

D

# D 25 WIDE 6X2 R LOW 280 E6

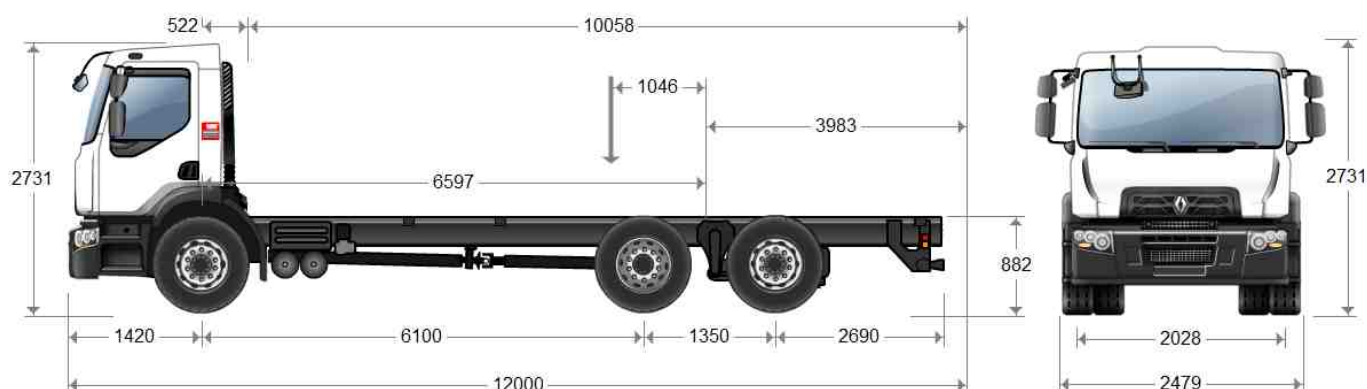
RIGID

Model code : CST\_20DM086LOW11

GVW 24.5 T / GTW 28 T

DAY CAB

REAR AIR SUSPENSION (TAG AXLE)



## WEIGHTS

Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Maximum Weight (registered)	Total (GVW)	Kg	0	24500											0
Payload	(C)	Kg	0	1751 3	1750 7	1745 0	1743 1	1739 0	1736 9	1731 3	1722 7	1717 6	1713 7	1713 2	0
Kerb Weight	total	Kg	0	6987	6993	7050	7069	7110	7131	7187	7273	7324	7363	7368	0
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	0	4102	4097	4118	4120	4138	4145	4151	4177	4193	4208	4236	0
	Rear axles (Liftable axle down)	Kg	0	2885	2896	2932	2949	2972	2986	3036	3096	3131	3155	3132	0
Maximum Weight (registered)	Front axle 1	Kg		6700											
	rear axle 1	Kg	0	11500											0
	rear axle 2	Kg	0	6700											0
	Rear axle(s)	Kg	0	18200											0
Maximum Weight (technical)	total (CoC: 16.1.)	Kg		24900											
	front axles (CoC: 16.2.)	Kg		6700											
	rear axles (CoC: 16.2.)	Kg		18200											

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  
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	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Body length	Min. (Wmin / BEP L105)	mm	0	6105	6442	6790	7130	7478	7906	8331	8767	9199	9719	10058	0
	Max. (Wmax / BEP L105)	mm	0	6748	7068	7388	7708	8028	8428	8828	9228	9628	10058	0	0
Front Overhang	(H / BEP L016)	mm	0	1420										0	
Cab entry	(B / BEP L102)	mm	0	522										0	
Wheelbase	(F / BEP L011)	mm	0	3700	3900	4100	4300	4500	4750	5000	5250	5500	5800	6100	0
Technical wheelbase	(F' / BEP L015)	mm	0	4197	4397	4597	4797	4997	5247	5497	5747	5997	6297	6597	0
Axle Spacing	Axle 2-3 (BEP L012.2)	mm		1350											
Rear overhang	Chassis	mm	0	1790	1940	2040	2190	2290	2440	2590	2740	2890	2990	2690	0
Overall Chassis Length	(A / BEP L032+L016)	mm	0	8260	8610	8910	9260	9560	9960	10360	10760	11160	11560	0	
Centre of Gravity of load	Min. (Ymin / BEP L104)	mm	0	301	341	381	421	461	511	561	611	661	746	1046	0
	Max. (Ymax / BEP L103)	mm	0	623	654	680	710	736	772	809	842	875	916	1046	0
Min Overall Length (Z)	(Zmin / BEP L001)	mm	0	8047	8384	8732	9072	9420	9848	10273	10709	11141	11661	12000	0
Max Overall Length (Z)	(Zmax / BEP L001)	mm	0	8690	9010	9330	9650	9970	10370	10770	11170	11570	12000	0	
Bodywork rear overhang	Min. (Xmin / BEP L017)	mm	0	2430	2567	2715	2855	3003	3181	3356	3542	3724	3944	3983	0
	Max. (Xmax / BEP L017)	mm	0	3073	3193	3313	3433	3553	3703	3853	4003	4153	4283	3983	0

## HEIGHTS

Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
Cab height (unladen)	(O)	mm	0	2732		2731									0
Max. exterior height unladen	(BEP H001)	mm	0	2731	2732	2731									0
Side member height	(BEP H032)	mm		266											
Ground clearance, laden	Front (U1 / BEP H015)	mm	0	160										0	
	Rear (U3 / BEP H016)	mm	0	165										0	
Frame top height at front axle	Unladen (H1 / BEP H035)	mm		858		857									
	Laden (H1 / BEP H036)	mm		845											
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	0	882										0	
	Laden (H2 / BEP H038)	mm	0	862										0	
Frame top height at the rear of the frame	Unladen (HN)	mm		903				902			901			898	
	Laden (HN)	mm		877					876				874		

## WIDTHS



Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
<b>DTI 8 ENGINE</b>	(BEP W002)	mm	0												
Max. power: 206 kW at 2100 rpm	Front (BEP W035)	mm	0												
Max. torque: 1050 Nm from 950 rpm to 1600 rpm	Rear axle 1 (V3 / BEP W003 1)	mm	0												
6-cylinder in-line diesel engine - 4 valves per cylinder - Rear-mounted timing	Rear axle 2 (V4 / BEP W01 52)	mm	0												
COMMON RAIL high-pressure direct fuel-injection 2000 bar		mm	0												
Bore 110 mm - stroke 135 mm - Capacity 7.7 litres		mm	0												
Variable geometry turbocharger		mm	0												
Exhaust gas recirculation		mm	0												
Direction of rotation (seen from G/B end) anti-clockwise		mm	0												
Oil capacity: 27 L including filtration		mm	0												
Sheet metal oil sump		mm	0												
Cooling circuit capacity 13.2 litres		mm	0												
Antifreeze protection: -40°C		mm	0												
EEC EURO VI pollution control level		mm	0												
Compact post-treatment system (7th injector, catalytic converter, DPF, SCR)		mm	0												
Reduction in engine power of 25% when vehicle emissions are above the legislative levels.		mm	0												
Soundproofing level complies with EEC standards (80dB)		mm	0												

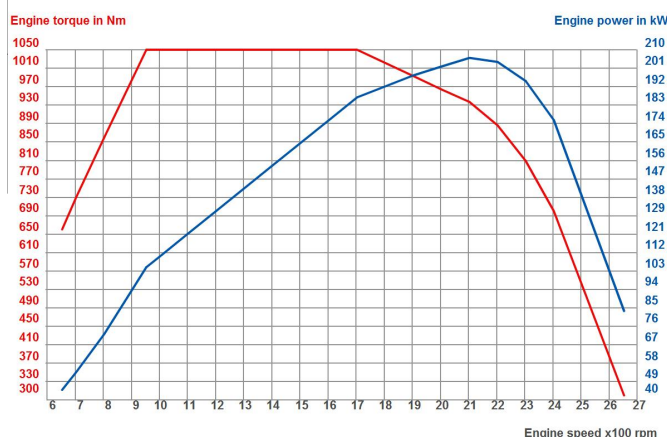
Rotation: as engine  
Max. torque: 600 Nm  
Ratio: 1/1  
Position 12 o'clock

