

D WIDE E-TECH P4x2

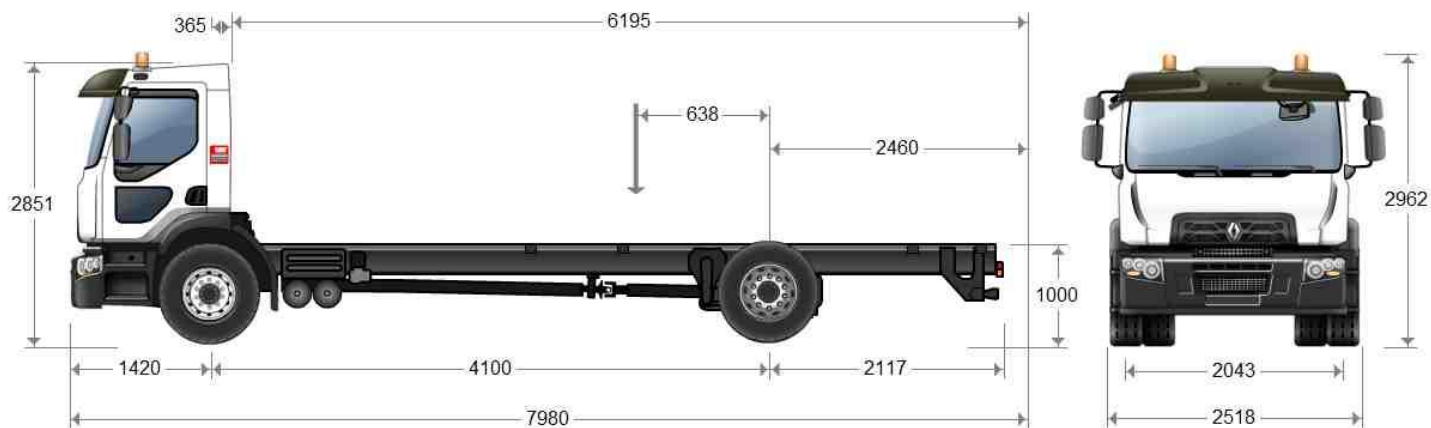
RIGID

Model code : UKM_20DJ0ZE0STD1

GVW 19T / GTW 19 T (ZE)

GLOBAL CAB

REAR AIR SUSPENSION



WEIGHTS

Wheelbase		mm	3.900
Maximum Weight (registered)	Total (GVW)	Kg	18000
Payload	(C)	Kg	9583
Kerb Weight	total	Kg	8417
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	5143
	Rear axles (Liftable axle down)	Kg	3274
Maximum Weight (registered)	Front axle 1	Kg	8000
	rear axle 1	Kg	11500
Maximum Weight (technical)	total (CoC: 16.1.)	Kg	20000
	front axles (CoC: 16.3.)	Kg	8000
	rear axles (CoC: 16.3.)	Kg	13000

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
Body length	Min. (Wmin / BEP L105)	mm	4754
	Max. (Wmax / BEP L105)	mm	5875
Front Overhang	(H / BEP L016)	mm	1420
Cab entry	(B / BEP L102)	mm	365
Wheelbase	(F / BEP L011)	mm	3900
Technical wheelbase	(F' / BEP L015)	mm	3900

Rear overhang	Chassis, overall (BEP L017)	mm	2016
Overall Chassis Length	(A / BEP L001)	mm	7336
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	598
	Max. (Ymax / BEP L103)	mm	1163
Min Overall Length (Z)	(Zmin / BEP L001)	mm	6530
Max Overall Length (Z)	(Zmax / BEP L001)	mm	7660
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	1210
	Max. (Xmax / BEP L017)	mm	2340

HEIGHTS

Wheelbase		mm	3.900
Cab height (unladen)	(O)	mm	2851
Max. exterior height unladen	(BEP H001)	mm	2962
Side member height	(BEP H032)	mm	300
Ground clearance, laden	Front (U1 / BEP H015)	mm	226
	Rear (U3 / BEP H016)	mm	242
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	994
	Laden (H1 / BEP H036)	mm	980
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1000
	Laden (H2 / BEP H038)	mm	977
Frame top height at the rear of the frame	Unladen (HN)	mm	1003
	Laden (HN)	mm	976

WIDTHS

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

OTHER

Wheelbase		mm	3.900
Side member thickness	(BEP W034)	mm	8
Turning Radius	kerb to kerb	mm	7056
	Overall (BEP W012)	mm	7750

Z.E. MOTOR

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
Nominal speed 2450 rpm / Maximum speed 3790 rpm
Hollow shaft output (DIN5462/ISO7653)
Without gearbox mounted PTO

STEERING

Electric steering box
Right hand drive.
Driving on the left

FRONT AXLE

Front load capacity (technical max.): 8 t

WHEELS AND TYRES

Dimension 315/80 R22.5
Profile G. KMAX-2 S/D
ALCOA brushed matt 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.): 13 t
Drive axle ratio: 5.29
Engine speed at 90 km/h: 0 rpm

Service brake:

Braking system with two independent circuits
All-disc brakes
Water-cooled scroll electric air compressor, 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:

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
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:

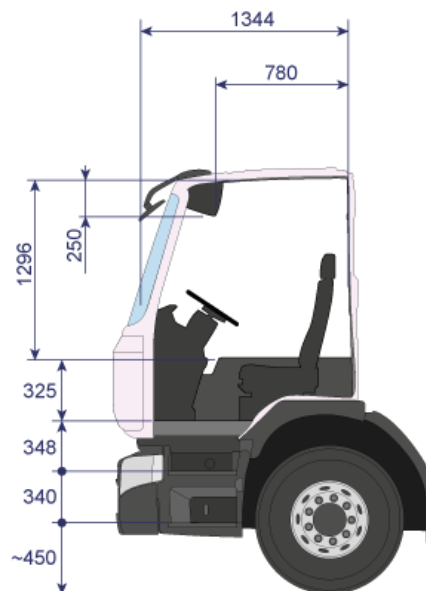
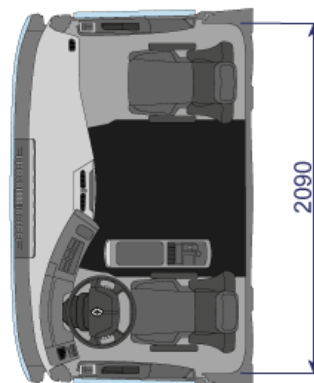
Upper storage cupboard, 2 storage boxes (50 l) with lids
Three sun blinds on windscreen
[CB pre-equipment](#).
DTCO 4.0 digital chronotachograph
Manual roof vent
Air-suspended COMFORT driver's seat, with lumbar support, heated seat base and seatback, seat depth adjustment and seat-mounted seat belt
Driver's armrest
Red seat belts
Adjustable passenger seat
Multi-compartment storage on engine tunnel with 24 V socket.
Volume: 31l on T, C, K, 15l on D, D Wide, C 2.3.
[Air blower inside the cab](#)
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.
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.
[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
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
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
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.
Lighting adjustment
Running lights
[2 LED technology orange lights \(rotating type\)](#)
Integrated headlamp washer

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:

Rear air suspension.
Stabiliser bar
Suspension remote control (2 channels).

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, 5-year prepaid subscription
Optifleet Map+: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription