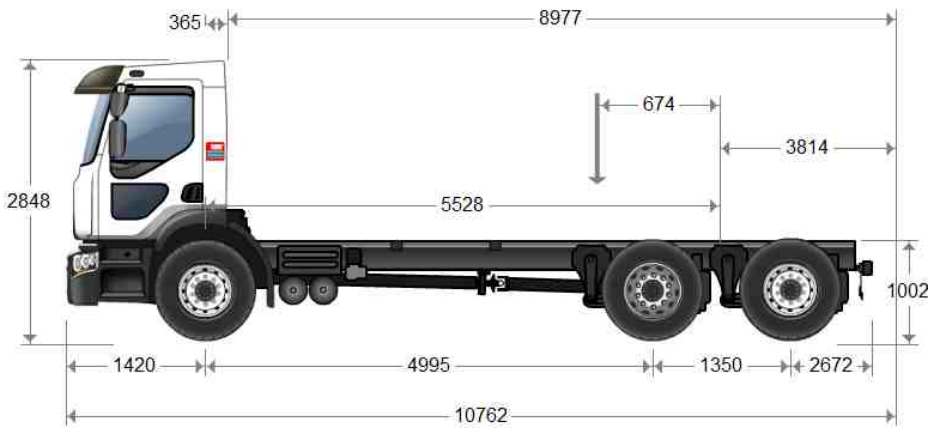


Model code : UKM_20DM0ZE0REF1
Print date: 08/07/2021
Last updated: 08/07/2021

Prepared for :

D WIDE Z.E. P6x2 26T - GVW 26T / GTW 26 T

RENAULT TRUCKS
WIDE



WEIGHTS

Wheelbase		mm	3.900
Payload	(C)	Kg	16176
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	8981.00
Kerb Weight	total	Kg	9824
Chassis cab kerb weight	Front Axle 1	Kg	5712.00
	Rear Axle 1	Kg	2489.00
	Rear Axle 2	Kg	1623.00
	Front axles (Liftable axle down)	Kg	5712
	Rear axles (Liftable axle down)	Kg	4112
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	7685.00
	Rear axle(s)	Kg	18315.00

This table takes into account the RENAULT TRUCKS options, screen washer fluid and presence of driver (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
Maximum clearable gradient laden: 16%

LENGTHS

Wheelbase		mm	3.900
Front Overhang	(H / BEP L016)	mm	1420
Wheelbase	(F / BEP L011)	mm	4995
Technical wheelbase	(F' / BEP L015)	mm	5528
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1350.00
Rear overhang	Chassis	mm	2672
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	3599
	Max. (Xmax / BEP L017)	mm	3814
Rear overhang	from end of technical wheelbase (N')	mm	3335.00
Cab entry	(B / BEP L102)	mm	365
Body length	Min. (Wmin / BEP L105)	mm	8762
	Max. (Wmax / BEP L105)	mm	8977
Load Centre of Gravity	Total	mm	0
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	782
	Min. (Ymin / BEP L104)	mm	674
Centre of Gravity of vehicle	at X (BEP L044)	mm	2332.00
Overall Chassis Length	(A / BEP L001)	mm	10437

HEIGHTS

Wheelbase		mm	3.900
Ground clearance, laden	Rear (U3 / BEP H016)	mm	246
	Front (U1 / BEP H015)	mm	226
Max. exterior height unladen	(BEP H001)	mm	2877
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	3310.00
Cab height (unladen)	(O)	mm	2848
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	304.00
	Laden (H0 / BEP H18)	mm	295.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	991.00
	Laden (H1 / BEP H036)	mm	980.00
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1002
	Laden (H2 / BEP H038)	mm	981
Frame top height at the rear of the frame	Unladen (HN)	mm	1011.00
	Laden (HN)	mm	981.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	743.00
Side member height	(BEP H032)	mm	300.00

TOWING DEVICE

Wheelbase		mm	3.900
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	3.900
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	2518
Track	Rear 1 (V2 / BEP W013.2)	mm	1854
	Front (V1 / BEP W013.1)	mm	2043

OTHER

Wheelbase		mm	3.900
Approach angle	(BEP H010)	°	14
Ramp angle	(BEP H012)	°	14.00
Departure angle	(BEP H011)	°	15.40
Side member thickness	(BEP W034)	mm	12.00
	Overall (BEP W012)	mm	9650.00
Turning Radius	kerb to kerb	mm	8956.00
	interior	mm	4271.00

Nominal speed 2450 rpm / Maximum speed 3790 rpm
Hollow shaft output (DIN5462/ISO7653)

Z.E. MOTOR

Power: 260 kW continuous, 370 kW peak
Torque: 850 N.m

Two Alternating Current synchronous motors
High power density, permanent-magnet technology
Antifreeze protection: -40°C.

ENERGY SOURCE

Z.E. traction batteries, 265 kWh, 600 V
Four battery packs of 66 kW each, located in the wheelbase
NMC cells (Nickel Manganese Cobalt)
Water-cooled

ELECTRICAL POWER SUPPLY

Charge port compatible with type 2 and CCS Combo 2.
Allows mode 2, 3 or 4 charging (from 22 kW to 150 kW).
Truck compatible with direct current chargers delivering higher power, but limitation is set to 150 kW.
Intelligent charging cable mode 2 (20 kW) 380 V - 32 A,
Length 7.5 m

ENGINE EQUIPMENT

Without engine Power Take Off.
Electronic speed limiter (90 km/h).

