

LF 220

FA 4x2 rigid, 19t

Engines

LF 220 PX-7 (164 kW / 223 hp)
 LF 250 PX-7 (186 kW / 253 hp)
 LF 280 PX-7 (208 kW / 283 hp)
 LF 310 PX-7 (231 kW / 314 hp)

GVM

18000 kg
 Max. front¹⁾: 7500 kg
 Max. rear: 11500 kg

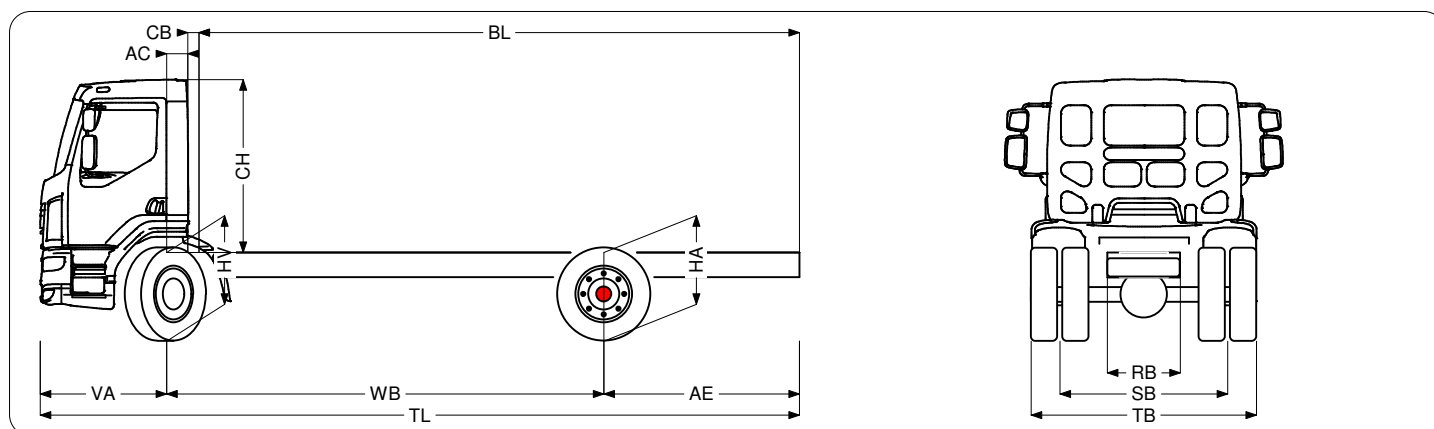
GCM

19000 kg



Wheelbase - AE		Unladen weight ²⁾			Gross Carrying Capacity			Variable dimensions									
WB	AE ³⁾	Front	Rear	Total	Front	Rear	Total	AC	CB ⁴⁾	CH ⁵⁾	BL ⁶⁾	BL ⁶⁾	TL	HA ⁷⁾	HA ⁸⁾	TK ⁹⁾	TW ¹⁰⁾
Day Cab																	
3.45	1.48	3103	1634	4737	4397	9866	13263	0.23	0.12	1.88	3.90	4.50	6.31	1.11	0.96	12.42	13.66
3.75	1.63	3113	1659	4772	4387	9841	13228	0.23	0.12	1.88	4.30	4.90	6.75	1.11	0.96	13.19	14.45
4.15	1.83	3119	1678	4797	4381	9822	13203	0.23	0.12	1.88	4.80	5.50	7.35	1.11	0.96	14.22	15.51
4.45	1.98	3130	1707	4837	4370	9793	13163	0.23	0.12	1.88	5.20	6.00	7.80	1.11	0.96	15.00	16.30
4.75	2.13	3130	1727	4857	4370	9773	13143	0.23	0.12	1.88	5.60	6.40	8.25	1.11	0.96	15.78	17.09
5.00	2.25	3145	1747	4892	4355	9753	13108	0.23	0.12	1.88	5.90	6.80	8.63	1.11	0.96	16.43	17.75
5.30	2.40	3146	1766	4912	4354	9734	13088	0.23	0.12	1.88	6.30	7.30	9.07	1.11	0.96	17.22	18.55
5.85	2.67	3191	1851	5042	4309	9649	12958	0.23	0.12	1.88	7.10	8.10	9.90	1.11	0.96	18.65	20.00
6.25	2.88	3202	1880	5082	4298	9620	12918	0.23	0.12	1.88	7.60	8.70	10.50	1.11	0.96	19.70	21.06
Sleeper Cab																	
3.45	1.48	3218	1654	4872	4282	9846	13128	0.63	0.07	1.88	3.20	3.80	6.31	1.11	0.96	12.42	13.66
3.75	1.63	3223	1679	4902	4277	9821	13098	0.63	0.07	1.88	3.60	4.30	6.75	1.11	0.96	13.19	14.45
4.15	1.83	3229	1698	4927	4271	9802	13073	0.63	0.07	1.88	4.20	4.90	7.35	1.11	0.96	14.22	15.51
4.45	1.98	3245	1722	4967	4255	9778	13033	0.63	0.07	1.88	4.60	5.40	7.80	1.11	0.96	15.00	16.30
4.75	2.13	3250	1742	4992	4250	9758	13008	0.63	0.07	1.88	5.00	5.80	8.25	1.11	0.96	15.78	17.09
5.00	2.25	3260	1762	5022	4240	9738	12978	0.63	0.07	1.88	5.30	6.20	8.63	1.11	0.96	16.43	17.75
5.30	2.40	3271	1776	5047	4229	9724	12953	0.63	0.07	1.88	5.70	6.60	9.07	1.11	0.96	17.22	18.55
5.85	2.67	3316	1861	5177	4184	9639	12823	0.63	0.07	1.88	6.50	7.50	9.90	1.11	0.96	18.65	20.00
6.25	2.88	3322	1890	5212	4178	9610	12788	0.63	0.07	1.88	7.00	8.10	10.50	1.11	0.96	19.70	21.06

