

Specification sheet



A **PICCAR** COMPANY

FA LF55 18t

4x2 rigid

Engines

LF55 18t.220; 165 kW
 LF55 18t.250; 184 kW
 LF55 18t.280; 210 kW

GVM¹⁾

18000 kg

Max. front³⁾: 6500 kg
 Max. rear⁴⁾: 9000 kg

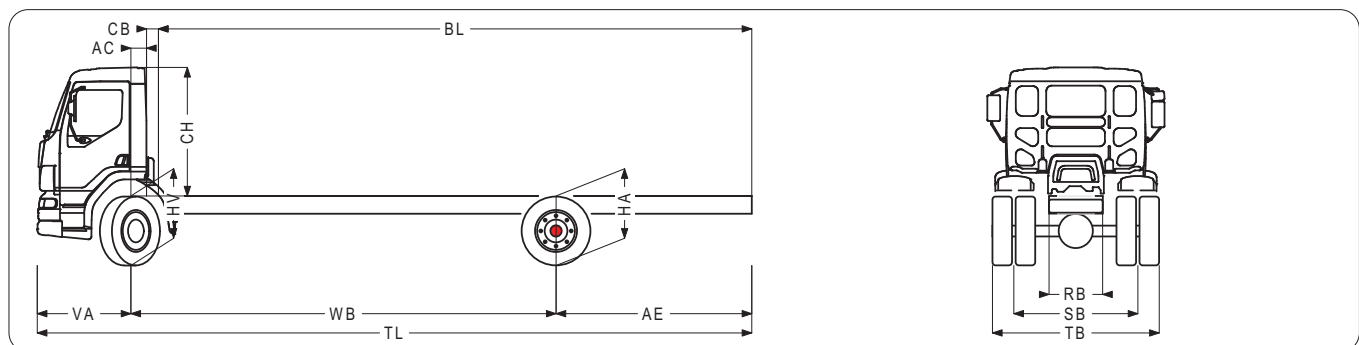
GCM²⁾

22500 kg



	Wheelbase - AE		Unladen weight ⁵⁾			Gross Carrying Capacity			Variable dimensions									
	WB	AE ⁶⁾	Front	Rear	Total	Front	Rear	Total	AC	CB ⁷⁾	CH ⁸⁾	BL ⁹⁾	BL ⁹⁾	TL	HA ¹⁰⁾	HA ¹¹⁾	TK ¹²⁾	TW ¹³⁾
Day	4.15	1.83	3040	1902	4942	2960	7098	10058	0.23	0.18	1.89	4.80	6.20	7.36	1.05	1.02	14.03	15.33
	4.75	2.13	3096	1906	5002	2904	7094	9998	0.23	0.18	1.89	5.70	7.10	8.26	1.05	1.02	15.56	16.89
	5.3	2.40	3155	1947	5102	2845	7053	9898	0.23	0.18	1.89	6.40	8.00	9.08	1.05	1.02	16.97	18.32
	5.85	2.68	3182	1950	5132	2818	7050	9868	0.23	0.18	1.89	7.20	8.90	9.90	1.05	1.02	18.39	19.75
	6.25	2.88	3205	1947	5152	2795	7053	9848	0.23	0.18	1.89	7.70	9.50	10.51	1.05	1.02	19.42	20.80
Sleeper	4.15	1.83	3195	1902	5097	2805	7098	9903	0.63	0.18	1.89	4.10	5.80	7.36	1.05	1.02	14.03	15.33
	4.75	2.13	3251	1906	5157	2749	7094	9843	0.63	0.18	1.89	5.00	6.70	8.26	1.05	1.02	15.56	16.89
	5.3	2.40	3310	1947	5257	2690	7053	9743	0.63	0.18	1.89	5.80	7.60	9.08	1.05	1.02	16.97	18.32
	5.85	2.68	3337	1950	5287	2663	7050	9713	0.63	0.18	1.89	6.50	8.50	9.90	1.05	1.02	18.39	19.75
	6.25	2.88	3360	1962	5322	2640	7038	9678	0.63	0.18	1.89	7.10	9.10	10.51	1.05	1.02	19.42	20.80

Other dimensions VA: 1.38 HV¹⁴⁾: 1.00 HV¹⁵⁾: 0.92 RB: 0.79 SB: 1.82 TB: 2.45



- 1) Based on standard Australian axle load limits
- 2) Higher on application
- 3) Based on Tyre and Rim Association Handbook
- 4) Based on Tyre and Rim Association Handbook
- 5) Chassis and Cab Weight calculated with: Standard specification items and empty fuel tank. With Sleeper Cab; + 155 kg at front.
- 6) Other AE dimensions may be available for shown WB. Modify rear overhang to the calculated body length.
- 7) CB is based on standard air intake and/or exhaust.
- 8) Cab height is measured from frame member to closed cabin roof hatch.
- 9) Calculate CUSTOMER SPECIFIC bodylengths with TOPEC
- 10) Unladen height at centre of driven axle(s).
- 11) TK = turning circle between kerbs (For comparison purposes only).
- 12) TW = turning circle between walls (For comparison purposes only).
- 13) Unladen height at centre of front axle(s).
- 14) Laden height at centre of front axle(s).
- 15) Laden height at centre of front axle(s).

FA LF55 18t

ENGINE

General:	6 cylinder, turbo intercooled
Piston displacement:	6.7 litres
Fuel injection:	Electronically controlled common rail
Type	GR 210
Maximum output	210kW / 280hp from 2100rpm on
Maximum torque	1020Nm at 1200 – 1800rpm
Options:	
- Type	GR 165
Maximum output	165kW / 220hp from 1900rpm on
Maximum torque	850Nm at 1200 – 1700rpm
- Type	GR 184
Maximum output	184kW / 250hp from 1900rpm on
Maximum torque	950Nm at 1200 – 1700rpm

CHASSIS

Completely flat-topped ladder type chassis frame; Riveted and bolted construction of channel-section main frame members and cross members; 430 litre aluminium fuel tank; Fuel tank height – 620 mm; 1x26 litre Adblue tank; Horizontal line type exhaust silencer inside the chassis frame; Spare wheel carrier with spare wheel; Dimensions main frame members: 260 x 75 x 6 mm; Spray suppression; Front Underrun protection (FUP); 6.25m wheelbase.

Options:

- Wheelbase: 4.15m, 4.75m, 5.30m, 5.85m

GEARBOX

9S8309: 9 speed Eaton gearbox

Options:

- 6S1000: 6 speed ZF gearbox
- 6AS1000: 6 speed, automated manual, ZF AS Tronic transmission
- 9S6309: 9 speed Eaton gearbox

	GR 165	GR 184	GR 210
9S6309-12.57/1.00	X	X	-
6S1000-6.58/0.78	X	X	X
6AS1000-6.75/0.78	X	X	X
9S8309-12.57/1.00	-	-	X

CLUTCH

Single type, pushed operation, asbestos free, dry plate, hydraulically operated and pneumatically assisted, electronically operated on AS Tronic.

Diameter: 395 mm

FRONT AXLE

Type: 152N
Max. design load: 7500 kg
I-section axle. Stub axles with needle bearings.

REAR AXLE

Type: SR 1132
Max. design load: 11500 kg
Single reduction driven axle.
Ratio: 4.1
Options:
- Lockable differential

FRONT SUSPENSION

Parabolic type leaf springs with swinging shackles at rear. Maintenance free construction including shock absorbers and stabilizer.

Spring dimensions: 2x1900x90x30 (7500 kg)

REAR SUSPENSION

4 bag air suspension. ECAS.

Options:

- Parabolic type leaf springs (11500 kg) with sliding ends at rear.

WHEELS AND TYRES

22.5" (10 stud 335 PCD) Silver steel disc wheels with 295 / 80 R 22.5 tubeless radial tyres at front and dual 295/80 R22.5 tyres at rear.

STEERING

Type: Hydraulic power steering with adjustable steering column for rake and height.

BRAKE SYSTEM

Dual-circuit air operated disc brakes at front and rear. Asbestos free brake pads.

Disc brake dimension: 432 x 45 mm

Emergency/parking brake with spring brake actuators on rear axles; Pneumatic operated exhaust brake (165kW at 3200rpm); ABS.

Options:

- ASR (Acceleration Slip Control)

ELECTRICAL EQUIPMENT

Voltage:	24 V
Alternator:	80 A
Batteries:	2 x 125 Ah
Starter Motor:	24 V

Rear light units: Incorporating direction indicator light, stop light, reversing light, side marker light and reflecto; Main switch with manual control near the battery box.

TRAILER EQUIPMENT

Optional.

CAB EXTERIOR

F213 tilt Day Cab with 4 point maintenance free suspension, hydraulic tilting gear; Tilting angle 55°; Heated main and wide angle mirrors for body width up to 2.50 m; Electric adjustable main mirrors and wide angle mirrors; Fixed, illuminated cab steps; Steel front bumper with foot hold; Rear window; Raised air intake; Combi lights, incorporating driving and fog lights in lower bumper.

Options:

- Sleeper Cab
- External sun visor
- Roof hatch
- Adjustable roof spoiler / side extenders
- Raised air intake (Sleeper cab)

COLOURS

Cab colour:	M8870 Ice White
Chassis colour:	Black
Mirror cover:	Black
Bumper colour:	Grey

Options:

Various non-standard and metallic cab and chassis colours, see colour guide.

CAB INTERIOR

High quality trim and upholstery in natural camel-grey colour; Cab floor cover includes easy-clean top layer in camel-grey; Cockpit style dashboard, including DIP (Driver Information Panel) and Adblue indicator; Adjustable luxury air suspended driver seat and fixed co-driver seat with head restraint; Various storage facilities including two cup holders, containers behind seat and overhead compartments; 4 spoke, soft grip steering wheel with integrated control switches; Electric window openers (driver and passenger); Cruise control; Personal road speed limiter; Black dashboard finish; Integrated 3-point seat belt; Air conditioning; Radio/CD/MP3 player with 2 speakers; Antennas: 1 x GSM; Remote control door lock.

Options:

- 3rd seat (Day Cab only)
- Driver luxury air / passenger dual mate
- SRS Air Bag
- Driver luxury air / passenger luxury dual mate
- Hands free telephone kit

LEGAL ASPECTS

- Exhaust Emission Euro 4
- ECE R29 Cab Certification
- ADR 83 Noise Certification
- Front Underrun Protection Certification

APPLICATION CONDITIONS

Raised air intake on cab roof; Reverse warning; Standard tool kit; Moisture separator.

MAX. SPEED

All vehicles are speed limited to 100km/h.

Depending on the vehicle configuration a specific option may not be possible. All weights and measurements should be regarded as approximat only. In the interests of product improvements, DAF Trucks Australia reserve the right to change these specifications without prior notice. For further information please contact DAF Trucks Australia.