		327		
Frame top height at front axle	Unladen (H1 / BEP H035)	mm			1173		1172
	Laden (H1 / BEP H036)	mm			1100		
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	0		1193		
	Laden (H2 / BEP H038)	mm	0		1106		
Frame top height at the rear of the frame	Unladen (HN)	mm			1203		
	Laden (HN)	mm			1109		

## WIDTHS

Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Max. cab width	(BEP W002)	mm	0		2492		
Frame width	Front (BEP W035)	mm	0		1080		
	Rear (BEP W036)	mm	0		852		
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	0		2499		
Track	Front (V1 / BEP W013.1)	mm	0		2028		
	Rear 1 (V2 / BEP W013.2)	mm	0		1837		

## OTHER

Wheelbase		mm	3.400	3.700	4.000	4.300	4.600
Side member thickness	(BEP W034)	mm			8		
Turning Radius	kerb to kerb	mm			7156	7606	8056
	Overall (BEP W012)	mm			7850	8300	8750

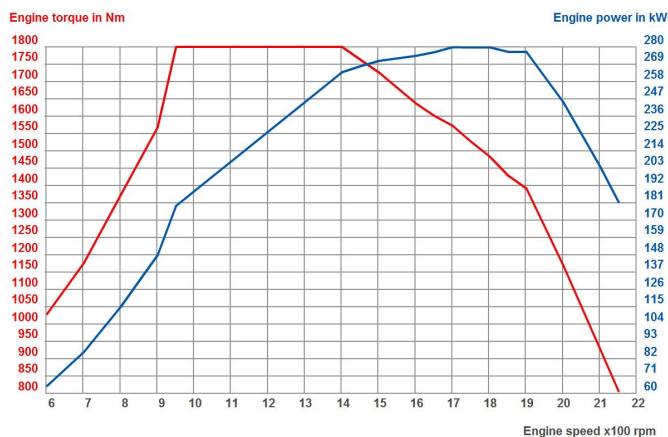


## DTI 11 ENGINE

**Max. power output: 279 kW between 1700 and 1850 rpm**  
**Max. torque: 1800 Nm from 950 rpm to 1400 rpm**  
 Power output (UK): 375 hp  
 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 123 mm - stroke 152 mm - Capacity 10.8 L  
 Turbocharger  
 Electronically controlled fan  
 Direction of rotation (seen from G/B end): anti-clockwise  
 Sheet metal oil sump  
 EEC EURO VI pollution control level  
 Compact after-treatment system (catalytic converter, DPF, SCR)  
 Cooling liquid  
 Reduction in engine torque of 25% when vehicle emissions are above the legislative levels, step-D (EC regulation).  
 Automatic regeneration of particulate filter  
 Vehicle noise level set at 82 dB(A)

## ENGINE

- Automatic particulate filter regeneration with manual control



## ENGINE EQUIPMENT

Aluminium engine flywheel casing.  
 Fast idling control whilst moving (muddy site)  
 Power mode is activated by passing the 'hard spot' at the end of the accelerator pedal stroke (kick down)  
 Partial gas recycling (semi-closed circuit)  
 Without engine Power Take Off.  
 Electronic speed limiter (90 km/h).

## OPTIONS

- Cast iron engine flywheel casing.
- Automatic engine cut-off (5 min)
- Engine rear power take-off:

Flange output DIN 100

Continuous drive

Direction of rotation: as engine

Torque: static use 650 Nm, dynamic use 200 Nm

Ratio: 1.08

Position 1 o'clock

- Engine rear power take-off:

Hollow shaft output DIN 5462

Continuous drive

Direction of rotation: as engine

Torque: static use 650 Nm, dynamic use 200 Nm

Ratio: 1.08

Position 1 o'clock

- High output PTO, continuous use (between engine and gearbox)

Max. transmissible torque: 2000 Nm

max. available torque:

1185 Nm on 380 hp

1364 Nm on 430 hp

1472 Nm on 460 hp

Ratio: 1.21

Flange output: DIN 120 position 12 o'clock

Direction of rotation: as engine

- High power PTO, continuous use (between engine and gearbox)

Max. transmissible torque: 1600 Nm

max. available torque:

931 Nm on 380 hp

1072 Nm on 430 hp

1156 Nm on 460 hp

Ratio: 1.54

Flange output: DIN 120 position 12 o'clock

Direction of rotation: as engine

- Electronic speed limiter (80 km/h).
- Customer speed reduction to 80 km/h
- Customer speed reduction to 82 km/h
- Customer speed reduction to 85 km/h
- Customer speed reduction to 88 km/h
- Vehicle downhill speed regulation coupled to the retarder

## CLUTCH

Single-plate clutch, diameter 430 mm

## GEARBOX

Optidriver AT 2612F gearbox (14.94 - 1) with automatic clutch. Aluminium housing.

Max. torque 2550 Nm, 12 forwards gears and 3 reverse gears.

Steering wheel-mounted operating mode selection

(automatic/manual) via gear shift selector.

Gearbox rear intermediate housing in aluminium

Gearbox oil cooler, oil/water heat exchanger

## OPTIONS

- Optidriver ATO 2612F gearbox (11.73 - 0.79) with automatic clutch. Aluminium housing.

Max. torque 2550 Nm, 12 forwards gears and 3 reverse gears

Steering wheel-mounted operating mode selection

(automatic/manual) via gear shift selector.



- Optidriver Extended ATO 2613F gearbox (17.54 - 0.79) with automatic clutch. Aluminium housing.  
Max. torque 2550 Nm, 13-speed including 1 forward crawler gear and 5 reverse gears including one extra short-ratio.  
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector.
- Optidriver AT 2613 gearbox (19.40 - 1) with automatic clutch. Aluminium housing.  
Max. torque 2550 Nm, 13-speed including 1 forward crawler gear and 5 reverse gears including one extra short-ratio.  
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
- "Extreme" gearbox oil cooler, oil/water and air/water

## RETARDER

OPTIBRAKE (power rating 300 kW at 2300 rpm):  
combination of the exhaust brake and valve compression braking, coupled to service brake

## OPTIONS

- Voith hydraulic retarder (450 kW - 3250 Nm)

## POWER TAKE-OFF

### POWER TAKE-OFF

- Without gearbox mounted PTO
- Power take-off PTR-DM  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: as engine  
Torque: 600 Nm  
Ratios: 1.06/1.35  
Position: 16h
- Power take-off PTR-DH  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: as engine  
Torque: 600 Nm  
Ratios: 1.23/1.57  
Position: 16h
- Power take-off PTR D-D1D:  
Output: splined hollow shaft (DIN 5462), rotation as engine, torque 1000 Nm, Ratio 0.6/0.77. Position 17h  
Mixed output (DIN 5462/DIN 120), rotation opposite to engine, torque 730 Nm, Ratio 1.29/1.65. Position 16h
- Power take-off PTR D-D1D:  
Output: splined hollow shaft (DIN 5462), rotation as engine, torque 1000 Nm, Ratio 0.6/0.75. Position 17h  
Mixed output (DIN 5462/DIN 120), rotation opposite to engine, torque 870 Nm, Ratio 1.04/1.32. Position 16h
- Power take-off S84, 500 Nm, flange output
- 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

- Power take-off PTR-FH7  
Output: flange (DIN 90)  
Direction of rotation: as engine  
Torque: 600 Nm  
Ratios: 1.23/1.57  
Position: 16h

- Power take-off PTR-FL2  
Output: flange (DIN 90)  
Direction of rotation: as engine  
Torque: 600 Nm  
Ratios: 0.73/0.91  
Position: 16h

- Power take-off S81  
Output: flange (DIN 90)  
Direction of rotation: opposite to engine  
Torque: 1000 Nm  
Ratios: 0.71/0.90  
Position: 18h

