

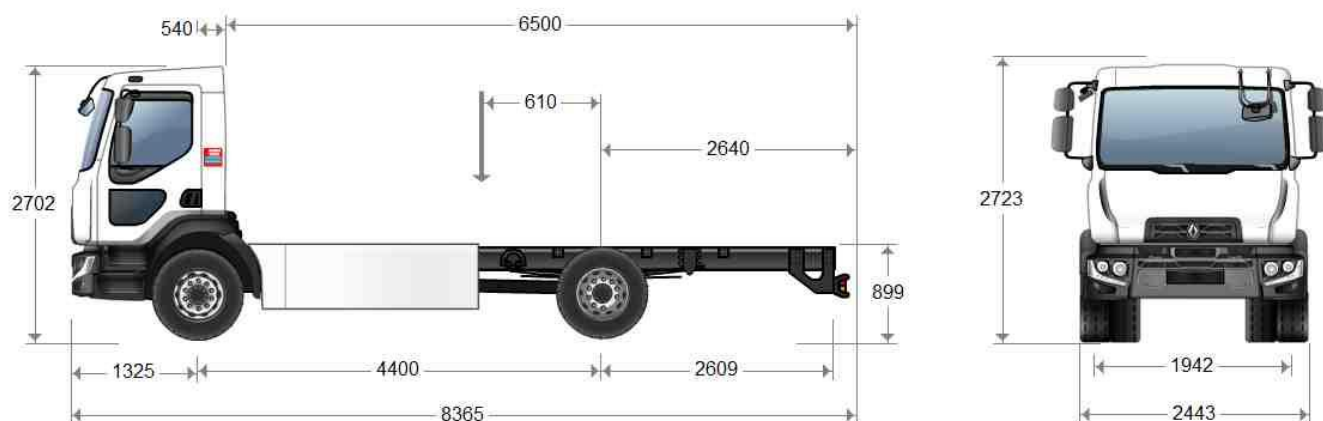
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D Z.E. MED P4x2 16T

RIGID

Model code : 40J60ZE6MD01

GVW 16T / GTW 16 T MEDIUM
DAY CAB
REAR AIR SUSPENSION



WEIGHTS

Wheelbase		mm	4.400	5.300
Maximum Weight (registered)	Total (GVW)	Kg	16000	
Payload	(C)	Kg	8750	8218
Kerb Weight	total	Kg	7250	7782
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	4600	4578
	Rear axles (Liftable axle down)	Kg	2650	3204
Maximum Weight (registered)	Front axle 1	Kg	5800	
	rear axle 1	Kg	10900	
Maximum Weight (technical)	total (CoC: 16.1.)	Kg	16700	
	front axles (CoC: 16.3.)	Kg	5800	
	rear axles (CoC: 16.3.)	Kg	10900	

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: 2500 kg

The weight of the vehicle is an average indicative weight of its STANDARD build, filled with urea, oil, windscreen wash liquid and coolant at 100%, fuel level at 90% and with driver (75kg).

Maximum clearable gradient laden: 16%

LENGTHS

Wheelbase		mm	4.400	5.300
Body length	Min. (Wmin / BEP L105)	mm	6500	7940
	Max. (Wmax / BEP L105)	mm	6500	7940
Front Overhang	(H / BEP L016)	mm	1325	
Cab entry	(B / BEP L102)	mm	540	



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Wheelbase	(F / BEP L011)	mm	4400	5300
Technical wheelbase	(F' / BEP L015)	mm	4400	5300
Rear overhang	Chassis	mm	2609	3259
Overall Chassis Length	(A / BEP L001)	mm	8334	9884
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	610	790
	Max. (Ymax / BEP L103)	mm	610	790
Min Overall Length (Z)	(Zmin / BEP L001)	mm	8365	9805
Max Overall Length (Z)	(Zmax / BEP L001)	mm	8365	9805
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	2640	3180
	Max. (Xmax / BEP L017)	mm	2640	3180

HEIGHTS

Wheelbase		mm	4.400	5.300
Cab height (unladen)	(O)	mm	2702	
Max. exterior height unladen	(BEP H001)	mm	2723	
Side member height	(BEP H032)	mm	236	
Ground clearance, laden	Front (U1 / BEP H015)	mm	228	
	Rear (U3 / BEP H016)	mm	177	
Frame top height at front axle	Unladen (H1 / BEP H035)	mm	831	
	Laden (H1 / BEP H036)	mm	824	
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	899	897
	Laden (H2 / BEP H038)	mm	877	
Frame top height at the rear of the frame	Unladen (HN)	mm	936	
	Laden (HN)	mm	907	908

WIDTHS

Wheelbase		mm	4.400	5.300
Max. cab width	(BEP W002)	mm	2276	
Frame width	Front (BEP W035)	mm	866	
	Rear (BEP W036)	mm	866	
Width at rear wheels	Rear axle 1 (V3 / BEP W003.2)	mm	2443	
Track	Front (V1 / BEP W013.1)	mm	1942	
	Rear 1 (V2 / BEP W013.2)	mm	1850	

OTHER

Wheelbase		mm	4.400	5.300
Side member thickness	(BEP W034)	mm	8	
Turning Radius	kerb to kerb	mm	7541.5	8891.5
	Overall (BEP W012)	mm	8200	9550



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Z.E. MOTOR

Power: 130 kW continuous, 185 kW peak

Torque: 425 N.m

One Alternating Current synchronous motor
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

w/out power take off

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 axle plating: 5.80 t.

WHEELS AND TYRES

Dimension 285/70 R19.5
Profile G. KMAX S/D
ALCOA brushed matt aluminium wheels
Without spare wheel.

OPTIONS

- Profile C. HYBRID HS3/HD3
- M. X MULTI Z / D profile
- Alcoa Dura-Bright aluminium wheels.

REAR DRIVE AXLE

P11150 drive axle with single reduction
Without differential lock.
Load capacity: Rear axle: 10.9 t
Drive axle ratio: 4.50

REAR DRIVE AXLE

- Other drive axle ratios are available
- Integral differential lock

Service brake:

Braking system with two independent circuits
All-disc brakes
Water-cooled scroll electric air compressor, lubrication free
Electronic management of air production by APM (Air Product Management)
Dryer cartridge optimised by preventive maintenance
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

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits



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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
Cab suspension with rubber pads on the front and mechanical on the rear
Hydraulic cab tilt.
2 heated, remote control rear view mirrors.
2 wide angle rearview mirrors.
Kerb view mirror.
Rear view mirrors for bodywork from 2500 to 2600 mm wide
Fold-back front view mirror
Spray suppression on front wings
Provision for mounting external sun visor.
Heated and tinted laminated windscreen
Without rear window.
Passenger side vision door with lower tinted window

OPTIONS

- Twin air horns - roof mounted.
- Adjustable roof deflector
- External sun visor
- Rear tinted side window
- Tinted rear cab window
- Passenger side vision door with lower clear window

Cab interior:

Upper storage cupboard, 2 storage boxes (50 l) with lids
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
Red seat belts
Safety belt warning.
Adjustable passenger seat
Multi-compartment storage on engine tunnel with 24 V socket
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

OPTIONS

- Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers
- CB pre-equipment.
- Air-suspended passenger seat with seatbelt.
- Non-suspended fixed passenger seat
- Passenger bench seat with armrest and compartment strut, with key lock
- Passenger armrest
- Storage on engine tunnel with 36-litre drawer
- Engine hourmeter.
- "Air blower installation inside the cab" adaptation