## CLUTCH

## GEARBOX

Optidriver AT 2412F gearbox (14.94 - 1) with automatic clutch.  
Aluminium housing  
Max. torque 2400 Nm, 12 forwards gears and 3 reverse gears.  
Steering wheel-mounted operating mode selection (automatic/manual) via gear shift selector.  
Gearshifting strategy optimised for DISTRIBUTION

Wheelbase		mm	3.500	3.700	3.900	4.100	4.300	4.500	4.750	5.000	5.250	5.500	5.800	6.100	6.450
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	12	13	
7046	8246	8546	8896
9296	9646	1004	1049
1094	1125	1170	

## OPTIONS

- 9-speed manual gearbox (synchromesh) and 1 reverse gear (9.48 - 0.75).
- SERVOSHIFT gear changing assistance.
- Cable-operated gearshift control.
- Allison automatic gearbox 3200V
- 6 forward gears and 1 reverse gear with torque converter.
- Ratios: 3.49 - 0.65.
- Controlled by touch pad.
- 2 configuration modes: "eco" and "dynamic"
- Lock-up function.
- ZF 6S 1000 TO
- 6-speed manual gearbox (synchromesh) and 1 reverse gear (6.75 - 0.77).
- In-line gear pattern.
- SERVOSHIFT gear changing assistance.
- Cable-operated gearshift control.
- Gearshifting strategy optimised for FUEL ECO

## ENGINE EQUIPMENT

Power mode is activated by passing the 'hard spot' at the end of the accelerator pedal stroke (kick down)  
Partial gas recycling (semi-closed circuit)  
Intake air preheating cold starting device  
Without engine Power Take Off.  
Electronic speed limiter (90 km/h).

## RETARDER

Exhaust-mounted retarder (120 kW at 2800 rpm)

## OPTIONS

- Power mode inhibited after passing the 'hard spot' of the accelerator pedal
- 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

## OPTIONS

- OPTIBRAKE:  
Combination of exhaust brake and valve compression braking.  
Full electronic management (power: 170 kW at 2800rpm), coupled to service brake
- Allison Hydraulic retarder (400 kW)
- Electronic retarder TELMA AD 72-60 (2600 Nm)

## POWER TAKE-OFFS



## OPTIONS

- PTO N109/10 C  
Outlet: splined hollow shaft  
Rotation: as engine  
Torque: 410 Nm  
Ratio: 1.9  
Position: 6 o'clock
- Gearbox PTO located on upper side at 13h.  
Outlet : DIN562 splined shaft for flanged pump.  
Rotation : as engine.  
Torque 535 Nm.  
Ratio : 1.975
- PTO S88 C.
- PTO NL/10 C 320 Nm.  
Outlet : Splined hollow shaft.  
Rotation : as engine  
Torque : 320 Nm.  
Ratios : 1.7  
Position : 13h
- Power take-off PTR D-D1D:  
Output: splined hollow shaft (DIN 5462), rotation as engine, torque 1000 Nm, Ratio 0.6/0.77. Position 17h  
Mixed output (DIN 5462/DIN 120), rotation opposite to engine, torque 730 Nm, Ratio 1.29/1.65. Position 16h
- Power take-off PTR D-D1D:  
Output: splined hollow shaft (DIN 5462), rotation as engine, torque 1000 Nm, Ratio 0.6/0.75. Position 17h  
Mixed output (DIN 5462/DIN 120), rotation opposite to engine, torque 870 Nm, Ratio 1.04/1.32. Position 16h
- Power take-off S84  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: as engine  
Torque: 430 Nm  
Ratios: 0.91/1.16  
Position: 17h
- Power take-off S81, 800 Nm, flange output
- Power take-off S81  
Output: flange (DIN 90)  
Direction of rotation: opposite to engine  
Torque: 1000 Nm  
Ratios: 0.71/0.90  
Position: 18h
- Power take-off S81  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: opposite engine  
Torque: 800 Nm  
Ratios: 0.71/0.90
- Power take-off S81  
Output: splined hollow shaft (DIN 5462)  
Direction of rotation: opposite to engine  
Torque: 1000 Nm  
Ratios: 0.71/0.90  
Position: 18h
- Power take-off S84  
Output: flange (DIN 90)  
Direction of rotation: as engine  
Torque: 430 Nm  
Ratios: 0.91/1.16  
Position: 17h
- Power take-off S88 450 Nm, flange
- Additional PTO S81 Z2 C  
Outlet: splined hollow output shaft. Direction of rotation: opposite engine.
- Additional PTO S84 Z2 C  
Without gearbox mounted PTO

## STEERING

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

## FRONT AXLE

Load capacity (technical max.) Front axle: 7.1 t.

## REAR AXLE

Liftable rear axle with single wheel fitment featuring air suspension  
Load transfer to drive axle (11.5 t + 30% if speed below 30 km/h)

## OPTIONS

- Liftable rear axle with twin wheel fitment featuring air suspension
- 3rd non steerable rigid axle, single wheel
- 3rd steered rear fixed axle, single wheel fitment

## WHEELS AND TYRES

Dimension 295/60 R22.5  
Profile G. KMAX S/D  
Steel disc wheels  
Front wheel trims  
Without spare wheel.

## OPTIONS

- Dimension 315/60 + 295/60 R22.5

## 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  
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.

### Brake adjustment:

Automatic brake lining slack compensation.

### Emergency brake:

Ensured by independence of main device circuits

## OPTIONS

- Aluminium air tanks.
- Trailer brake device
- "Differential lock release if vehicle speed exceeds 10 km/h" adaptation

## 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  
Roof-level air intake.  
Air filter clogging indicator  
Spray suppression on front wings  
Tinted, laminated windscreen.  
Without rear window.

## OPTIONS

- 4-point cab air suspension with ride-height control system
- Adjustable roof deflector
- External sun visor
- Provision for mounting external sun visor.
- Heated and tinted laminated windscreen
- With 2 rear tinted side windows
- Tinted rear cab window

### Cab interior:

Upper storage cupboard with net cover, 2 storage compartments (50 l) with net covers  
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  
Blower socket on central console  
Normal engine tunnel.  
Cab lighting time-delay.  
2 Coat hooks on rear panel  
Electrically operated door windows  
Handbook in Czech.

## OPTIONS

- 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.
- Offset 24 V socket
- 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.
- Passenger armrest
- Storage on engine tunnel
- Rear storage on central tunnel
- Cab independent night heater air/air (2 kW)
- Air conditioning
- Smartphone mounting plate
- Engine hourmeter.
- 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  
OPTIDRIVER control

## 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



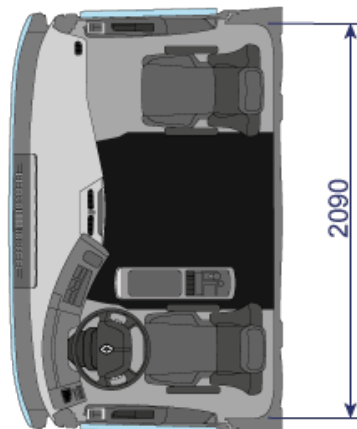
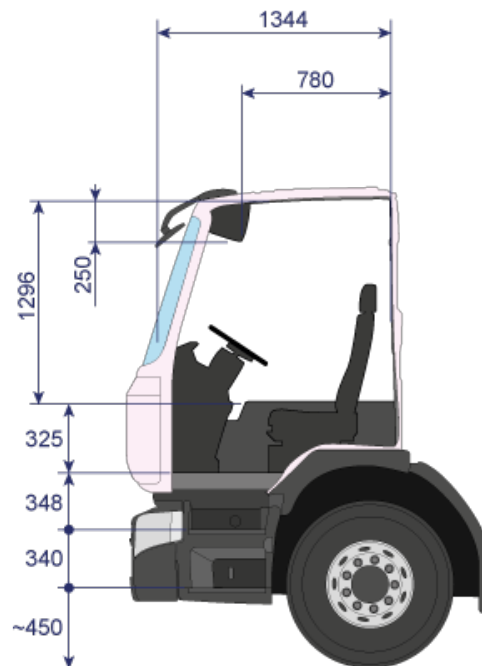
Analog radio with audio playback and streaming via Bluetooth 4.0  
with hands-free function and steering wheel-mounted controls

### 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.
- Cruise Control with Optiroll with steering wheel-mounted controls
- "ONSPOT type automatic chaining system" 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: 185 Ah  
Batteries with level check  
Battery isolation switch  
Alternator : 110 amp capacity.

