

# Specification sheet

## FA LF45 12t

4x2 rigid

### Engines

LF45.220; 165 kW  
LF45.250; 184 kW

### GVM<sup>1)</sup>

12000 kg

Max. front<sup>3)</sup>: 4500 kg  
Max. rear<sup>4)</sup>: 8500 kg

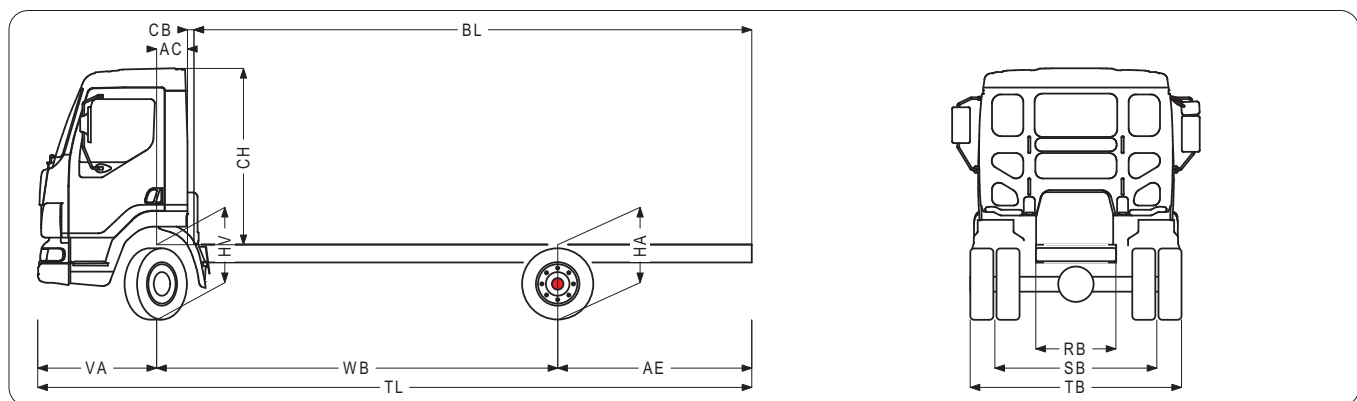
### GCM<sup>2)</sup>

18000 kg



Wheelbase - AE		Unladen weight <sup>5)</sup>			Gross Carrying Capacity			Variable dimensions										
	WB	AE <sup>6)</sup>	Front	Rear	Total	Front	Rear	Total	AC	CB <sup>7)</sup>	CH <sup>8)</sup>	BL <sup>9)</sup>	BL <sup>9)</sup>	TL	HA <sup>10)</sup>	HA <sup>11)</sup>	TK <sup>12)</sup>	TW <sup>13)</sup>
Day	3.55	1.87	2607	1050	3657	1893	7450	8343	0.33	0.07	1.89	4.60	5.20	6.70	0.83	0.81	11.50	13.00
	3.90	2.12	2626	1056	3682	1874	7444	8318	0.33	0.07	1.89	5.20	5.80	7.30	0.83	0.81	12.36	13.87
	4.30	2.32	2659	1098	3757	1841	7402	8243	0.33	0.07	1.89	5.80	6.40	7.90	0.83	0.81	13.34	14.87
	4.65	2.65	2667	1125	3792	1833	7375	8208	0.33	0.07	1.89	6.40	7.00	8.57	0.83	0.81	14.20	15.74
	5.00	2.72	2684	1128	3812	1816	7372	8188	0.33	0.07	1.89	6.90	7.60	8.99	0.83	0.81	15.06	16.61
Sleeper	3.55	1.87	2742	1050	3792	1758	7450	8208	0.73	0.07	1.89	3.90	4.90	6.70	0.83	0.81	11.50	13.00
	3.90	2.12	2761	1056	3817	1739	7444	8183	0.73	0.07	1.89	4.50	5.40	7.30	0.83	0.81	12.36	13.87
	4.30	2.32	2794	1098	3892	1706	7402	8108	0.73	0.07	1.89	5.10	6.00	7.90	0.83	0.81	13.34	14.87
	4.65	2.65	2807	1125	3932	1693	7375	8068	0.73	0.07	1.89	5.70	6.60	8.57	0.83	0.81	14.20	15.74
	5.00	2.72	2819	1128	3947	1681	7372	8053	0.73	0.07	1.89	6.30	7.20	8.99	0.83	0.81	15.06	16.61

Other dimensions VA: 1.27 HV<sup>14)</sup>: 0.79 HV<sup>15)</sup>: 0.71 RB: 0.86 SB: 1.74 TB: 2.26



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)  
12) TK = turning circle between kerbs (For comparison purposes only).  
13) TW = turning circle between walls (For comparison purposes only).  
14) Unladen height at centre of front axle(s).  
15) Laden height at centre of front axle(s).

# FA LF45 12t

## ENGINE

General:	6 cylinder, turbo intercooled
Piston displacement:	6.7 litres
Fuel injection:	Electronically controlled common rail
Type	GR 165
Maximum output	165kW / 220hp from 1900rpm on
Maximum torque	850Nm at 1200 – 1700rpm
Options:	
- 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; 168-litre steel fuel tank; Fuel tank height – 388 mm; 1x26 litre Adblue tank; Horizontal line type exhaust silencer inside the chassis frame; Spare wheel carrier with spare wheel; Dimensions main frame members: 192 x 66.5 x 4.5 mm; Spray suppression; Front Underrun Protection (FUP); 4.65m wheelbase.

Options:

- Wheelbase: 3.55m, 3.90m, 4.30m, 5.00m

## GEARBOX

6S800: 6 speed ZF gearbox

Options:

- 6AS1000: 6 speed, automated manual, ZF AS Tronic transmission

	GR 165	GR 184
6S800-6.58/0.78	X	X
6AS1000-6.75/0.78	X	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: F48

Max. design load: 4500 kg

I-section axle. Stub axle with needle bearings.

## REAR AXLE

Type: SR 8.20

Max. design load: 8500 kg

Single reduction driven axle

Ratio: 4.10

Options:

- Lockable differential

## FRONT SUSPENSION

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

Spring dimensions: 1x1900x75x34 (4500 kg)

## REAR SUSPENSION

Parabolic type leaf springs (8500 kg) with sliding ends at rear.

Options:

- 2-bag air suspension

## WHEELS AND TYRES

17.5" x 6.75 (8 stud) steel disc wheels, with 245 / 70 R 17.5 tubeless radial tyres at front and rear; Twin wheels at rear; Spare wheel with tyre.

## 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: 330 x 34 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 reflector; 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.

Options:

- Sleeper Cab
- External sun visor
- Roof hatch
- Adjustable roof spoiler / side extenders
- Raised air intake (Sleeper cab)
- Combi lights, incorporating driving and fog lights in lower bumper

## 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:

- SRS Air Bag
- Driver luxury air / passenger dual mate
- 3rd seat (Day Cab only)
- 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 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 measures should be regarded as approximate 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.