Other dimensions	VA: 1.38	HV ¹¹⁾ : 1.02	HV ¹²⁾ : 0.91	RB: 0.79	SB: 1.82	TB: 2.45
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- 1) Axle load with standard tyre size.
- 2) Chassis and Cab Weight calculated with: Standard specification items only with 20 litres of fuel, 15 litres of AdBlue and driver of 0 kg, tolerance $\pm 3\%$. Changing of the specification can have major impact on vehicle weight.
- 3) Other AE dimensions may be available for shown WB. Modify rear overhang to the calculated body length.
- 4) CB is based on standard air intake and/or exhaust.
- 5) Cab height is measured from frame member to closed cabin roof hatch.

- 6) Calculate customer specific body length with TOPEC. Body lengths shown based on evenly distributed load at max axle load.
- 7) Unladen height at centre of driven axle(s).
- 8) Laden height at centre of driven axle(s).
- 9) TK = turning circle between kerbs.
- 10) TW = turning circle between walls.
- 11) Unladen height at centre of front axle(s).
- 12) Laden height at centre of front axle(s).

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Cab exterior

Day Cab with steel bumper, tinted glass and electric window openers. Main mirrors and wide angle mirrors electrically heated. Cab width 2130 mm; Front view mirror; Electrically adjustable mirrors.

Optional:

- Extended Day Cab
- Fog lights
- Sleeper Cab
- Fog lights and cornering lights
- Cab suspension mechanical reinforced

Aerodynamics

Optional:

- Side collars
- Various types of roofspoilers and settings
- Side collars prepared

Colours

Cab colour H3279 Brilliant White; Head lamp panel and bumper: Stone Grey; Chassis colour grey.

Optional:

- Head lamp panel and bumper: cab colour
- Various cab and chassis colours see colour guide

Cab interior

Driver seat: air suspended; Co-driver seat: fixed velour; Storage box on engine tunnel.

Optional:

- Air bag (driver) and 2 seat belt tensioners
- Lower bunk, normal level
- Steering wheel, black leather
- Auxiliary cab heater Air Top 2000
- Roof hatch, manual control
- Air conditioning
- Roof hatch, electric control
- Various types of drivers and co-drivers seats

Communication and driving management

FMS connector prepared; Tachograph digital, Stoneridge.

Optional:

- Various makes and types of audio equipment
- TruckPhone

Safety and security

Vehicle Stability Control (VSC); Basic engine immobiliser system.

Optional:

- Reverse warning
- Various packages of EC-ADR safety regulations

Suspension and axles

Front axle type 152N, 100 mm vertical offset. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 7.5 tonnes; Single reduction driven rear axle type SR1132 with parabolic leaf suspension, including shock absorbers and stabiliser. Max. load 11.5 tonnes.

Optional:

- Front axle load 5.00 t
- Rear springs air
- Rear axle SR1344
- Rear springs parabolic, asymmetric
- Rear axle load 10.00 t
- Rear springs parabolic, short
- Rear axle load 13.00 t

Wheels and tyres

Front axle 1: 295/80R22.5; Rear axle 1: 295/80R22.5; Wheel protection rings silvergrey.

Optional:

- Various tyre makes and types

Driveline

Engine PX-7, 6 cylinder diesel engine, 6.7 litres. Output 164 kW (223 hp) at 1800-2300 rpm. Max. torque 850 Nm at 1100-1800 rpm; Exhaust emission Euro 6; Manual gearbox, 6 speeds; Gearbox ratio 6.58-0.78; Rear axle ratio 5.13.

Optional:

- AS Tronic gearbox, 6 speeds
- Manual gearbox, 9 speeds
- Automatic gearbox, 5 speeds
- Gearbox direct drive

Brake system

Exhaust brake; DAF brake system.

Chassis

Wheelbase 4.75 m / rear overhang 2.13 m; Side member height 270 mm; DPF/SCR unit right, discharge right; Plastic fuel tank 200 l; Spray suppression; Front underrun protection (FUP); AdBlue tank 25 litres, right side chassis.

Optional:

- Spare wheel carrier right-hand side
- Rear light with LEDs

Drawbar and trailer equipment

Closing member.

Optional:

- Trailer coupling D= 7
- D-value cross member D=10
- D-value cross member D= 7.5

Bodies and preparations for bodying

Application connector on the cab front.

Optional:

- Application connector for hydraulic platform
- Application connector on the chassis
- Application connector for refuse collector
- Body attachment BAM 1, consoles type B
- Application connector for tail lift control

Power take-off (PTO)

Optional:

- Front engine PTO with generator preparation 17 kW
- Various types of PTO's / position combinations
- Front engine PTO with generator preparation 24 kW

Electrical power supply

Alternator 80 A, batteries 2x 125 Ah.

Optional:

- Alternator 100 A
- Batteries 2x175Ah

GVM and GCM

Technical GVM max 19000 kg; Technical GCM equal to GVM.

Optional:

- Technical GCM max 15500 kg
- Technical GCM max 28000 kg
- Technical GCM max 22500 kg
- Technical GCM max 32000 kg class 3
- Technical GCM max 26000 kg

Application conditions

Moisture separator, unheated; Air intake low.

Optional:

- Cold climate
- Air intake on the cab roof

Service and maintenance

Standard Warranty takes care of 1 year complete vehicle, 2nd year driveline and 1 year breakdown; ITS service.

Vehicle delivery

Standard toolkit.

Depending on the vehicle configuration a specific option may not be possible. The availability and specification of this vehicle may differ per country. For further information please contact the DAF organisation. Subject to modification without prior notice.