- Power take-off S84  
Output: flange (DIN 90)  
Direction of rotation: as engine  
Torque: 430 Nm  
Ratios: 0.91/1.16  
Position: 17h

- Power take-off S84, 500 Nm, internal spline output
- Transmission power take-off PTRD-D  
splined hollow shaft output (DIN 5462), rotating engine, torque 1000 Nm, ratios: 0.60 / 0.76, position 17 h  
splined hollow double shaft output (DIN 5462), reverse rotating engine, torque 730 Nm, ratios: 1.29 / 1.65, position 16 h
- Transmission power take-off PTRD-D  
splined hollow shaft output (DIN 5462), rotating engine, torque 1000 Nm, ratios: 0.57 / 0.73, position 17 h  
splined hollow double shaft output (DIN 5462), reverse rotating engine, torque 870 Nm, ratios: 1.04 / 1.32, position 16 h
- Power take-off S81  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: opposite to engine  
Torque: 1000 Nm  
Ratios: 0.71/0.90  
Position: 18h

## STEERING

Right hand drive.  
Power steering, variable-flow hydraulic pump  
Steering ratio 20:1 - Steering wheel diameter 460 mm  
Driving on the left

## OPTIONS

- Hydraulic power steering, variable flow pump

## FRONT AXLE

Front hub joints with grease nipples  
Front load capacity (technical max.): 8 t



## OPTIONS

- Axle with zero-maintenance steering knuckles
- Front suspension and hub joints with grease nipples

## WHEELS AND TYRES

Dimension 315/80 R22.5  
Profile B. M840 EVO / L355 EVO  
Steel disc wheels  
Steel front wheel trims  
Without spare wheel.

## OPTIONS

- Dimension 385/65 + 315/80 R22.5
- B. DURAVIS R-STEER 02 / R-DRIVE 02 profile
- Profil B. DURAVIS R-STEER 2 EVO/ R-DRIVE 2
- Profile G. KMAX-2 S/D
- Profile M. X MULTIWAY 3D XZE/XDE
- M. X MULTI Z/X MULTIWAY 3D XDE profile
- Profile B. M748 EVO / L355 EVO
- Profile B. M-STEER 001 / M-DRIVE 001
- Profile B. M840 EVO / L317 EVO
- C. CROSSTRAC HS3 / HD3 profile
- Profile G. OMNITRAC S/ D
- Profile G. ORD/ORD
- Profile M. X WORKS-HD Z / D
- ISO\_11992 compatible tyre pressure monitoring system
- Chrome wheel nut protectors with chrome wheel nut caps

## REAR DRIVE AXLE

P1361 drive axle with double hub reduction  
Integral differential lock  
Rear loading capacity (technical max.): 13 t  
Drive axle ratio: 3.61

## REAR DRIVE AXLE

- Other drive axle ratios are available

### Service brake:

Twin-cylinder air compressor 900 l/min, 636 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.  
Silencer on pneumatic circuit  
Two line trailer braking system (ISO connections).  
Trailer brake device on rear crossmember  
High-position rear brake cylinders

### EBS:

Hill Start Aid  
Wheel anti spin regulation (ASR)  
Brake pad wear balancing (discs)  
Wheel antilock braking system (ABS)  
Emergency braking assist (AFU)  
Harmonisation of tractor and trailer braking  
Brake performance warning  
Coupling of retarders and service brakes

### Parking brake:

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

### Brake adjustment:

Automatic brake lining slack compensation.

