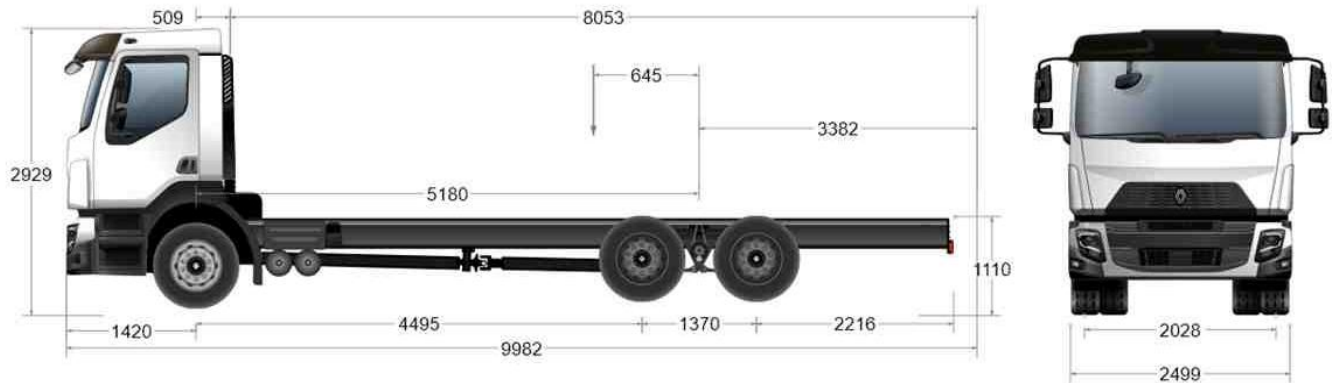


RENAULT TRUCKS C280 6X4 R E6 - GVW 29T

WEIGHTS

Wheelbase		mm	4.500
Maximum Weight (registered)	Total (GVW)	Kg	29000
Payload	(C)	Kg	20645
Kerb Weight	total	Kg	8355
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	4367
	Rear axles (Liftable axle down)	Kg	3988
Maximum Weight (registered)	Front axle 1	Kg	8000
	rear axle 1	Kg	10500
	rear axle 2	Kg	10500
	total axle(s)	Kg	29000

LENGTHS

Wheelbase		mm	4.500
Body length	Min. (Wmin / BEP L105)	mm	7209
	Max. (Wmax / BEP L105)	mm	8053
Front Overhang	(H / BEP L016)	mm	1420
Cab entry	(B / BEP L102)	mm	509
Wheelbase	(F / BEP L011)	mm	4495
Technical wheelbase	(F' / BEP L015)	mm	5180
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1370
Rear overhang	Chassis, overall (BEP L017)	mm	2216
Overall Chassis Length	(A / BEP L001)	mm	9360
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	645
	Max. (Ymax / BEP L103)	mm	1067
Min Overall Length (Z)	(Zmin / BEP L001)	mm	9138
Max Overall Length (Z)	(Zmax / BEP L001)	mm	9982
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2538
	Max. (Xmax / BEP L017)	mm	3382

HEIGHTS

Wheelbase		mm	4.500
Cab height (unladen)	(O)	mm	2929
Max. exterior height unladen	(BEP H001)	mm	2953
Side member height	(BEP H032)	mm	300
Ground clearance, laden	Front (U1 / BEP H015)	mm	290
	Rear (U3 / BEP H016)	mm	257
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1072
	Laden (H1 / BEP H036)	mm	1000
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1110
	Laden (H2 / BEP H038)	mm	1054
Frame top height at the rear of the frame	Unladen (HN)	mm	1139
	Laden (HN)	mm	1096

WIDTHS

Wheelbase		mm	4.500
Max. cab width	(BEP W002)	mm	2500
Frame width	Front (BEP W035)	mm	1082
	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	2028
	Rear 1 (V2 / BEP W013.2)	mm	1837
	Rear 2 (V4 / BEP W013.2)	mm	1837

OTHER

Wheelbase		mm	4.500
Side member thickness	(BEP W034)	mm	13
Turning Radius	kerb to kerb	mm	9006
	Overall (BEP W012)	mm	9750

DTI 8 ENGINE

Antifreeze protection: -25°C.

Max. power: 280 hp - 206 kW at 2100 rpm

Max. torque: 1050 Nm from 950 rpm to 1600 rpm

6-cylinder in-line diesel engine - 4 valves per cylinder - Rear-mounted timing

COMMON RAIL high-pressure direct fuel-injection 2000 bar

Bore 110 mm - stroke 135 mm - Capacity 7.7 litres

Variable geometry turbocharger

Exhaust gas recirculation

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

Oil capacity: 27 L including filtration

Standard engine oil change interval

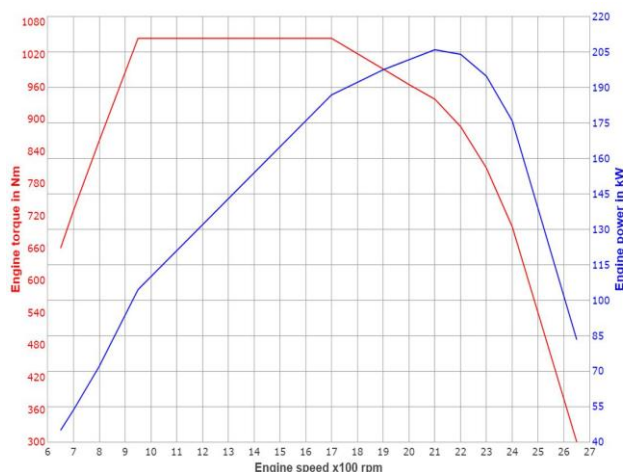
Sheet metal oil sump

Cooling circuit capacity: 17 litres

EEC EURO VI pollution control level

Compact post-treatment system (7th injector, catalytic converter, DPF, SCR)

Cooling liquid



ENGINE EQUIPMENT

Fast idling control whilst moving (muddy site)
With Kick-Down. Passing a hard point at the end of the accelerator pedal stroke causes the gears to shift down automatically
Partial gas recycling (semi-closed circuit)
Without engine Power Take Off.
Electronic speed limiter (90 km/h).
Customer speed reduction to 80 km/h

CLUTCH

Single-plate clutch, diameter 430 mm

GEARBOX

Optidriver AT 2412 gearbox (14.94 - 1) with automatic clutch.
Aluminium housing.
Max. torque 2400 Nm, 12 forward gears and 3 reverse gears.
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector,
Gearshifting strategy optimised for CONSTRUCTION

RETARDER

Exhaust-mounted retarder (120 kW at 2800 rpm)

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

Hydraulic steering box with variable step-down power assistance.
Driving on the right

FRONT AXLE

Front load capacity (technical max.): 8 t

BRAKING

Service brake:

Braking system with two independent circuits
All-disc brakes
Twin-cylinder air compressor 1080 l/min, 720 cm³
Electronic management of air production by APM (Air Product Management)
Dryer cartridge optimised by preventive maintenance
Twin-cylinder air compressor 1080 l/min, 720 cm³
Air tank mounting rubber fittings
Without rear trailer coupling.

EBS:

Anti-lock braking system (ABS).
Anti-slip regulation (ASR).
Drag torque control (Torque control during downshifting).
(Disc) brake pad wear compensation
Retarder and service brake linking
Differential engagement management (if equipped) at speeds <10 km/h (4x2)
Hill Start Assist
Braking performance warning
ESC (Electronic Stability Control) trajectory control and anti-rollover system
Coupling traction test
Emergency brake assist (EBA)

Parking brake:

Air operated spring brake actuators on rear wheels
Hand brake valve.

SAFETY

WHEELS AND TYRES

Dimension 315/80 R22.5
Profile B. M840 EVO / L355 EVO
Steel disc wheels
Steel front wheel trims
Spare wheel and tyre supplied loose.

REAR AXLES

PMR 23150 single reduction
Integral differential lock
Rear loading capacity (technical max.): 21 t
Rear load equally distributed
Drive axle ratio: 3.78
Engine speed at 90 km/h: 1728 rpm

CAB

Cab exterior:

Day cab
All steel Cab, electro-zinc plated and cataphoretic paint treatment.
Cab paint colour: White ekla
technical code: 09350
Adaptation: rubber floor mats
Rubber floor mats on driver and passenger sides, left-hand drive compatible
Red badge
Anti-spray deflectors
Four point mechanical cab suspension.
Hydraulic cab tilt.
2 heated, remote control rear view mirrors.
Rear view mirrors for bodywork up to 2.55 m wide
Fold-back front view mirror
Air horn
Roof-level air intake.
Air filter clogging indicator
Spray suppression on front wings
LED headlights and LED step lights
External sun visor
Tinted, laminated windscreen.
Tinted rear cab window

Cab interior:

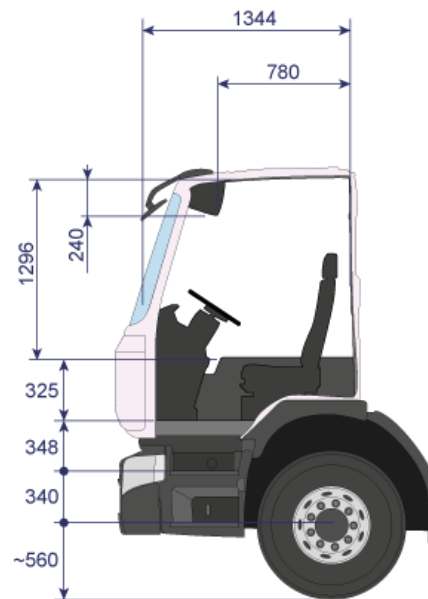
Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers
Three sun blinds on windscreen
Digital camera not supplied, no digital connections available
Without tachograph
No roof air vent
Air-suspended driver's seat with fitted seat belt.
Driver's armrest
Red seat belts
Safety belt warning.
Non-suspended fixed passenger seat
3rd centre seat with 2-point seat belt
Blower socket on central console
Normal engine tunnel.
Cab lighting time-delay.
2 Coat hooks on rear panel
First-aid box (Arab countries)
Electrically operated door windows
Air conditioning
Log-book in Arabic
Engine hourmeter.
2 kg fire extinguisher in cab, accessible from inside and outside the cab

Steering wheel equipment:

4-spoke steering wheel adjustable for height and depth, includes cruise control controls
OPTIDRIVER control
Analog radio with audio playback and streaming via Bluetooth 4.0
with hands-free function and steering wheel-mounted controls

Instrument panel:

Central tablet support with 2 USB-C ports
12 V + 24 V socket on dashboard, for accessories.
Starting inhibitor controlled by transponder key.
Remote control central door locking.
Ready to fit alcohol ignition interlock device
Ready to fit alcohol ignition interlock device
3rd ignition key
Speed limiter adjustable via steering wheel control (ASL)
Cruise Control with steering wheel-mounted controls
With Kick-Down. Passing a hard point at the end of the accelerator pedal stroke causes the gears to shift down automatically
Power mode



ELECTRONIC EQUIPMENT:

English and French language display
Additional language (Arabic)
SAE cab socket for vehicle data extraction
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

ELECTRICAL EQUIPMENT

Battery capacity: 185 Ah
Maintenance-free batteries
Battery isolation switch
Alternator : 110 amp capacity.
LED rear signalling and lighting (EEC standard e2 10113)

CHASSIS

Chassis protective paintwork, mineral grey colour
technical code: 03650
Chassis reinforcement at rear drive axle
Standard rear overhang, pre-drilled for bodybuilder
Removable front towing cap.
Front under-run protection.
Rear under-run bar
Closing cross member with pre-drilling for towing yoke
Engine air filter with easily removable cartridges.
Lateral exhaust on left side.

BUMPER - STEPS AND LIGHTING

3-part plastic bumper with metal corners
Non-slip windscreen access steps
Access to driving position by 2 stepwell steps.
Step lighting.
Lighting adjustment
LED day running lights
Roof beacon pre-equipment

SUSPENSION

Front suspension

Front parabolic leaf springs.
Front anti-roll bar.

Rear suspension:

3-leaf parabolic rear springs
Rear stabiliser bar.

FUEL TANK

Main steel tank.
Main fuel tank: 315 litres capacity D560 profile mounted on right

AdBlue

32-litre AdBlue tank inside the chassis.

STANDARD EQUIPMENT

Tyre pressure gauge
Tyre inflation extension piece
Hydraulic jack 10t
Warning triangle.
Reversing warning buzzer, including night switch.
Windscreen washer bottle capacity: 12L

BODYWORK

11 pairs of rigid kit (bolts) + 3 pairs of flexible kit (spacers)
Body mounting brackets front and rear
Bodybuilder access through bulkhead
Orange LED side marker lights with reflector
Bodybuilder BBM electronic box interface bodybuilder expert functions via CAN bus).

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