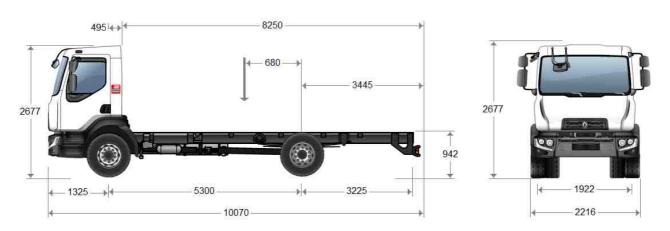
D 7.5 LOW P4X2 R 210 E6

RIGID Model code: CST_40J20567LD00

GVW 7.5 T / GTW 7.5 T

DAY CAB

REAR PARABOLIC SUSPENSION



WEIGHTS

Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300	
Maximum Weight (registered)	Total (GVW)	Kg	7500								
Payload	(C)	Kg	3551	3509	3490	3386	3357	3329	3280	3264	
Kerb Weight	total	Kg	3949	3991	4010	4114	4143	4171	4220	4236	
	Front axles (Liftable axle down)	Kg	2851	2863	2830	2884	2889	2906	2927	2903	
Chassis cab kerb weight	Rear axles (Liftable axle down)	Kg	1098	1128	1180	1230	1254	1265	1293	1333	
Maximum Weight	Front axle 1	Kg	3400								
(registered)	rear axle 1	Kg				52	00				
	total (CoC: 16.1.)	Kg				75	00				
Maximum Weight (technical)	front axles (CoC: 16.2.)	Kg				34	00				
	rear axles (CoC: 16.2.)	Kg				52	00				

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).

LENGTHS

Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300
	Min. (Wmin / BEP L105)	mm	4505	4939	5369	5960	6470	7015	7568	7996
Body length	Max. (Wmax / BEP L105)	mm	4868	5280	5775	6270	6765	7260	7755	8250



Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300	
Front Overhang	(H / BEP L016)	mm	1325								
Cab entry	(B / BEP L102)	mm		495							
Wheelbase	(F / BEP L011)	mm	3250	3500	3800	4100	4400	4700	5000	5300	
Technical wheelbase	(F' / BEP L015)	mm	3250	3500	3800	4100	4400	4700	5000	5300	
Rear overhang	Chassis	mm	1885	2055	2245	2445	2635	2835	3025	3225	
Overall Chassis Length	(A / BEP L032+L016)	mm	6460	6880	7370	7870	8360	8860	9350	9850	
October of Occopity of Israel	Min. (Ymin / BEP L104)	mm	321	365	418	470	523	575	628	680	
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	502	536	621	625	670	697	721	807	
Min Overall Length (Z)	(Zmin / BEP L001)	mm	6325	6759	7189	7780	8290	8835	9388	9816	
Max Overall Length (Z)	(Zmax / BEP L001)	mm	6688	7100	7595	8090	8585	9080	9575	10070	
D. d d	Min. (Xmin / BEP L017)	mm	1750	1934	2064	2355	2565	2810	3063	3191	
Bodywork rear overhang	Max. (Xmax / BEP L017)	mm	2113	2275	2470	2665	2860	3055	3250	3445	

HEIGHTS

Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300
Cab height (unladen)	(O)	mm	2679 2680		2678		2677	2676	2677	
Max. exterior height unladen	(BEP H001)	mm	26	77		2678		2677	2676	2677
Side member height	(BEP H032)	mm		230				234		
One and also are a lade a	Front (U1 / BEP H015)	mm	175							
Ground clearance, laden	Rear (U3 / BEP H016)	mm	168							
Frame top height at front	Unladen (H1 / BEP H035)	mm	805			806		805	804	805
axle	Laden (H1 / BEP H036)	mm		784				786		
Frame top height at drive	Unladen (H2 / BEP H037)	mm	947	946	944		8	18		942
axle	Laden (H2 / BEP H038)	mm		832		804				836
Frame top height at the	Unladen (HN)	mm	10	29	1025	825 82		26	1026	
rear of the frame	Laden (HN)	mm		860	•	815				866

WIDTHS

Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300
Max. cab width	(BEP W002)	mm	2276							
- · · · ·	Front (BEP W035)	mm		860				864		
Frame width	Rear (BEP W036)	mm	860			864				
Width at rear wheels	Rear axle 1 (V3 / BEP W003.1)	mm	2216							
- .	Front (V1 / BEP W013.1)	mm	1922							
Track	Rear 1 (V2 / BEP W013.2)	mm	1742							

OTHER

Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300
Side member thickness	(BEP W034)	mm	5					7		



Wheelbase		mm	3.250	3.500	3.800	4.100	4.400	4.700	5.000	5.300
PTI 5 ENGINE	kerb to kerb	mm	5806	6156	6606	7056	7506	7956	8406	8856
Turning Radius	Overall (BEP W012)	mm	6500_	6850	7300	7750	8200	8650	9100	9550

Max. power: 154 kW at 2200 rpm

Max. torque: 800 Nm from 1050 rpm to 1700 rpm

4-cylinder in-line diesel engine - 4 valves per cylinder - Rearmounted timing

COMMON RAIL high-pressure direct fuel-injection 2000 bar Bore 110 mm - stroke 135 mm - Capacity 5.1 litres

Variable geometry turbocharger EGR exhaust gas recirculation

Direction of rotation (seen from G/B end): anti-clockwise

Oil capacity: 14.5 L including filtration

Sheet metal oil sump

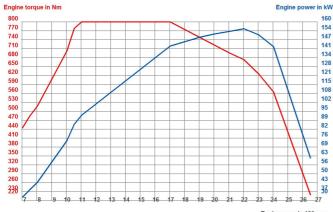
Cooling circuit capacity: 13 litres Antifreeze protection: -40°C. EEC EURO VI pollution control level

Compact post-treatment system (5th injector, catalytic converter, DPF, SCR)

Reduction in engine power of 25% when vehicle emissions are

above the legislative levels.

Soundproofing level complies with EEC standards (80dB)



Engine speed x100 rpm

ENGINE EQUIPMENT

Partial gas recycling (semi-closed circuit) Intake air preheating cold starting device Without engine Power Take Off. Electronic speed limiter (90 km/h)

OPTIONS

- Automatic engine cut-off (3 min)
- Automatic engine cut-off (5 min)
- Engine rear PTO:

Splined hollow shaft output (DIN 5462). Continuous drive

Rotation: as engine Max. torque: 600 Nm

Ratio: 1/1

Position 12 o'clock

Engine rear PTO:

Output: ISO 7646 plate. Continuous drive

Rotation: as engine Max. torque: 600 Nm

Ratio: 1/1

Position 12 o'clock

SAE 395 pushed clutch

GEARBOX

OPTITRONIC 6AS 800 automated gearbox (6.58 - 0.78) and automated clutch . Aluminium casing.

6 forward gears and 1 reverse gear.

Operation mode control at steering wheel (automatic / manual / manoeuvre).

Gear selection at steering wheel.

OPTIONS

 Allison S2500 automatic gearbox 5 forward gears and 1 reverse gear with torque converter

Lock-up function Ratios 3.51 - 0.64

Controlled via an ergonomic lever on the dashboard

ZF 6S 800 TO

6 synchronised forward gears and 1 reverse gear (6.58 - 0.78). SERVOSHIFT gear change assistance.

Cable control gear change.

RETARDER

Exhaust-mounted retarder (80 kW at 2800 rpm)

OPTIONS

- Electronic retarder TELMA AD 61-50 (1500 Nm)
- Adaptation: "Electric retarder on Telma AD 61-55 transmission'

POWER TAKE-OFFS

OPTIONS

 PTO located on the right side of auto gearbox facing the rear

DIN 5462 spline output for pump mounting Rotation same as engine Torque 240Nm

Ratio 1.07:1

 PTO located on right side of auto gearbox facing the rear Output: flange

Direction of rotation: as engine

Torque 240 Nm

Ratio: 1.07

Power take-off S88 C Output: DIN 5462

Direction of rotation: as engine



Torque: 450 Nm Ratios: 0.96 Position: 16h PTO S88 C.

Outlet:flange.

Direction of rotation: as engine

Torque: 400 Nm Ratio: 0.96 Position: 16h PTO S88 C.

Adaptation: "lubrication kit pto S88B/C

Without gearbox mounted PTO

STEERING

Hydraulic steering box with variable step-down power assistance. Driving on the right

AXLE

Front axle plating: 3.40 t.

WHEELS AND TYRES

Profile G. KMAX S/D Without spare wheel.

OPTIONS

- Profile C. HYBRID LS3 / LD3
- M. X MULTI Z / D profile

BRAKING

Service brake:

Braking system with two independent circuits All-disc brakes

Electronic management of air production by APM (Air Product

Management)

Dryer cartridge optimised by preventive maintenance Single cylinder air compressor 500 l/min, 360 cm3

Without rear trailer coupling.

Anti-wheel lock braking system (ABS). Anti-slip regulation (ASR).

Drag torque control (Torque control during downshifting).

Retarder and service brake linking

Differential engagement management (if equipped) at speeds <10 km/h (4x2)

Braking performance warning ESC (Electronic Stability Control) trajectory control and antirollover system

Coupling traction test

Emergency brake assist (EBA)

Emergency brake lights (EBL)

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

OPTIONS

- Trailer brake device
- Electrical socket for trailer.
- 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)

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

Cab suspension with rubber pads on the front and mechanical

on the rear

Hydraulic cab tilt.

2 heated, remote control rear view mirrors.

Rear view mirrors for bodywork from 2500 to 2600 mm wide

Fold-back front view mirror

Under floor air intake

Air filter clogging indicator

Spray suppression on front wings

Provision for mounting external sun visor.

Tinted, laminated windscreen.

Without rear window.

OPTIONS

- Roof-level air intake.
- Air intake behind cab.
- Adjustable roof deflector
- External sun visor
- Heated and tinted laminated windscreen
- Rear tinted side window
- Tinted rear cab window



Cab interior:

Storage compartment console underneath roof Three sun blinds on windscreen DTCO 4.0 digital chronotachograph Air-suspended driver's seat with fitted seat belt. Driver's armrest Red seat belts Adjustable passenger seat Cab lighting time-delay. 2 Coat hooks on rear panel Electrically operated door windows Handbook in Czech.

OPTIONS

- Upper storage cupboard with net cover, 2 storage compartments (50 I) with net covers
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)

audio playback via USB and streaming via Bluetooth 4.0 with hands-free function and steering wheel-mounted controls

- CB pre-equipment.
- Air-suspended COMFORT driver's seat, with fitted seat belt, lumbar support, heated cushion and seatback, seat depth adjustment
- · Air-suspended passenger seat with seatbelt.
- Front passenger bench (2 seater) with 3-point seat belts and integral headrests.
- Passenger armrest
- Storage on engine tunnel
- · Storage on engine tunnel with drawer
- Cab independent night heater air/air (2 kW)
- Air conditioning
- Smartphone mounting plate
- Adaptation: "Cylinder on clutch pedal"
- "DRIVER'S ALCO-LOCK

provide and install immobiliser alco-lock kit" adaptation

- Adjustment of "beam setting for toll chargers"
- "Air blower installation inside the cab" adaptation
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)

audio playback via USB and streaming via Bluetooth 4.0 with hands-free function and steering wheel-mounted controls

Steering wheel equipment:

4-spoke steering wheel adjustable for height and depth, includes cruise control controls

OPTIONS

- 4-spoke leather steering wheel adjustable for height and depth, with control for cruise control
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)

audio playback via USB and streaming via Bluetooth 4.0 with hands-free function and steering wheel-mounted controls Analog radio with audio playback and streaming via Bluetooth 4.0

with hands-free function and steering wheel-mounted controls

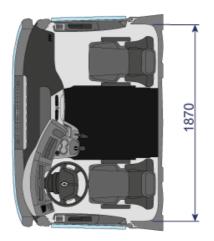
Instrument panel:

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)
Cruise Control with steering wheel-mounted controls

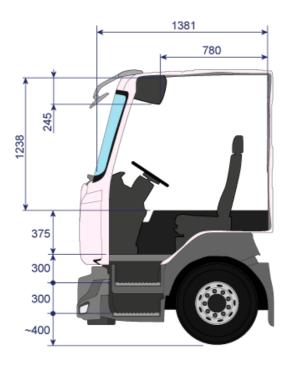
OPTIONS

- 12 V + 24 V socket on dashboard, for accessories.
- Cab volumetric alarm, immobilizer and load protection.
- "D 4x2 differential lock audible warning" adaptation
- Analog and digital DAB and DAB+ radio requiring a digital antenna (not provided)

audio playback via USB and streaming via Bluetooth 4.0 with hands-free function and steering wheel-mounted controls







ELECTRONIC EQUIPMENT:

SAE cab socket for vehicle data extraction (Optifuel Infomax). Lane Departure Warning System (LDWS) Advanced emergency braking system (AEBS) English and Czech language display Additional language (Slovak)

OPTIONS

- FMS Gateway fleet management interface
- Telematics provision including the TGW (Telematics GateWay): including antenna and subscription to Optifleet Map, Check and Drive services
- Constant time gap (CTG) linked to advanced emergency braking system (AEBS)
- "Speed Signal Simulator" adaptation

ELECTRICAL EQUIPMENT

Battery capacity: 170 Ah Batteries with level check Battery isolation switch Alternator: 130 amp capacity.

OPTIONS

Maintenance-free batteries

- Battery isolation remote control
- "LED rear lights" adaptation

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 underrun bar with integral lights, fitted on the chassis.

Without rear closing crossmember.

One wheel chock with bracket mounted on chassis.

Lateral exhaust on left side.

OPTIONS

- Rear crossmember for towing hook on less than or equal to 3.5t GVW.
- Rear cross-member for hook higher than 3.5t GVW
- Closing cross member
- Engine air filter with easily removable cartridges.
- Two wheel chocks with bracket.
- "Rear air suspension" adaptation
- "Rear air suspension" adaptation
- Adaptation: "CEN standard"
- Adaptation: "CEN standard"

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.
- 2 orange rotating beacons
- Roof beacon pre-equipment

SUSPENSION

Front suspension

Front parabolic leaf springs. Stabiliser bar

OPTIONS

- Reinforced front parabolic leaf springs.
- "Heavy duty front suspension" adaptation



Rear suspension:

Parabolic rear suspension. Telescopic shock absorbers. Stabiliser bar

OPTIONS

- Rear air suspension
- Reinforced rear asymmetrical leaf springs.
- Air suspension control on dash board.
- Suspension remote control

FUEL TANK

Plastic tank

Main fuel tank: 80 litres capacity mounted on right Fuel heater in filter bowl.

OPTIONS

- Main fuel tank: 130 litres capacity mounted on right
- Main fuel tank: 300 litres capacity mounted on right
- Main fuel tank: 2 x 215 litres capacity mounted on right
- Main fuel tank: 215 litres capacity mounted on right
- "Diesel fuel anti-siphon" adaptation
- "130 I aluminium tank for width reduction" adaptation
- "Direct diesel fuel supply for ancillary equipment" adaptation
- Adaptation: "CEN standard"

AdBlue

32-litre AdBlue tank

STANDARD EQUIPMENT

Warning triangle.

Windscreen washer bottle capacity: 12L

OPTIONS

- Jack 6t
- Sharp angle protection.