### Emergency brake:

Ensured by independence of main device circuits

## OPTIONS

- Twin-cylinder air compressor 1100 l/min, 760 cm<sup>3</sup>
- Disengageable air compressor
- Adaptation: "Forced parking brake if driver's door is open at a speed below 3 km/h"
- Steel protective cover on EACU
- Anti-lock braking system (ABS)  
Drag torque control (Torque control during downshifting).  
Brake harmonisation of tractor and trailer.  
Retarder and service brake linking  
Differential engagement management (if equipped) at speeds <10 km/h (4x2)  
Braking performance warning  
Emergency brake assist (EBA)

## CAB

### Cab exterior:

Day cab  
All steel Cab, electro-zinc plated and cataphoretic paint treatment.  
Cab paint colour: White ekla  
technical code: 09350  
Red badge  
Black front face finish  
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  
Fold-back front view mirror  
Air horn  
Front wing mudflaps  
Basic accessories: cab colour  
External sun visor  
Tinted, laminated windscreen.  
Tinted rear cab window

## OPTIONS



- Cab accessories: cab colour
- Adaptation: "Cab rear screen (according to option 97502)"
- "Wide external sun visor" adaptation
- "Red paint code 11739 colour components:
  - Front end panel
  - Steps
  - Front wings under cab
  - Door mirrors" adaptation
- "Orange paint code 02314 colour components:
  - Front end panel
  - Steps
  - Front wings under cab
  - Door mirrors" adaptation
- "Cab paint colour-matched components:
  - Front end panel
  - Steps
  - Front wings under cab
  - Door mirrors" adaptation
- 4-point cab air suspension with ride-height control system
- Rearview mirrors silver finish
- Wide external sun visor
- Heated and tinted laminated windscreen
- Without rear window.

### Cab interior:

Performance finish  
Quality roof console, 1 storage compartment with key lock, 1 storage space with net and 4 ISO modules  
Interior sun blind on windscreen  
DTCO 4.0 digital chronotachograph  
Manual roof vent  
Rubber insulating floor mats  
Air-suspended driver's seat with fitted seat belt  
Driver's armrest  
Safety belt warning.  
Fixed passenger's seat with seat belt.  
Cloth seat trim.  
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  
Electrically operated door windows  
Electronic air conditioning.  
Cab air filtration, washable filter  
Handbook and Service pack in English.  
2 loudspeakers.

## OPTIONS

- Electric interior sun blind on windscreen and manual blind on driver's side window
- Electric interior sun blind on windscreen, manual blinds on driver and passenger side windows
- Radio pre-equipment including wiring, antenna and loudspeakers.
- ROADPAD system comprising:
  - FM and DAB+ radio
  - USB port and jack socket
  - dual Bluetooth connection
- ROADPAD+:
  - HGV-specific TOM TOM navigation system
  - FM and DAB+ radio
  - USB port and jack socket

- dual Bluetooth connection
- CB pre-equipment.
- Air-suspended driver's seat with fitted seat belt and suspension lock
- Air-suspended driver's seat with integral seat belt, adjustable lumbar support, adjustable seat cushion extension, heated seat (3 positions)
- Two driver's armrests
- Air-suspended passenger seat with seatbelt.
- EASY ACCESS air-suspended passenger seat
- Passenger armrest
- 3rd centre seat with 3-point seat belt
- Performance lower bunk
- Performance upper bunk
- Removable back rest
- Leather seat trim.
- Multi-compartment storage on engine tunnel with 24 V socket
- Reading lamps on overhead ledge
- Direct cab lighting
- Curtains around cab.
- Curtains around cab. Curtain separating driving position from rest area.
- Bunk area lighting
- Articulated LED lamps in bunk area
- 12 and 24 V sockets on bunk
- Central storage under bunk
- Cab independent night heater air/air (2 kW)
- Cab air filtration
- 4 loudspeakers and 2 tweeters
- Engine hourmeter.
- air connector under driver's seat and blower supplied
- Radio pre-equipment including wiring, antenna and loudspeakers.
- ROADPAD system comprising:
  - FM and DAB+ radio
  - USB port and jack socket
  - dual Bluetooth connection
- ROADPAD+:
  - HGV-specific TOM TOM navigation system
  - FM and DAB+ radio
  - USB port and jack socket
  - dual Bluetooth connection
- Pre-equipment for cameras

### 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  
Easy Access steering column adjustable in 2 directions  
Removable writing board on steering wheel

## OPTIONS

- Ultimate leather steering wheel with cruise control and telephone control
- Easy Access steering column adjustable in 3 directions





- Radio pre-equipment including wiring, antenna and loudspeakers.

- ROADPAD system comprising:

FM and DAB+ radio

- USB port and jack socket

- dual Bluetooth connection

- ROADPAD+:

- HGV-specific TOM TOM navigation system

- FM and DAB+ radio

- USB port and jack socket

- dual Bluetooth connection

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

### Instrument panel:

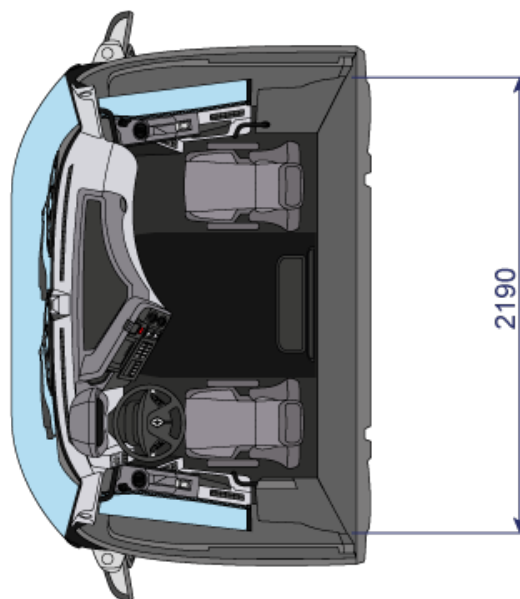
7" HD colour information display

12V socket on dashboard, for accessories.

Starting inhibitor controlled by transponder key.

Remote control central door locking with folding key

Cruise control and speed limiter configurable by rotary control



## OPTIONS

- Speedometer in miles
- 12 V + 24 V socket on dashboard, for accessories.
- Anti-theft alarm, cargo protection pre-equipment
- Central locking
- Radio pre-equipment including wiring, antenna and loudspeakers.

- ROADPAD system comprising:

FM and DAB+ radio

- USB port and jack socket

- dual Bluetooth connection

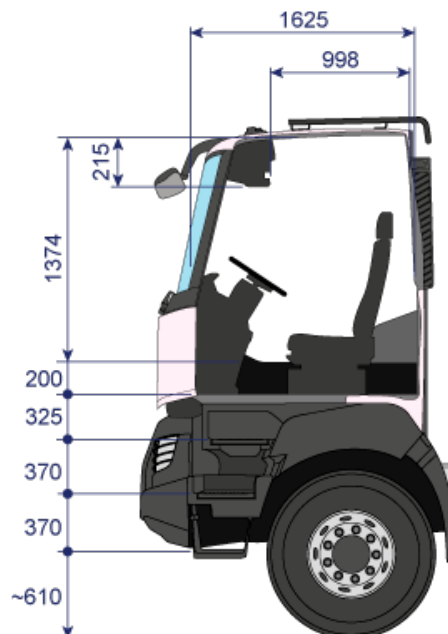
- ROADPAD+:

- HGV-specific TOM TOM navigation system

- FM and DAB+ radio

- USB port and jack socket

- dual Bluetooth connection



## ELECTRONIC EQUIPMENT:

English and French language display  
Additional language (Spanish)



SAE cab socket for vehicle data extraction  
Assistance button for geolocation via the 24/7 platform  
4G TGW telematics unit (telematic gateway) including an antenna and enabling subscription to Optifleet services (Map, Check, Drive)

## OPTIONS

- FMS Gateway fleet management interface 3.0

## ELECTRICAL EQUIPMENT

Battery capacity: 225 Ah  
Batteries with level check  
Battery cut-out remote control  
Electrical circuit automatically goes to standby  
Alternator : 110 amp capacity.

## OPTIONS

- Two 12 V, 210 Ah, 800 A gel batteries
- Maintenance-free batteries
- Battery charge indicator
- LED rear signalling and lighting (EEC standard e2 10113)
- Adaptation "installing a battery reconditioner"

## CHASSIS

Chassis protective paintwork, mineral grey colour  
technical code: 03650  
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)  
Twin cartridge air filtration for dusty environments  
Side exhaust.

## OPTIONS

- Chassis reinforcement from gearbox crossmember to rear of chassis
- Chassis reinforcement from rear of engine to rear end of chassis
- Without rear closing crossmember.
- Closing cross member with pre-drilling for towing yoke
- KONEXO BNA-type towing hook with air cylinder play compensation, DIN 150 drilling, value D = 200 kN
- Adaptation: "MG type 5 hook"
- Adaptation: "ROCKINGER 50 G 6 towing hitch"
- Twin cartridge air filtration for dusty environments, with cyclonic primary filtration
- One wheel chock with bracket mounted on chassis.
- Two wheel chocks with bracket.

- 1 foldaway wheel chock
- 2 foldaway wheel chocks
- "Heavy duty air filtration for dusty atmosphere" adaptation

## BUMPER - STEPS AND LIGHTING

3-part steel bumper with headlight grilles  
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  
Electrical headlamp levelling control.  
Running lights  
Provision for lighting rail on roof  
Black fog lamp trims  
Roof beacon pre-equipment

## OPTIONS

- Headlight protective plexiglass
- Reinforced cab access steps
- Cab rear access step and grab handle
- Lighting to EEC standards.
- Front fog lights.
- Additional cornering lights
- 2 LED technology orange lights (rotating type)

## SUSPENSION

### Front suspension

3-leaf reinforced front leaf springs  
Stabiliser bar

## OPTIONS

- Heavy duty stabiliser bar

### Rear suspension:

4-leaf parabolic rear springs  
Stabiliser bar  
Rear shock absorbers

## FUEL TANK

Main steel tank.  
Main fuel tank: 315 litres capacity D560 profile mounted on right  
Sedimenter and prefilter (R60). Bleed control on dashboard.

## FUEL TANK





- Main fuel tank: 255 litres capacity D560 profile mounted on right
- Main fuel tank: 380 litres capacity D560 profile mounted on right
- Main fuel tank: 405 litres capacity D710 profile mounted on right
- Main fuel tank: 415 litres capacity D560 profile mounted on right
- Main fuel tank: 450 litres capacity D710 profile mounted on right
- Main fuel tank: 570 litres capacity D710 profile mounted on right
- Main fuel tank: 285 litres capacity D710 profile mounted on right
- Main fuel tank: 630 litres capacity D560 profile mounted on right
- Main fuel tank: 330 litres capacity D710 profile mounted on right
- Main fuel tank: 365 litres capacity D710 profile mounted on right
- Main fuel tank: 350 litres capacity D560 profile mounted on right
- Main fuel tank: 445 litres capacity D560 profile mounted on right
- Main fuel tank: 490 litres capacity D710 profile mounted on right
- Main fuel tank: 505 litres capacity D560 profile mounted on right
- Main fuel tank: 510 litres capacity D710 profile mounted on right
- Main fuel tank: 350 litres capacity D560 profile mounted on left
- Main fuel tank: 365 litres capacity D710 profile mounted on left
- Main fuel tank: 490 litres capacity D710 profile mounted on left
- Main fuel tank: 510 litres capacity D710 profile mounted on left
- Heavy duty sedimenter and prefilter (R90).Bleed control on dashboard.
- Anti-siphoning device

## AdBlue

48-litre AdBlue tank (D560)  
Urea tank on the right

## OPTIONS

- 64-litre AdBlue tank (D710)

## STANDARD EQUIPMENT

Tool kit.  
Reversing warning buzzer, including night switch.

