

Model code : UKM\_30CR016TRI01  
Print date: 09/06/2022  
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Prepared for :

## C P8X4\*4 TRIDEM 11L E6 PTRUCK - GVW 19T / GTW 40 T

### RENAULT TRUCKS

#### C 430



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)

#### DTI 11 ENGINE

Max. power output: 316 kW between 1700 and 1900 rpm

Max. torque: 2050 Nm from 1000 rpm to 1400 rpm

Power output (UK): 424 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

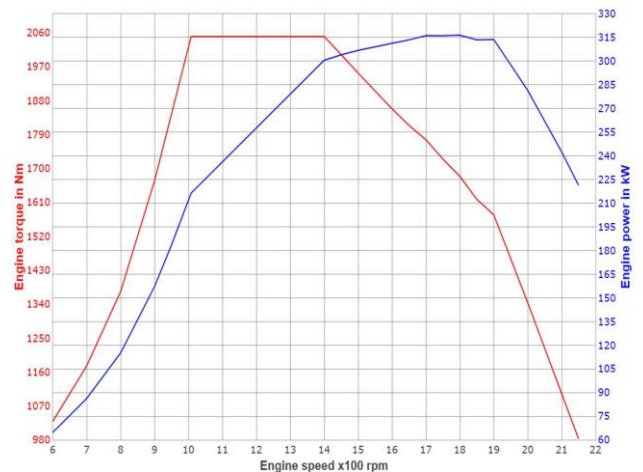
Direction of rotation (seen from G/B end): anti-clockwise

EEC EURO VI pollution control level

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

Cooling liquid

Automatic regeneration of particulate filter



#### ENGINE EQUIPMENT

Fast idling control whilst moving

Power mode inhibited after passing the 'hard spot' of the accelerator pedal  
Complete gas recycling (closed circuit)  
Without engine Power Take Off.  
Electronic speed limiter (90 km/h).



## CLUTCH

Single-plate clutch, diameter 430 mm

## GEARBOX

Optidriver AT 2412F gearbox (14.94 - 1) with automatic clutch. Aluminium housing.

Max. torque 2400 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

## RETARDER

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

## POWER TAKE-OFF

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.*

Hydraulic power steering, variable flow pump

Steering ratio 26.2:1 - Steering wheel diameter 460 mm

*Integral hydraulic power assisted steering (2 independant circuits and 2 pumps).*

Driving on the left

Axle with zero-maintenance steering knuckles

*Load capacity (technical max.) Front axle: 7.5 t.*

*Load transfer to drive axle (10.5 t + 30% if speed below 30 km/h)*

## WHEELS AND TYRES

Dimension 315/80 R22.5

Profile B. M840 EVO / L355 EVO

Steel disc wheels

Steel front wheel trims

Without spare wheel.

## REAR AXLES

PMR 2191 drive axle with double reduction

Integral differential lock

Rear load equally distributed

*Drive axle ratio: 3.08*

Engine speed at 90 km/h: 1408 rpm

## Service brake:

Twin-cylinder air compressor 900 l/min, 636 cm<sup>3</sup>

Braking system with two independent circuits.

Ventilated disc brakes.

Electronic management of air production by EACU (Electronic Air Control Unit):

Dryer cartridge optimised by preventive maintenance.

Without rear trailer coupling.

Low-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

## Brake adjustment:

Automatic brake lining slack compensation.

## Emergency brake:

Ensured by independence of main device circuits

## CAB

### Cab exterior:

Night & 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

Aerodynamic dirt deflectors on the headlamps

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.

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.

Without rear window.

