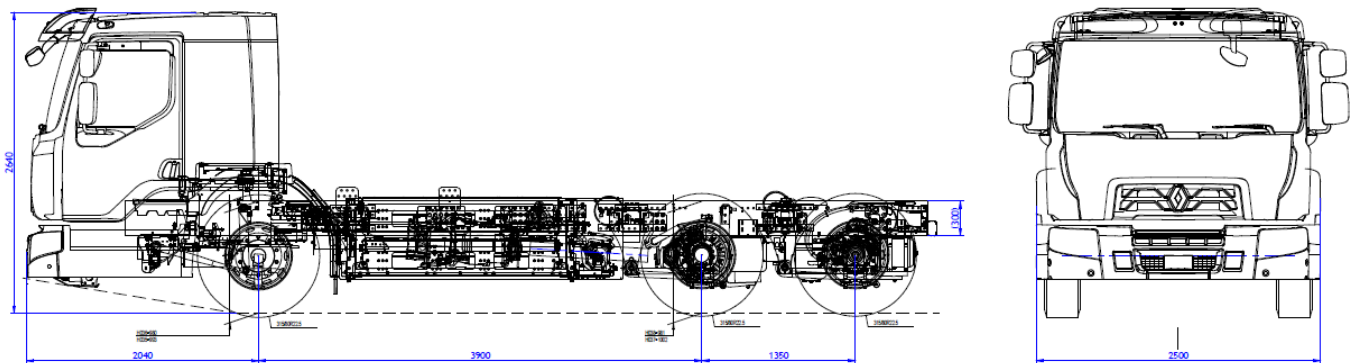


Model code : UKM\_20DM0ZE0REF1



**D2.3 LEC E-TECH - 6x2 - GVW 26T (27T)\***

**RENAULT TRUCKS**



**WEIGHTS**

Wheelbase		mm	3.900
Payload	(C)	Kg	16404
	Total (GVW)	Kg	26000 (27000)*
Maximum Weight (registered)	Front axle(s)	Kg	8000
	Front axle 1	Kg	8000.00
	Rear axle(s)	Kg	19000
	rear axle 1	Kg	11500
Min. weight complete vehicle unladen	rear axle 2	Kg	7500
	Front axle(s)	Kg	8981.00
	Kerb Weight	total	Kg
Chassis cab kerb weight	Front Axle 1	Kg	5910.00
	Rear Axle 1	Kg	2474.00
	Rear Axle 2	Kg	1595.00
	Rear axle(s)	Kg	18000.00
	Rear axle(s)	Kg	19751.00

*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%*

- Alternative fuels dispensation



**LENGTHS**

Wheelbase		mm	3.900
Front Overhang	(H / BEP L016)	mm	2040
Wheelbase	(F / BEP L011)	mm	3900
Technical wheelbase	(F' / BEP L015)	mm	4433
Axle Spacing	Axle 2-3 (BEP L012.2)	mm	1350.00
Rear overhang	Chassis	mm	717
Rear overhang	from end of technical wheelbase (N')	mm	1380.00
Cab entry	(B / BEP L102)	mm	625
Overall Chassis Length	(A / BEP L001)	mm	7987

**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	2279
Max. exterior height, cab tilted, unladen	(O1 / BEP H061)	mm	3119.00
Cab height (unladen)	(O)	mm	2250
Distance from ground to lowest point at front of vehicle	Unladen (H0 / BEP H18)	mm	205.00
	Laden (H0 / BEP H18)	mm	195.00
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	993.00
	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	1007.00
	Laden (HN)	mm	981.00
Centre of Gravity of vehicle	Unladen at Z (BEP H044)	mm	742.00
Side member height	(BEP H032)	mm	300.00

**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)	°	8
Ramp angle	(BEP H012)	°	18.00
Departure angle	(BEP H011)	°	34.40
Side member thickness	(BEP W034)	mm	12.00
Turning Radius	Overall (BEP W012)	mm	8350.00
	kerb to kerb	mm	7206.00
	interior	mm	2886.00



## ELECTRICAL MACHINE

**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

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

## 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 matt aluminium wheels.  
 Front wheel trims  
 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  
*Dust protection on rear brake*  
 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:

#### *Low entry 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

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 cupboards, 2 storage compartments (50 L)

with lids, sliding side sun screen on driver's side

Three sun blinds on windscreen

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*

#### *3 fixed passenger seats*

Red seat belts

Adjustable passenger seat

#### *Lower bunk*

Blower socket on central console

#### *Rear raised engine tunnel with flat floor*

Cab lighting time-delay.

#### *N/S & O/S side windows*

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*

*Pre disposition for body builder control panel.*

### 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

12V socket on dashboard, for accessories.

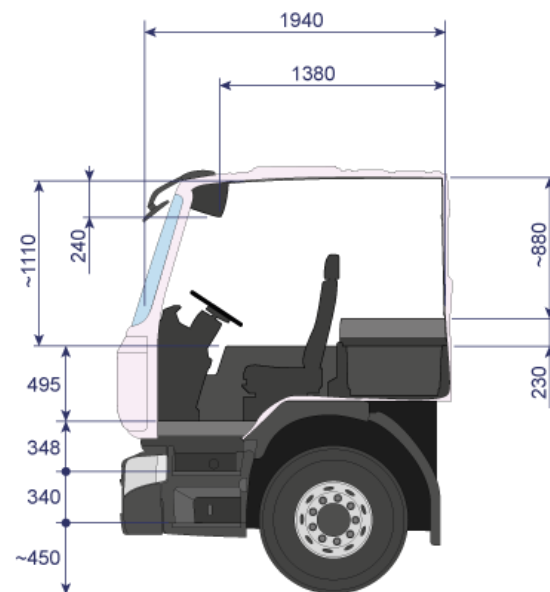
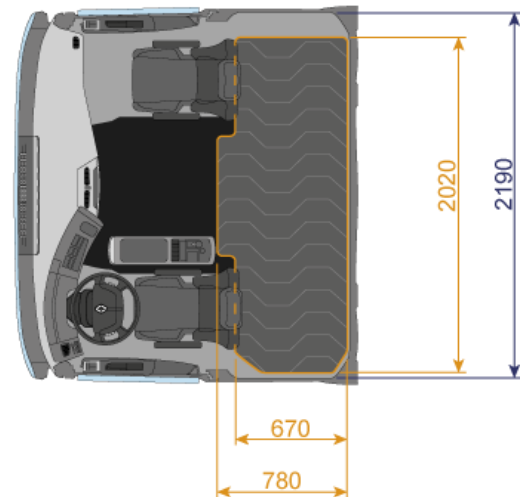
*Starting inhibitor controlled by transponder key.*

*Folding key.*

Remote control central door locking.

*3rd 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.  
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  
[Roof beacon pre-equipment](#)

*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.*

## 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, 4-year prepaid subscription  
Optifleet Map+: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription

