

Model code : UKM_20DM086STD02
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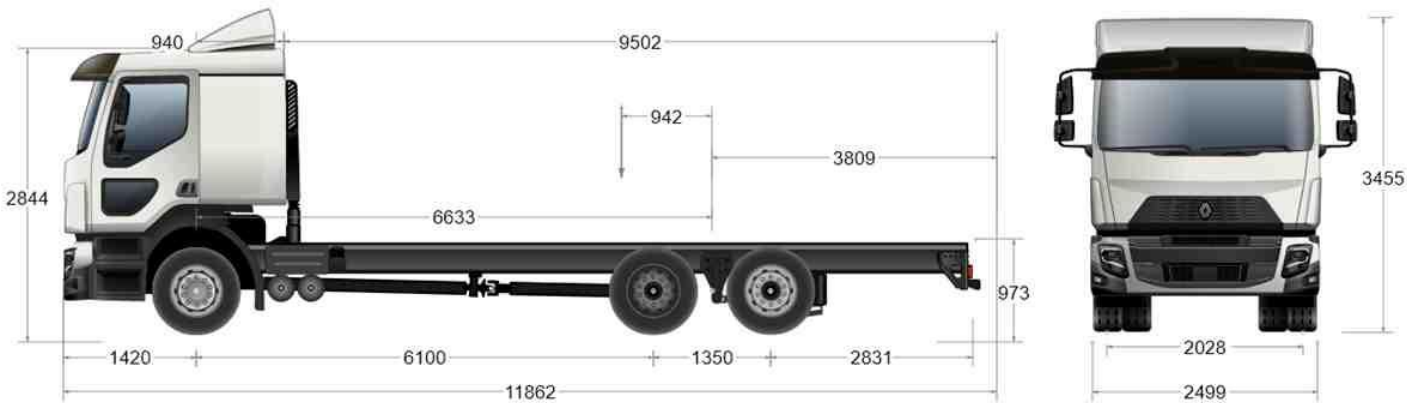
Prepared for :

RENAULT TRUCKS D 26 WIDE 6X2 R 320 E6 - GVW 26T / GCW 29.5 T (D)

D 26

WIDE

Body Type:
VAN + TAILGATE



WEIGHTS

Wheelbase		mm	6.100
Payload	(C)	Kg	18327
Maximum Weight (registered)	Total (GVW)	Kg	26000
	Front axle(s)	Kg	8000
	Front axle 1	Kg	8000
	Rear axle(s)	Kg	19000
	rear axle 1	Kg	11500
	rear axle 2	Kg	7500
Kerb Weight	total	Kg	7673
Chassis cab kerb weight	Front Axle 1	Kg	4398
	Rear Axle 1	Kg	1982
	Rear Axle 2	Kg	1293
	Front axles (Liftable axle down)	Kg	4398
	Rear axles (Liftable axle down)	Kg	3275
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	8000
	Rear axle(s)	Kg	18000



Total vehicle weight under full load at YMIN	Front axle(s)	Kg	7000
	Rear axle(s)	Kg	19000

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 front axle load(s) must be respected: 3500 kg

LENGTHS

Wheelbase		mm	6.100
Front Overhang	(H / BEP L016)	mm	1420
Wheelbase	(F / BEP L011)	mm	6100
Technical wheelbase	(F' / BEP L015)	mm	6633
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1350
Rear overhang	Chassis, overall (BEP L017)	mm	2831
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	3086
	Max. (Xmax / BEP L017)	mm	3809
Rear overhang	from end of technical wheelbase (N')	mm	3366
Cab entry	(B / BEP L102)	mm	940
Body length	Min. (Wmin / BEP L105)	mm	8779
	Max. (Wmax / BEP L105)	mm	9502
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	1304
	Min. (Ymin / BEP L104)	mm	942
Centre of Gravity of vehicle	at X (BEP L044)	mm	2859
Overall Chassis Length	(A / BEP L001)	mm	11701

HEIGHTS

Wheelbase		mm	6.100
Ground clearance, laden	Rear (U3 / BEP H016)	mm	213
	Front (U1 / BEP H015)	mm	198
Max. exterior height unladen	(BEP H001)	mm	3455
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	3713
Cab height (unladen)	(O)	mm	2844
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	307
	Laden (H0 / BEP H18)	mm	212
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	987
	Laden (H1 / BEP H036)	mm	907
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	973
	Laden (H2 / BEP H038)	mm	952
Frame top height at the rear of the frame	Unladen (HN)	mm	963
	Laden (HN)	mm	981
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	762
Side member height	(BEP H032)	mm	300

TOWING DEVICE

Wheelbase		mm	6.100
Distance between the front of the vehicle and the centre of the trailer coupling device	(BEP L045 + L016)	mm	
Distance between centre of last axle to centre of coupling device		mm	
Height of towing hook / top of side member	(BEP H045)	mm	

WIDTHS

Wheelbase		mm	6.100
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2998

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
Track	Rear 1 (V2 / BEP W013.2)	mm	1837
	Front (V1 / BEP W013.1)	mm	2028

OTHER

Wheelbase		mm	6.100
Approach angle	(BEP H010)	°	11
Ramp angle	(BEP H012)	°	13.0
Departure angle	(BEP H011)	°	8.3
Side member thickness	(BEP W034)	mm	13
Turning Radius	Overall (BEP W012)	mm	12250
	kerb to kerb	mm	11556
	interior	mm	6810

DTI 8 ENGINE

Antifreeze protection: -25°C.

Max. power: 235 kW at 2100 rpm

Max. torque: 1200 Nm from 1050 rpm to 1600 rpm

Power output (UK): 315 hp

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

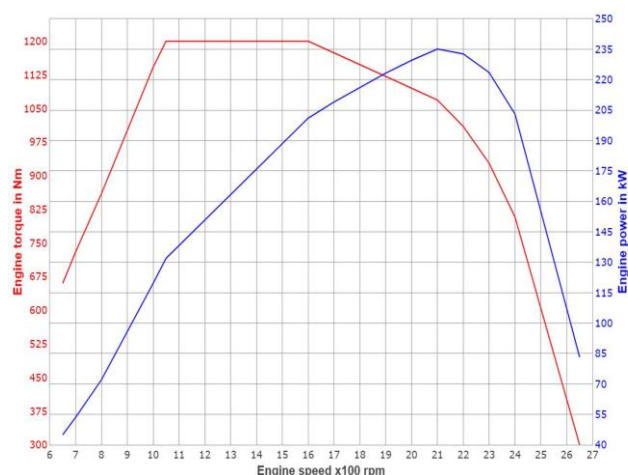
Cooling circuit capacity: 17 litres

EEC EURO VI pollution control level

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

Cooling liquid

Noise standard R51.03



ENGINE EQUIPMENT

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).

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 FUEL ECO

RETARDER

Exhaust-mounted retarder (120 kW at 2800 rpm)

POWER TAKE-OFF

Without gearbox mounted PTO

STEERING

Hydraulic steering box with variable step-down power assistance.

Right hand drive.

Driving on the left

FRONT AXLE

Front load capacity (technical max.): 8 t

REAR AXLE

Liftable rear axle with single wheel fitment featuring air suspension
Load transfer to drive axle (11.5 t + 30% if speed below 30 km/h)
Position of rear auxiliary axle: behind the drive axle

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 315/70 R22.5
Goodyear FUELMAX ENDURANCE S / D
Steel disc wheels
ISO_11992 compatible tyre pressure monitoring system
Front wheel trims
Without spare wheel.

REAR DRIVE AXLE

P13170-E single reduction final drive axle
Without differential lock.

Rear loading capacity (technical max.): 19 t
Rear load 11.5t - 7.5t
Drive axle ratio: 3.08
Engine speed at 90 km/h: 1494 rpm

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
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
Adjustable roof deflector
Exterior parts finished in black
External sun visor
Tinted, laminated windscreen.
Without rear window.
Passenger side vision door with lower tinted window

Cab interior:

Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers
Three sun blinds on windscreen
With digital camera.
DTCO 4.1 digital tachograph
Manual roof vent
Air-suspended driver's seat with fitted seat belt.
Driver's armrest
Red seat belts
Safety belt warning.
Adjustable passenger seat
Lower bunk
Blower socket on central console
Raised engine tunnel.
Cab lighting time-delay.
Curtains around cab.
side sliding sun blind on driver's side
2 Coat hooks on rear panel
Electrically operated door windows
2kW stand-alone cab heater (air/air). Air distribution via three vents (behind the left seat, behind the right seat and above the bunk)
Air conditioning
Handbook and Service pack in English.