### Cab interior:

*Performance finish*



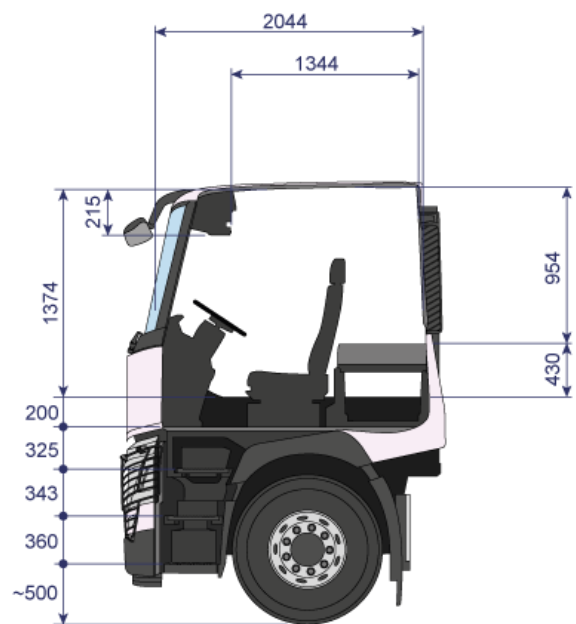
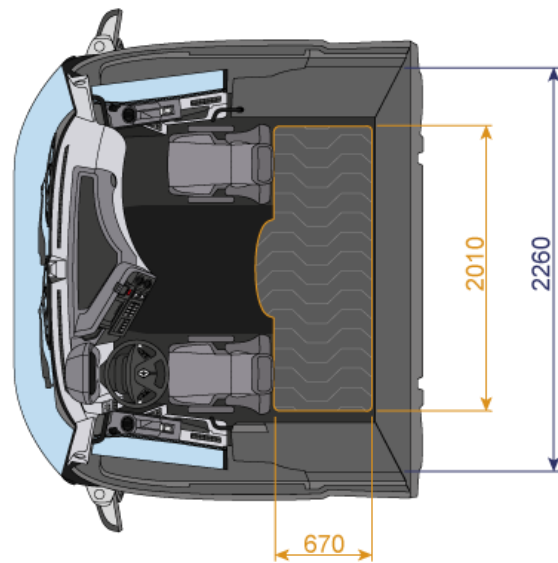
Quality roof console, 1 storage compartment with key lock, 1 storage space with net and 4 ISO modules  
Interior sun blind on windscreen  
DTCO 3.0 digital chronotachograph  
Offset 24 V socket  
Manual roof vent  
Mosquito net on air vent  
Rubber insulating floor mats  
Air-suspended driver's seat with fitted seat belt  
Driver's armrest  
Non-suspended fixed passenger seat  
Cloth seat trim.  
Performance lower bunk  
Central storage under bunk  
Reading lamps on overhead ledge  
Direct cab lighting  
Cab lighting time-delay.  
Curtains around cab.  
Bunk area lighting  
Bunk area remote control  
2 storage boxes under bunk, one accessible from interior and exterior  
Two coat hooks on rear panel and one on passenger side  
Electrically operated door windows  
Electronic air conditioning.  
Cab air filtration, washable filter  
Handbook and Service pack in English.  
2 loudspeakers.

**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  
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  
Speedometer in miles  
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



**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)

**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.  
Rear signalling lighting.

## CHASSIS

Chassis protective paintwork, mineral grey colour  
technical code: 03650  
Chassis reinforcement from gearbox crossmember to rear of  
drive axle  
Standard rear overhang, pre-drilled for bodybuilder  
Removable front towing cap.  
Front under-run protection.  
Without rear under-run bar .  
Transmission crossmember Medium  
*Closing cross member with pre-drilling for towing yoke*  
Twin cartridge air filtration for dusty environments  
*Rear wings with mudflaps*  
Wings fitted in standard position.  
Side exhaust.

## BUMPER - STEPS AND LIGHTING

*3-section plastic bumper with metal corners and headlamp  
grilles*  
Retractable windscreen access step in radiator grille  
Access to driving position by 3 steps  
Step lighting.  
Electrical headlamp levelling control.  
*Running lights*  
Provision for lighting rail on front end  
Black fog lamp trims  
*Halogen headlights*  
Roof beacon pre-equipment

## SUSPENSION

### Front suspension

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

2-leaf front leaf springs  
Stabiliser bar

### Rear suspension:

Stabiliser bar  
Suspension remote control (2 channels).  
Rear shock absorbers

## FUEL TANK

Main steel tank.  
Main fuel tank: 415 litres capacity D560 profile mounted on  
right  
Sedimenter and prefilter (R60). Bleed control on dashboard.

## AdBlue

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

## STANDARD EQUIPMENT

Tool kit.  
Reversing warning buzzer, including night switch.  
Windscreen washer bottle capacity: 12L

## BODYWORK

Body mounting brackets front and rear  
Orange LED side marker lights with reflector  
Bodybuilder connection interface

## SERVICE

### Optifleet:

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

## GEARBOX RATIOS