GEARBOX

Reduction gearbox, 2 forward speeds and 1 reverse

RETARDER

Electric motor can be used as retarder for energy recovery

POWER TAKE-OFF

Power take-off: electric motor powered by vehicle 600V electric network.
Torque: 286 N.m continuous / 530 N.m peak

STEERING

Electric steering box
Right hand drive.
Driving on the left

FRONT AXLE

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
[Alcoa Dura-Bright aluminium wheels.](#)
Chrome wheel nut protectors with chrome wheel nut caps
Without spare wheel.

REAR DRIVE AXLE

P13170 single reduction final drive axle
[Integral differential lock](#)
Rear loading capacity (technical max.): 19 t
Rear load 11.5t - 7.5t
Drive axle ratio: 5.29
Engine speed at 90 km/h: 0 rpm

Service brake:

Braking system with two independent circuits
All-disc brakes
Two water-cooled scroll electric air compressors, lubrication free
Electronic management of air production by APM (Air Product Management)



Dryer cartridge optimised by preventive maintenance
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 2.6 m wide
Fold-back front view mirror
Air horn
Spray suppression on front wings
External sun visor
Heated and tinted laminated windscreen
Without rear window.
Passenger side vision door with lower tinted window

Cab interior:

Upper storage cupboard, 2 storage boxes (50 l) with lids
Three sun blinds on windscreen
Predisposition for 24 volts socket
DTCO 4.0 digital chronotachograph
Manual roof vent
Air-suspended COMFORT driver's seat, with lumbar support, heated seat base and seatback, seat depth adjustment and seat-mounted seat belt

Driver's armrest

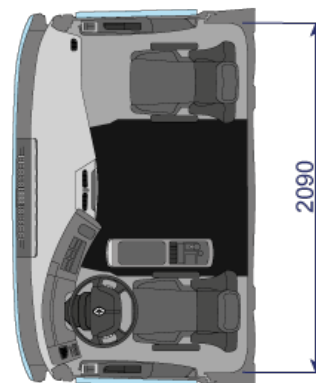
Red seat belts
Adjustable passenger seat
Multi-compartment storage on engine tunnel with 24 V socket
"Air blower installation inside the cab" adaptation
Blower socket on central console
Normal engine tunnel.
Cab lighting time-delay.
side sliding sun blind on driver's side
2 Coat hooks on rear panel
Electrically operated door windows
Air conditioning
Handbook and Service pack in English.
Second holder for smartphone
2 kg fire extinguisher in cab, accessible from inside and outside the cab

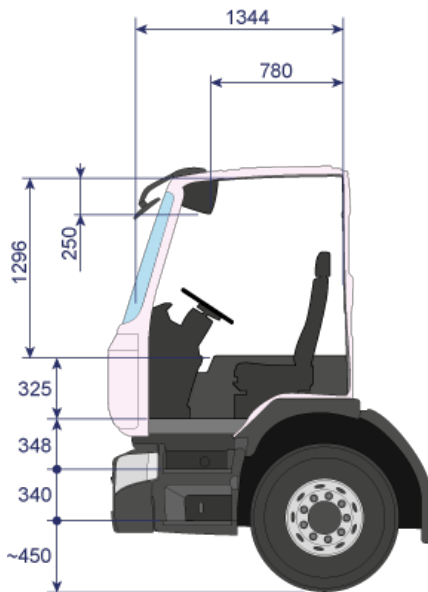
Steering wheel equipment:

Adjustable, 4-spoke leather steering wheel.
Analogue and digital DAB / DAB+ radio
Bluetooth 4.0 for audio playback streaming with hands-free function and steering wheel-mounted controls

Instrument panel:

Central tablet support with 2 USB-C ports
Speedometer in miles
12 V + 24 V socket on dashboard, for accessories.
Starting inhibitor controlled by transponder key.
Folding key.
Remote control central door locking.
3rd ignition key
Speed limiter adjustable via steering wheel control (ASL)





ELECTRONIC EQUIPMENT:

English and French language display
Additional language (German)
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)
Adaptive cruise control (ACC) linked to advanced emergency braking system (AEBS)

ELECTRICAL EQUIPMENT

Battery capacity: 170 Ah
Maintenance-free batteries
Battery isolation remote control
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.

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.

Without rear under-run bar .
Closing cross member with pre-drilling for towing yoke
Removable cab-coloured side fairings with integral manwalk access step.
Wings fitted in standard position.

BUMPER - STEPS AND LIGHTING

3-part plastic bumper
Access to driving position by 2 stepwell steps.
Step lighting.
Electrical headlamp levelling control.
Running lights

SUSPENSION

Front suspension

Front air suspension.
Heavy duty stabiliser bar

Rear suspension:

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

STANDARD EQUIPMENT

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

BODYWORK

Front fastening plates for bodywork installation
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

SERVICE

Optifleet:

Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 5-year prepaid subscription
Optifleet Map+: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription

