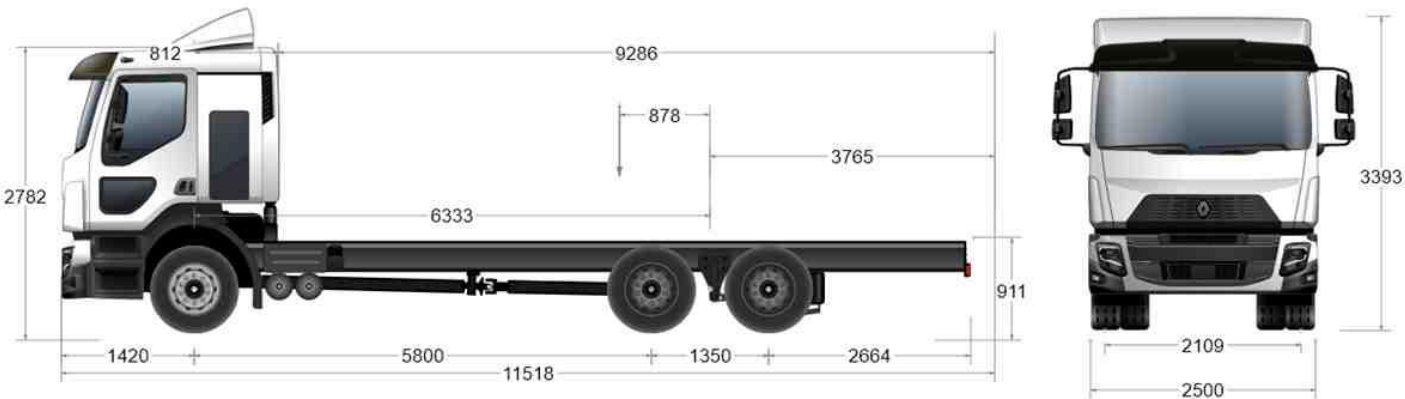


Model code : UKM\_20DM086LOW00  
Print date: 02/03/2024  
Last updated: 02/03/2024

Prepared for :

RENAULT TRUCKS D 26 WIDE 6X2 R LOW 250 E6 - GVW 26T / GCW 29.5 T (D)

RENAULT TRUCKS  
D 26  
WIDE



WEIGHTS

| Wheelbase                   |                                  | mm | 5.800   |
|-----------------------------|----------------------------------|----|---------|
| Payload                     | (C)                              | Kg | 18279   |
| 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   |
| Kerb Weight                 | rear axle 2                      | Kg | 7500    |
|                             | total                            | Kg | 7721    |
| Chassis cab kerb weight     | Front Axle 1                     | Kg | 4466.00 |
|                             | Rear Axle 1                      | Kg | 1970.00 |
|                             | Rear Axle 2                      | Kg | 1285.00 |
|                             | Front axles (Liftable axle down) | Kg | 4466    |
|                             | Rear axles (Liftable axle down)  | Kg | 3255    |



|                                              |               |    |          |
|----------------------------------------------|---------------|----|----------|
| 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 | 7000.00  |
|                                              | Rear axle(s)  | Kg | 19000.00 |

*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 | 5.800   |
|------------------------------|--------------------------------------|----|---------|
| Front Overhang               | (H / BEP L016)                       | mm | 1420    |
| Wheelbase                    | (F / BEP L011)                       | mm | 5800    |
| Technical wheelbase          | (F' / BEP L015)                      | mm | 6333    |
| Axle Spacing                 | Axle 2-3 (BEP L012.2)                | mm | 1350.00 |
| Rear overhang                | Chassis, overall (BEP L017)          | mm | 2664    |
| Bodywork rear overhang       | Min. (Xmin / BEP L017)               | mm | 3072    |
|                              | Max. (Xmax / BEP L017)               | mm | 3765    |
| Rear overhang                | from end of technical wheelbase (N') | mm | 3333.00 |
| Cab entry                    | (B / BEP L102)                       | mm | 812     |
| Body length                  | Min. (Wmin / BEP L105)               | mm | 8593    |
|                              | Max. (Wmax / BEP L105)               | mm | 9286    |
| Load Centre of Gravity       | Total                                | mm | 0       |
| Centre of Gravity of load    | Max. (Ymax / BEP L103)               | mm | 1224    |
|                              | Min. (Ymin / BEP L104)               | mm | 878     |
| Centre of Gravity of vehicle | at X (BEP L044)                      | mm | 2696.00 |
| Overall Chassis Length       | (A / BEP L001)                       | mm | 11234   |

## HEIGHTS

| Wheelbase                                                |                         | mm | 5.800   |
|----------------------------------------------------------|-------------------------|----|---------|
| Ground clearance, laden                                  | Rear (U3 / BEP H016)    | mm | 180     |
|                                                          | Front (U1 / BEP H015)   | mm | 192     |
| Max. exterior height unladen                             | (BEP H001)              | mm | 3393    |
| Max. exterior height, cab tilted, unladen                | (O1 / BEP H061)         | mm | 3507.00 |
| Cab height (unladen)                                     | (O)                     | mm | 2782    |
| Distance from ground to lowest point at front of vehicle | Unladen (H0 / BEP H18)  | mm | 322.00  |
|                                                          | Laden (H0 / BEP H18)    | mm | 308.00  |
| Frame top height at front axle                           | Unladen (H1 / BEP H035) | mm | 925.00  |
|                                                          | Laden (H1 / BEP H036)   | mm | 911.00  |
| Frame top height at drive axle                           | Unladen (H2 / BEP H037) | mm | 911     |
|                                                          | Laden (H2 / BEP H038)   | mm | 892     |
| Frame top height at the rear of the frame                | Unladen (HN)            | mm | 901.00  |
|                                                          | Laden (HN)              | mm | 880.00  |
| Centre of Gravity of vehicle                             | Unladen at Z (BEP H044) | mm | 731.00  |
| Side member height                                       | (BEP H032)              | mm | 300.00  |

## TOWING DEVICE

| Wheelbase                                                                               |                   | mm | 5.800 |
|-----------------------------------------------------------------------------------------|-------------------|----|-------|
| 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 | 5.800 |
|-----------|--|----|-------|
|-----------|--|----|-------|

|                                                    |                               |    |         |
|----------------------------------------------------|-------------------------------|----|---------|
| 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 | 1082    |
|                                                    | Rear (BEP W036)               | mm | 852     |
| Width at rear wheels                               | Rear axle 1 (V3 / BEP W003.2) | mm | 2500    |
| Track                                              | Rear 1 (V2 / BEP W013.2)      | mm | 1837    |
|                                                    | Front (V1 / BEP W013.1)       | mm | 2109    |

## OTHER

|                       |                    |           |              |
|-----------------------|--------------------|-----------|--------------|
| <b>Wheelbase</b>      |                    | <b>mm</b> | <b>5.800</b> |
| Approach angle        | (BEP H010)         | °         | 15           |
| Ramp angle            | (BEP H012)         | °         | 11.70        |
| Departure angle       | (BEP H011)         | °         | 13.10        |
| Side member thickness | (BEP W034)         | mm        | 13.00        |
| Turning Radius        | Overall (BEP W012) | mm        | 10500.00     |
|                       | kerb to kerb       | mm        | 9793.00      |
|                       | interior           | mm        | 4678.00      |

## DTI 8 ENGINE

Antifreeze protection: -25°C.

**Max. power: 184 kW at 2100 rpm**

**Max. torque: 950 Nm from 900 rpm to 1700 rpm**

Power output (UK): 247 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

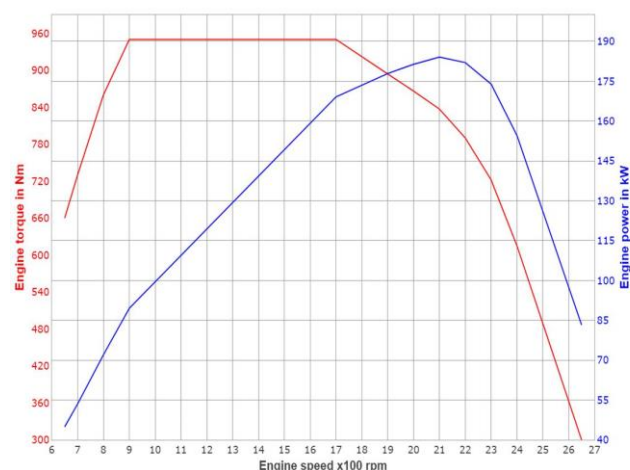
Cooling circuit capacity: 17 litres

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)

*Automatic engine cut-off (3 min)*

Without engine Power Take Off.