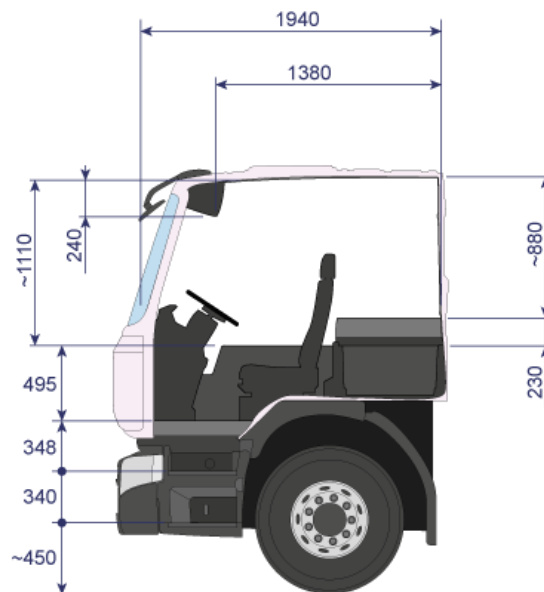
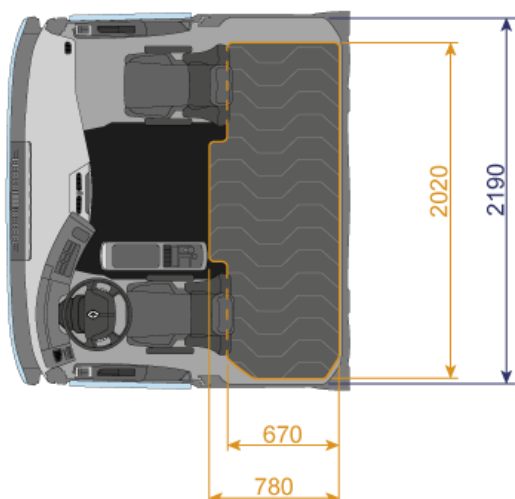
Steering wheel equipment:

4-spoke steering wheel
OPTIDRIVER control
Analog and digital DAB/DAB+ radio

Bluetooth 4.0 for audio playback streaming with hands-free function and steering wheel-mounted controls
USB port underneath radio

Instrument panel:

Central tablet support with 2 USB-C ports
Speedometer in miles
12V 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
Speed limiter adjustable via steering wheel control (ASL)
Intelligent speed assistance. Intelligent Speed Assist: speed limit sign recognition, in-cab display and overtaking warning. 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 (German)
SAE cab socket for vehicle data extraction
Assistance button for geolocation via the 24/7 platform
4G TGV3 telematics unit (telematic gateway) including an antenna and enabling subscription to Optifleet services (Map, Check, Drive) - Auto activation.
TELENOR SIM card
Driver Alert System (DAS) and Lane Departure Warning System (LDWS)
Side radar for covering both sides of the truck
Forward Collision Warning System with Advanced Emergency Braking System (AEBS) and Adaptive Cruise Control (ACC)

ELECTRICAL EQUIPMENT

Battery capacity: 185 Ah
Batteries with level check
Battery isolation switch
Alternator : 110 amp capacity.
Alternator : 180 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
Side exhaust.

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

SUSPENSION

Front suspension

Front parabolic leaf springs.
Front anti-roll bar.

Rear suspension:

Air suspension
Suspension remote control (2 channels).

FUEL TANK

Main steel tank.

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

Main fuel tank: 255 litres capacity D560 profile mounted on right

AdBlue

32-litre AdBlue tank inside the chassis.

STANDARD EQUIPMENT

Reversing warning buzzer, including night switch.

Windscreen washer bottle capacity: 12L

BODYWORK

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).
Bodybuilder suspensions control:
Inhibition of suspension height regulation, platform kneeling, height regulation