### OPTIONS

- Maintenance-free batteries





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

## 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.  
Rear under-run bar.  
Closing cross member with pre-drilling for towing yoke  
Lowered wing position, recommended for motorway use.  
Two wheel chocks with bracket.  
Side exhaust.

### OPTIONS

- Trailer cross member for G150 hook (100 x 160 mm attachment)
- Engine air filter with easily removable cartridges.
- Wings fitted in standard position.
- One wheel chock with bracket mounted on chassis.

## BUMPER - STEPS AND LIGHTING

3-part plastic bumper  
Access to driving position by 2 stepwell steps.  
Step lighting.  
Electrical headlamp levelling control.  
Running lights

### OPTIONS

- Front fog lights.
- 2 orange rotating beacons
- Roof beacon pre-equipment

## SUSPENSION

### Front suspension

Front air suspension.  
Heavy duty stabiliser bar

### OPTIONS

- Front parabolic leaf springs.
- Stabiliser bar

### Rear suspension:

Air suspension  
Suspension remote control (2 channels).

## FUEL TANK

Main steel tank.  
Main fuel tank: 255 litres capacity D560 profile mounted on right  
Fuel heater in filter bowl.

### OPTIONS

- Main fuel tank: 415 litres capacity D560 profile mounted on right
- Main fuel tank: 630 litres capacity D560 profile mounted on right
- Main fuel tank: 315 litres capacity D560 profile mounted on right
- Main fuel tank: 215 litres capacity mounted on right
- Main fuel tank: 220 litres capacity D560 profile mounted on right
- Main fuel tank: 160 litres capacity D560 profile mounted on left
- Main fuel tank: 255 litres capacity D560 profile mounted on left
- Main fuel tank: 315 litres capacity D560 profile mounted on left
- Main fuel tank: 220 litres capacity D560 profile mounted on left
- "Direct diesel fuel supply for ancillary equipment" adaptation
- Anti-siphoning device

## AdBlue

32-litre AdBlue tank

## STANDARD EQUIPMENT

Warning triangle.  
Windscreen washer bottle capacity: 12L

### OPTIONS

- Tool box on LHS chassis
- 125L tool box on chassis.
- Sharp angle protection.

## BODYWORK

Body mounting brackets front and rear.  
Bodybuilder access through bulkhead  
Orange LED side marker lights with reflector  
Provision for bodybuilder electronic box interface.



## OPTIONS

- Front and rear mounting brackets for flexible fitment
- Bodywork bracket mounting holes
- 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, 1-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 2-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 3-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 4-year prepaid subscription

- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 5-year prepaid subscription
- Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, 6-month 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
- 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
- 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 "Fuel Eco Optiroll" comprising:  
Cruise Control with Optiroll with steering wheel-mounted controls  
Automatic engine cut-off (3 min)  
Gearshifting strategy optimised for FUEL ECO  
Power mode inhibited after passing the 'hard spot' of the accelerator pedal
- Pack "Protect" comprising:  
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	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

## 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)
1	DRIVE AXLE RATIO 2.64	1CJ37	2.640	1000	4.27	34.90		
	DRIVE AXLE RATIO 2.85	1CJ36	2.850	1000	3.95	38.07		
	DRIVE AXLE RATIO 3.08	1CJ23	3.080	1000	3.66	41.67		
	DRIVE AXLE RATIO 3.36	1CJ21	3.360	1000	3.35	46.24		
	DRIVE AXLE RATIO 3.46	1CJ73	3.460	1000	3.26	47.93		
	DRIVE AXLE RATIO 3.52	1CJ20	3.520	1000	3.20	48.96		
	DRIVE AXLE RATIO 3.61	1CJ64	3.610	1000	3.12	50.53		
	DRIVE AXLE RATIO 3.76	1CJ63	3.760	1000	3.00	53.21		
	DRIVE AXLE RATIO 3.89	1CJ26	3.890	1000	2.90	55.61		
	DRIVE AXLE RATIO 4.11	1CJ35	4.110	1000	2.74	59.86		
	DRIVE AXLE RATIO 4.12	1CJ18	4.120	1000	2.74	60.05		
	DRIVE AXLE RATIO 4.35	1CJ27	4.350	1000	2.59	64.77		
	DRIVE AXLE RATIO 4.55	1CJ40	4.550	1000	2.48	69.13		
	DRIVE AXLE RATIO 4.62	1CJ25	4.620	1000	2.44	70.73		
	DRIVE AXLE RATIO 4.63	1CJ34	4.630	1000	2.43	70.96		
	DRIVE AXLE RATIO 4.67	1CJ70	4.670	1000	2.41	71.89		
	DRIVE AXLE RATIO 4.82	1CJ17	4.820	1000	2.34	75.49		
	DRIVE AXLE RATIO 5.29	1CJ33	5.290	1000	2.13	88.16		
	DRIVE AXLE RATIO 5.41	1CJ79	5.410	1000	2.08	91.82		
	DRIVE AXLE RATIO 5.43	1CJ29	5.430	1000	2.08	92.45		
	DRIVE AXLE RATIO 5.86	1CJ30	5.860	1000	1.92	107.66		
	DRIVE AXLE RATIO 6.17	1CJ32	6.170	1000	1.83	121.26		
	DRIVE AXLE RATIO 6.18	1CJ67	6.180	1000	1.82	121.75		
	DRIVE AXLE RATIO 6.31	1CJ31	6.310	1000	1.79	128.43		



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 5.12	1CJ28	5.120	1000	2.20	83.30		
12	DRIVE AXLE RATIO 2.64	1CJ37	2.640				1411.26	134
	DRIVE AXLE RATIO 2.85	1CJ36	2.850				1523.52	124
	DRIVE AXLE RATIO 3.08	1CJ23	3.080				1646.47	115
	DRIVE AXLE RATIO 3.36	1CJ21	3.360				1796.15	105
	DRIVE AXLE RATIO 3.46	1CJ73	3.460				1849.61	102
	DRIVE AXLE RATIO 3.52	1CJ20	3.520				1881.68	100
	DRIVE AXLE RATIO 3.61	1CJ64	3.610				1929.79	98
	DRIVE AXLE RATIO 3.76	1CJ63	3.760				2009.98	94
	DRIVE AXLE RATIO 3.89	1CJ26	3.890				2079.47	91
	DRIVE AXLE RATIO 4.11	1CJ35	4.110				2197.08	86
	DRIVE AXLE RATIO 4.12	1CJ18	4.120				2202.42	86
	DRIVE AXLE RATIO 4.35	1CJ27	4.350				2325.37	81
	DRIVE AXLE RATIO 4.55	1CJ40	4.550				2432.29	78
	DRIVE AXLE RATIO 4.62	1CJ25	4.620				2469.71	77
	DRIVE AXLE RATIO 4.63	1CJ34	4.630				2475.05	76
	DRIVE AXLE RATIO 4.67	1CJ70	4.670				2496.44	76
	DRIVE AXLE RATIO 4.82	1CJ17	4.820				2576.62	73
	DRIVE AXLE RATIO 5.29	1CJ33	5.290				2827.87	67
	DRIVE AXLE RATIO 5.41	1CJ79	5.410				2892.02	65
	DRIVE AXLE RATIO 5.43	1CJ29	5.430				2902.71	65
	DRIVE AXLE RATIO 5.86	1CJ30	5.860				3132.57	60
	DRIVE AXLE RATIO 6.17	1CJ32	6.170				3298.29	57
	DRIVE AXLE RATIO 6.18	1CJ67	6.180				3303.64	57
	DRIVE AXLE RATIO 6.31	1CJ31	6.310				3373.13	56
	DRIVE AXLE RATIO 5.12	1CJ28	5.120				2736.99	69

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

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

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