Electronic speed limiter (90 km/h).

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)

## CLUTCH

Single-plate clutch, diameter 430 mm

## POWER TAKE-OFF

Without gearbox mounted PTO

## GEARBOX

## 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

*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 385/55 + 315/60 R22.5*

Profile G. KMAX-2 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

*Integral differential lock*

Rear loading capacity (technical max.): 19 t

Rear load 11.5t - 7.5t

Drive axle ratio: 2.85

Engine speed at 90 km/h: 1484 rpm

## Service brake:

Braking system with two independent circuits

All-disc brakes

Twin-cylinder air compressor 1080 l/min, 720 cm<sup>3</sup>

Electronic management of air production by APM (Air Product Management)

Dryer cartridge optimised by preventive maintenance

Twin-cylinder air compressor 1080 l/min, 720 cm<sup>3</sup>

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.

## CAB

### Cab exterior:

*Global cab*

All steel Cab, electro-zinc plated and cataphoretic paint treatment.

Cab paint colour: White ekla

technical code: 09350

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*

*Side deflectors*

*External sun visor*

Tinted, laminated windscreen.

*With 2 rear tinted side windows*

Without rear window.

*Passenger side vision door with lower tinted window*

### Cab interior:

*Upper storage shelf, 2 storage boxes (50 l) closed by doors*

*Driver lateral sun-visor*

Three sun blinds on windscreen

With digital camera.

*CB pre-equipment.*

DTCO 4.1 digital tachograph

*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

Safety belt warning.

*Non-suspended fixed passenger seat*

Blower socket on central console

*Removable rear storage compartment, right-hand side (21 l)*

*Raised engine tunnel.*

Cab lighting time-delay.

side sliding sun blind on driver's side

*Clothes rail*

Electrically operated door windows

Air conditioning

Handbook and Service pack in English.

*2 kg fire extinguisher in cab, accessible from inside and outside the cab*

### Steering wheel equipment:

*Adjustable, 4-spoke leather 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

*12 V + 24 V socket on dashboard, for accessories.*

Starting inhibitor controlled by transponder key.

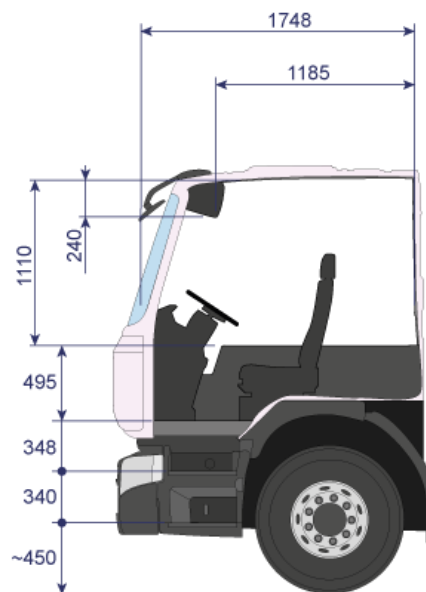
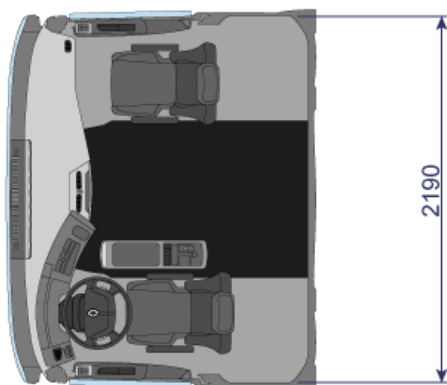
Folding key.

Remote control central door locking.

Speed limiter adjustable via steering wheel control (ASL)

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

*FMS Gateway fleet management interface*

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)

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.

Rear signalling lighting.

### 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.

*Without 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  
*Front fog lights.*

**SUSPENSION****Front suspension**

Front air suspension.  
 Heavy-duty front stabiliser bar

**Rear suspension:**

Air suspension  
 Suspension remote control (2 channels).

**FUEL TANK**

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

**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.*

**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

**SERVICE****Optifleet:**

Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 2-year prepaid subscription