Windscreen washer bottle capacity: 8.8L

## OPTIONS

- Axle with zero-maintenance steering knuckles
- Front suspension and hub joints with grease nipples
- Tool box on LHS chassis
- Sharp angle protection.
- "Heavy duty air filtration for dusty atmosphere" adaptation

## BODYWORK

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

## OPTIONS

- Pre-equipment plates on chassis for fitting cranes with a capacity of up to 20 tm without spaces on after-treatment system for crane stabilisers
- Pre-equipment plates on chassis for fitting cranes with a capacity of up to 40 T/M
- Space available for crane installation
- Flexible bodywork attachment with springs
- Body mounting brackets front and rear
- Body mounting brackets at the front and fastening plates at the rear
- Side members with bodywork bracket fastening holes
- Bodybuilder connection interface
- Bodybuilder electrical interface on chassis
- Electrical provision for crane

## 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

## OPTIONS

- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 1-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 2-year prepaid subscription



- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 3-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 4-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 5-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 6-month prepaid 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
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 1-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 2-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 3-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 4-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 5-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 6-month prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription
- Pre-equipment for monthly Optifleet Map+: high frequency vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription

- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription

## PACKS

- Pack "Fuel Eco" comprising:  
Gearshifting strategy optimised for FUEL ECO  
ECO Cruise control with Optiroll  
Disengageable air compressor  
Hydraulic power steering, variable flow pump  
Automatic engine cut-off (5 min)  
Power mode inhibited after passing the 'hard spot' of the accelerator pedal
- Pack "Fuel eco+" comprising:  
Optivision Map Based gear shift strategy for FUEL ECO (anticipation of topography and centralised data storage).  
ECO Cruise control with Optiroll  
Disengageable air compressor  
Hydraulic power steering, variable flow pump  
Automatic engine cut-off (5 min)  
Power mode inhibited after passing the 'hard spot' of the accelerator pedal
- Pack "Comfort driver seat RHD" comprising:  
Air-suspended driver's seat with integral seat belt, adjustable lumbar support, adjustable seat cushion extension, heated seat (3 positions)  
Passenger armrest  
Two driver's armrests  
Cloth seat trim.  
Air-suspended passenger seat with seatbelt.
- Pack "Comfort drive" comprising:  
Ultimate leather steering wheel  
Electric interior sun blind on windscreen, manual blinds on driver and passenger side windows  
Easy Access steering column adjustable in 3 directions  
Electronically regulated comfort air conditioning with compressor optimisation  
4-point cab air suspension with ride-height control system  
One-touch electric windows
- Pack "Protect" comprising:  
Stop lights emergency lighting  
Additional cornering lights  
Front fog lights.  
Automatic windscreen wiping with rain sensor and automatic illumination of lights  
ISO\_11992 compatible tyre pressure monitoring system

## 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

## PERFORMANCE

Gearbox ratio	Axle ratio	Code	Final ratio	Engine rpm at max torque	Speed	Gradient in % (2)	Engine speed at 90 km/h	Governed speed in km/h (1)
1	DRIVE AXLE RATIO 3.46	1CJ73	3.460	950	3.62	49.57		
	DRIVE AXLE RATIO 3.61	1CJ64	3.610	950	3.47	52.30		
	DRIVE AXLE RATIO 3.76	1CJ63	3.760	950	3.33	55.12		
	DRIVE AXLE RATIO 4.12	1CJ18	4.120	950	3.04	62.34		
	DRIVE AXLE RATIO 4.55	1CJ40	4.550	950	2.75	72.01		
	DRIVE AXLE RATIO 5.41	1CJ79	5.410	950	2.31	96.66		
12	DRIVE AXLE RATIO 3.46	1CJ73	3.460				1581.35	108
	DRIVE AXLE RATIO 3.61	1CJ64	3.610				1649.91	104
	DRIVE AXLE RATIO 3.76	1CJ63	3.760				1718.46	100
	DRIVE AXLE RATIO 4.12	1CJ18	4.120				1883.00	91
	DRIVE AXLE RATIO 4.55	1CJ40	4.550				2079.52	82
	DRIVE AXLE RATIO 5.41	1CJ79	5.410				2472.58	69

(1) Speed limited electronically (except VI < or = 12t, where special regulations apply)

(2) Slope calculated in %, varies according to ground adhesion

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