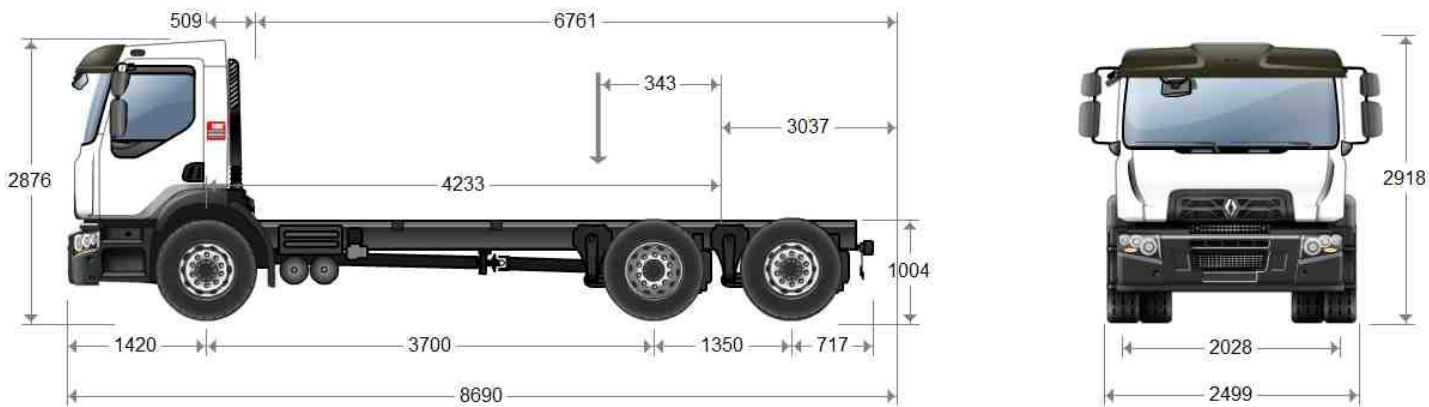


Model code : POT_20DM086REF02
Print date: 15/02/2022
Last updated: 15/02/2022

Prepared for :

D 26 WIDE 6X2 R REFUSE COLL. 320 E6 - GVW 26T / GTW 26 T

RENAULT TRUCKS WIDE



WEIGHTS

Wheelbase		mm	3.700
Payload	(C)	Kg	18790
Maximum Weight (registered)	Total (GVW)	Kg	26000
	Front axle(s)	Kg	8000
	Front axle 1	Kg	8000.00
	Rear axle(s)	Kg	19000
	rear axle 1	Kg	11500
	rear axle 2	Kg	7500
Min. weight complete vehicle unladen	Front axle(s)	Kg	6702.00
Kerb Weight	total	Kg	7210
Chassis cab kerb weight	Front Axle 1	Kg	4289.00
	Rear Axle 1	Kg	1768.00
	Rear Axle 2	Kg	1153.00
	Front axles (Liftable axle down)	Kg	4289
	Rear axles (Liftable axle down)	Kg	2921
Total vehicle weight under full load at YMAX	Front axle(s)	Kg	8000.00
	Rear axle(s)	Kg	18000.00
Total vehicle weight under full load at YMIN	Front axle(s)	Kg	5813.00
	Rear axle(s)	Kg	20187.00

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)



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	3.700
Front Overhang	(H / BEP L016)	mm	1420
Wheelbase	(F / BEP L011)	mm	3700
Technical wheelbase	(F' / BEP L015)	mm	4233
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1350.00
Rear overhang	Chassis	mm	717
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2052
	Max. (Xmax / BEP L017)	mm	3037
Rear overhang	from end of technical wheelbase (N')	mm	1380.00
Cab entry	(B / BEP L102)	mm	509
Body length	Min. (Wmin / BEP L105)	mm	5776
	Max. (Wmax / BEP L105)	mm	6761
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	836
	Min. (Ymin / BEP L104)	mm	343
Centre of Gravity of vehicle	at X (BEP L044)	mm	1733.00
Overall Chassis Length	(A / BEP L001)	mm	7187