BODYWORK

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

OPTIONS

- Pre-equipment plates on chassis for fitting cranes with a capacity of up to 10 T/M
- · Front body mounting brackets.
- Bodywork bracket mounting holes
- Rear mounting brackets for bodywork
- Bodybuilder suspensions control: Inhibition of suspension height regulation, platform kneeling, height regulation
- Electrical provision for crane

SERVICE

Optifleet:

OPTIONS

- Pre-equipment for monthly Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, activation of service on request subject to monthly subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 1-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 2-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 3-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 4-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 5-year prepaid subscription
- Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, 6-month prepaid subscription
- Pre-equipment for monthly Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, activation of service on request subject to monthly subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 1year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 2year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 3year prepaid subscription



- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 4year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 5year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 6month prepaid subscription
- Pre-equipment for monthly Optifleet Map: vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifieet Map: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription
- Pre-equipment for monthly Optifleet Map+: high frequency vehicle geolocation, geofencing and route analysis.
 Activation of service on request subject to monthly subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 1-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 2-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 3-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 4-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 5-year prepaid subscription
- Optifleet Map+: vehicle geolocation, geofencing and route analysis, 6-month prepaid subscription

PACKS

Pack "Protect" comprising:
 EBS MEDIUM with ESP
 Tyre pressure gauge
 Tyre inflation extension piece
 Cab volumetric alarm, immobilizer and load protection.
 Passenger side vision door with lower tinted window
 Reversing warning buzzer, including night switch.

GEARBOX RATIOS

1		2	3 4	5	6
6.5	58	3.60 2	.13 1.39	1.00	0.78



PERFORMANCE

Gearbox ratio	Axle ratio	Code	Final ratio	Engine rpm at max torque	Speed	Gradient in % (2)	Engine speed at 90 km/h	Governed speed in km/h (1)
	DRIVE AXLE RATIO 3.31	1CJ46	3.310	1300	8.38	78.96		
	DRIVE AXLE RATIO 3.73	1CJ44	3.730	1300	7.43	97.61		
	DRIVE AXLE RATIO 3.91	1CJ43	3.910	1300	7.09	107.53		
	DRIVE AXLE RATIO 4.10	1CJ42	4.100	1300	6.76	119.88		
1	DRIVE AXLE RATIO 4.30	1CJ54	4.300	1300	6.45	135.89		
	DRIVE AXLE RATIO 4.56	1CJ61	4.560	1300	6.08	164.28		
	DRIVE AXLE RATIO 4.88	1CJ39	4.880	1300	5.68	225.61		
	DRIVE AXLE RATIO 5.13	1CJ47	5.130	1300	5.40	275.52		
	DRIVE AXLE RATIO 3.58	1CJ45	3.580	1300	7.74	90.34		
	DRIVE AXLE RATIO 3.31	1CJ46	3.310				1655.71	120
	DRIVE AXLE RATIO 3.73	1CJ44	3.730				1865.80	106
	DRIVE AXLE RATIO 3.91	1CJ43	3.910				1955.84	101
	DRIVE AXLE RATIO 4.10	1CJ42	4.100				2050.88	97
6	DRIVE AXLE RATIO 4.30	1CJ54	4.300				2150.92	92
	DRIVE AXLE RATIO 4.56	1CJ61	4.560				2280.97	87
	DRIVE AXLE RATIO 4.88	1CJ39	4.880				2441.04	81
	DRIVE AXLE RATIO 5.13	1CJ47	5.130				2566.10	77
	DRIVE AXLE RATIO 3.58	1CJ45	3.580				1790.77	111

⁽¹⁾ Speed limited electronically (except VI < or = 12t, where special regulations apply) (2) Slope calculated in %, varies according to ground adhesion

For further assistance please contact Product Applications at Renault Trucks UK Limited, Wedgnock Lane, Warwick, CV34 5YA Telephone +44 (0)1926 475333.



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