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



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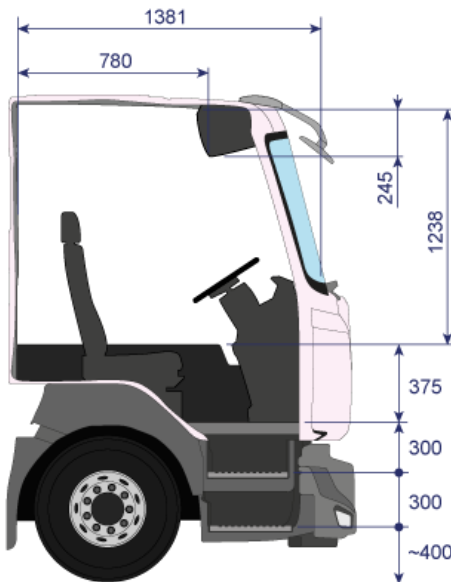
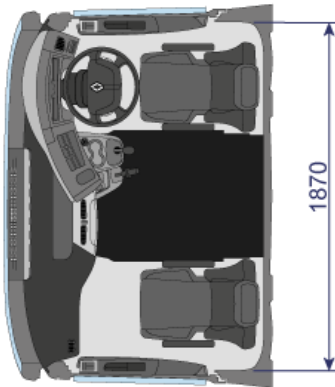


Instrument panel:

- 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.
- Speed limiter adjustable via steering wheel control (ASL)

OPTIONS

- 12 V + 24 V socket on dashboard, for accessories.
- Cab volumetric alarm, immobilizer and load protection.



ELECTRONIC EQUIPMENT:

- English and French language display
- Additional language (German)
- SAE cab socket for vehicle data extraction
- 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)

OPTIONS

- FMS Gateway fleet management interface

ELECTRICAL EQUIPMENT

- Battery capacity: 170 Ah
- Maintenance-free batteries
- Battery isolation remote control
- LED rear signalling and lighting (EEC standard e2 10113)

OPTIONS

- Rear signalling lighting.

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.
- Rear under-run bar
- Closing cross member
- Removable cab-coloured side fairings with integral manwalk access step.

BUMPER - STEPS AND LIGHTING

- 3-part plastic bumper
- LED position lights
- Access to driving position by 2 stepwell steps.
- Step lighting.
- LED day running lights

OPTIONS

- Front fog lights.
- Two rotating orange lights
- 2 LED technology orange lights (rotating type)
- Roof beacon pre-equipment

SUSPENSION

Front suspension

Front air suspension.

Rear suspension:

Rear air suspension
Suspension remote control (2 channels).
Telescopic shock absorbers.



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STANDARD EQUIPMENT

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

OPTIONS

- Warning triangle.

BODYWORK

Body mounting brackets front and rear
Bodybuilder access through bulkhead
Provision for bodybuilder electronic box interface.

OPTIONS

- Body mounting brackets (front only)
- Side members with bodywork bracket fastening holes
- Body mounting brackets (rear only)
- Bodybuilder BBM electronic box interface bodybuilder expert functions via CAN bus).
- Bodybuilder suspensions control:
Inhibition of suspension height regulation, platform kneeling, height regulation
- Electrical pre-arrangement for tail lift

PERFORMANCE

(1) Speed limited electronically (except VI < or = 12t, where special regulations apply)

(2) Slope calculated in %, varies according to ground adhesion

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.

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

OPTIONS

- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 5-year prepaid subscription

PACKS

- Pack "Comfort" comprising:
Multi-compartment storage on engine tunnel with 24 V socket
Second holder for smartphone
Upper storage cupboard with doors
Air-suspended COMFORT driver's seat, with lumbar support, heated seat base and seatback, seat depth adjustment and seat-mounted seat belt
Adjustable, 4-spoke leather steering wheel.
- Pack "Comfort" comprising:
Storage on engine tunnel with 36-litre drawer
Second holder for smartphone
Upper storage cupboard with doors
Air-suspended COMFORT driver's seat, with lumbar support, heated seat base and seatback, seat depth adjustment and seat-mounted seat belt
Adjustable, 4-spoke leather steering wheel.



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