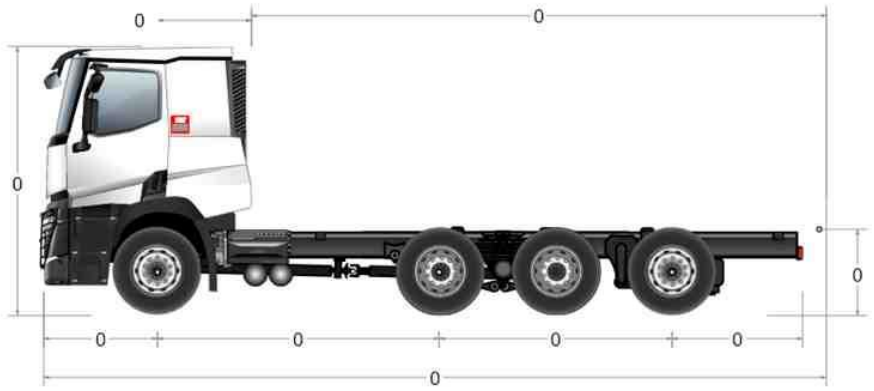
Model code : UKM_30CR016TRI01
Print date: 14/01/2023
Last updated: 14/01/2023

Prepared for :

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

RENAULT TRUCKS

C 430

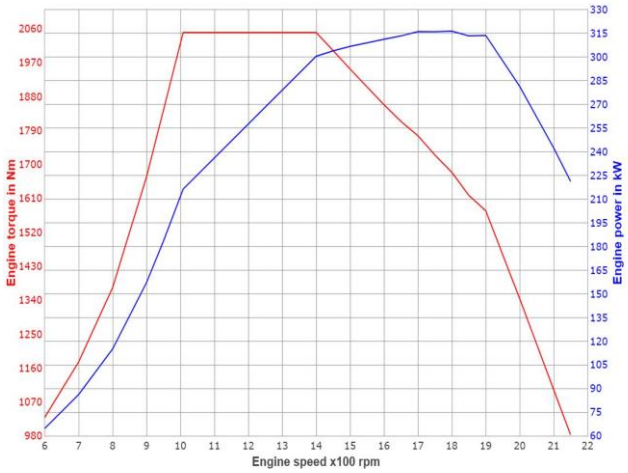




This table includes the weights of the RENAULT TRUCKS options: full urea tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (75 kg)

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

AXLES

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^3
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

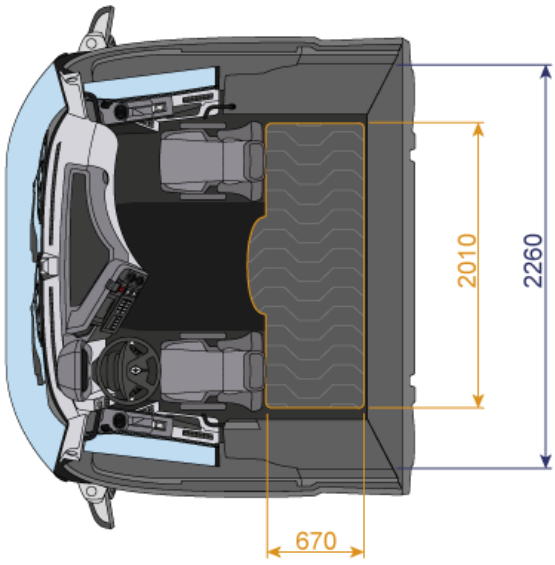
Quality roof console, 1 storage compartment with key lock, 1 storage space with net and 4 ISO modules
Interior sun blind on windscreen
DTCO 3.0 digital chronotachograph
Offset 24 V socket
Manual roof vent
Mosquito net on air vent
Rubber insulating floor mats
Air-suspended driver's seat with fitted seat 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.

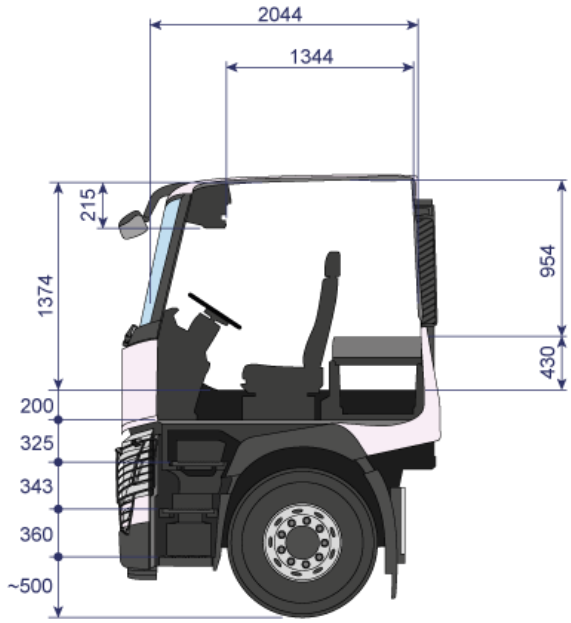
Steering wheel equipment:

"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

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

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.