HEIGHTS

Wheelbase		mm	3.700
Ground clearance, laden	Rear (U3 / BEP H016)	mm	246
	Front (U1 / BEP H015)	mm	226
Max. exterior height unladen	(BEP H001)	mm	2918
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	3338.00
Cab height (unladen)	(O)	mm	2876
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	340.00
	Laden (H0 / BEP H18)	mm	234.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	1019.00
	Laden (H1 / BEP H036)	mm	935.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1004
	Laden (H2 / BEP H038)	mm	981
Frame top height at the rear of the frame	Unladen (HN)	mm	995.00
	Laden (HN)	mm	1005.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	793.00
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	3.700
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	3.700
Max exterior cab width with rear view mirrors open	(BEP W001)	mm	2995.00
Max. cab width	(BEP W002)	mm	2500
Frame width	Front (BEP W035)	mm	1080
	Rear (BEP W036)	mm	850
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	3.700
Approach angle	(BEP H010)	°	12
Ramp angle	(BEP H012)	°	22.30
Departure angle	(BEP H011)	°	62.80
Side member thickness	(BEP W034)	mm	12.00
Turning Radius	Overall (BEP W012)	mm	7600.00
	kerb to kerb	mm	6906.00
	interior	mm	2679.00

DTI 8 ENGINE

Antifreeze protection: -40°C.

Max. power: 235 kW at 2100 rpm

Max. torque: 1200 Nm from 1050 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

Sheet metal oil sump

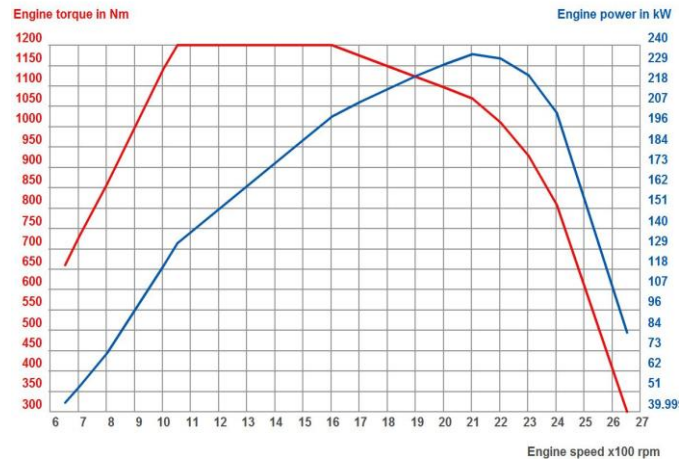
Cooling circuit capacity: 17 litres

EEC EURO VI pollution control level

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

Cooling liquid

With immersion heater on engine (220V / 820W).



ENGINE EQUIPMENT

Fast idling control whilst moving

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)

Intake air preheating cold starting device

Engine rear PTO:

Splined hollow shaft output (DIN 5462). Continuous drive

Rotation: as engine

Max. torque: 600 Nm

Ratio: 1/1

Position 12 o'clock

Electronic speed limiter (90 km/h).

Max. torque 2400 Nm, 12 forwards gears and 3 reverse gears.

Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector.

Automatic return to neutral

Gearshifting strategy optimised for DISTRIBUTION

Gearbox oil cooler, oil/water heat exchanger

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.

Driving on the right

FRONT AXLE

CLUTCH

Single-plate clutch, diameter 430 mm

GEARBOX

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



Front load capacity (technical max.): 8 t

REAR AXLE

3rd steered rear fixed axle, single wheel fitment
Load transfer to drive axle (11.5 t + 30% if speed below 30 km/h)
Position of rear auxiliary axle: behind the drive axle

WHEELS AND TYRES

Dimension 315/80 R22.5
Profile G. KMAX-2 S/D
Steel disc wheels
Front wheel trims
Spare wheel and tyre supplied loose.

REAR DRIVE AXLE

P1361 drive axle with double hub reduction
Integral differential lock
Rear loading capacity (technical max.): 19 t
Rear load 11.5t - 7.5t
Drive axle ratio: 4.67
Engine speed at 90 km/h: 0 rpm

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.

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits

CAB

Cab exterior:

Day cab
All steel Cab, electro-zinc plated and cathophoretic 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
External sun visor
Tinted, laminated windscreen.
Without rear window.
Passenger side vision door with lower tinted window
Light mounting bar on roof.

Cab interior:

Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers
Three sun blinds on windscreen
Predisposition for 24 volts socket
DTCO 4.0 digital chronotachograph
Manual roof vent
Air-suspended driver's seat with fitted seat belt.
Red seat belts
Adjustable passenger seat
3rd centre seat with 2-point seat belt
Blower socket on central console
Normal engine tunnel.
Cab lighting time-delay.
side sliding sun blind on driver's side
2 Coat hooks on rear panel
Electrically operated door windows
Air conditioning
Handbook and Service pack in Polish.
Second holder for smartphone

Steering wheel equipment:

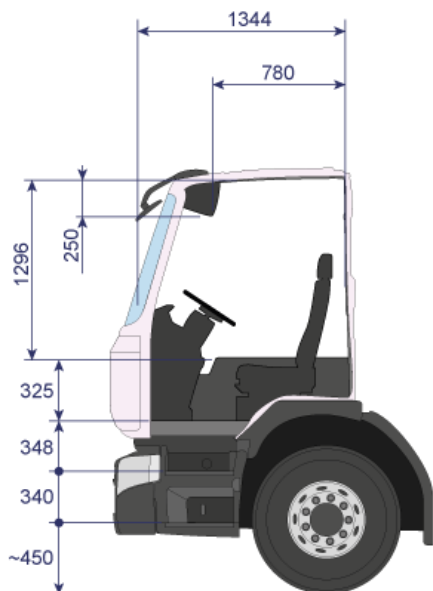
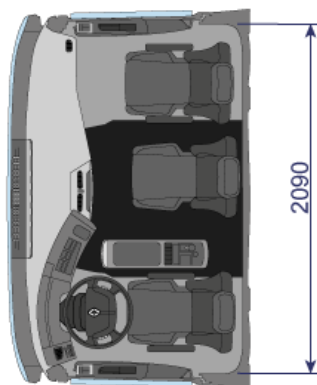
4-spoke steering wheel
OPTIDRIVER control
Analog and digital DAB/DAB+ radio
Bluetooth 4.0 for audio playback streaming with hands-free function and steering wheel-mounted controls
USB port underneath radio

Instrument panel:

Central tablet support with 2 USB-C ports
12V socket on dashboard, for accessories.



Remote control central door locking.
Speed limiter adjustable via steering wheel control (ASL)
 Cruise Control with steering wheel-mounted controls
 Power mode is activated by passing the 'hard spot' at the end of the accelerator pedal stroke (kick down)



ELECTRONIC EQUIPMENT:

English and Polish language display
 Additional language (Lithuanian)
 SAE cab socket for vehicle data extraction
FMS Gateway fleet management interface
 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)
 Lane Departure Warning System (LDWS)
 Advanced emergency braking system (AEBS)

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
 Provision for domestic refuse collection tipper
 Overhang for refuse collector, pre-drilled for bodybuilder.
 Removable front towing cap.
 Front under-run protection.
 Without rear under-run bar .
 Closing cross member with pre-drilling for towing yoke
Engine air filter with easily removable cartridges.
 Wings fitted in standard position.
Side exhaust.
 Equipment in kit on chassis prepared for lorry transport

BUMPER - STEPS AND LIGHTING

3-part plastic bumper with metal corners
 Access to driving position by 2 stepwell steps.
 Step lighting.
 Lighting adjustment
 Running lights
Front fog lights.

SUSPENSION

Front suspension

Front parabolic leaf springs.
 Stabiliser bar

Rear suspension:

Air suspension for refuse collector use
 Stabiliser bar
 Suspension remote control (2 channels).

FUEL TANK

Plastic tank
 Main fuel tank: 215 litres capacity mounted on right
 Electric heater on fuel filter

AdBlue



32-litre AdBlue tank

STANDARD EQUIPMENT

Hydraulic jack 10t
Reversing warning buzzer, including night switch.
 Windscreen washer bottle capacity: 12L

BODYWORK

Body mounting brackets front and rear

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

Bodybuilder access through bulkhead
 Provision for rear safety step to standard EN1501.
 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

GEARBOX RATIOS

*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.*

