

FAD CF85

8x4 Rigid

Engines

CF85.360; 265 kW
 CF85.410; 300 kW
 CF85.460; 340 kW

GVM¹⁾

34000kg
 Max. front³⁾: 15000 kg
 Max. rear: 18100 kg

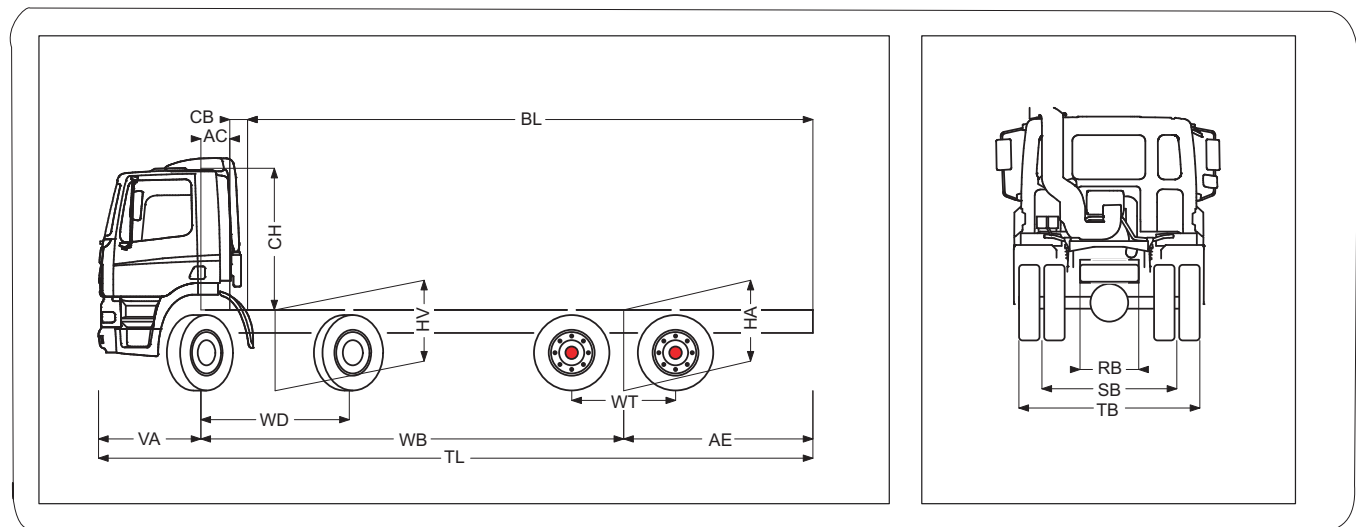
GCM²⁾

58000 kg



Wheelbase - AE		Unladen weight ⁴⁾			Gross Carrying Capacity			Variable dimensions									
Day	WB	AE	Front	Rear	Total	Front	Rear	Total	AC	CB	CH ⁵⁾	BL ⁶⁾	TL	HA ⁷⁾	HA ⁸⁾	TK ⁹⁾	TW ¹⁰⁾
	5.675	2.00	6160	2640	8800	8840	15460	24300	0.39	0.24	1.91	7.80	9.63	1.17	1.12	20.11	21.49
	5.975	2.25	6210	2710	8920	8790	15390	24180	0.39	0.24	1.91	8.30	10.33	1.17	1.12	20.80	22.40
6.375	3.70	6270	2780	9050	8730	15320	24050	0.39	0.24	1.91	8.80	10.73	1.17	1.12	22.14	23.54	
Sleeper	WB	AE	Front	Rear	Total	Front	Rear	Total	AC	CB	CH ⁵⁾	BL ⁶⁾	TL	HA ⁷⁾	HA ⁸⁾	TK ⁹⁾	TW ¹⁰⁾
	5.675	2.00	6255	2640	8895	8745	15460	24205	0.82	0.24	1.91	7.00	9.63	1.17	1.12	20.11	21.49
	5.975	2.25	6305	2710	9015	8695	15390	24085	0.82	0.24	1.91	8.30	10.33	1.17	1.12	20.80	22.40
6.735	3.70	6365	2780	9145	8635	15320	23955	0.82	0.24	1.91	8.00	10.73	1.17	1.12	22.14	23.54	

Other dimensions VA: 1.38 HV¹¹⁾: 1.17 HV¹²⁾: 1.13 RB: 0.86 SB: 1.82 TB: 2.45 WD: 2.00 WT: 1.40



1) GVM in conformity with registration documents.
 2) GCM in conformity with registration documents.
 3) Axle load with standard tyre size.
 4) Chassis and Cab Weight calculated with: Standard specification items and empty fuel tank. With Sleeper Cab; + 105 kg at front; Roof kit with extenders +73kg.
 5) Other AE dimensions may be available for shown WB. Modify rear overhang to the calculated body length.
 6) CB is based on standard air intake and/or exhaust.
 7) Cab height is measured from frame member to closed cabin roof hatch. With air intake on cab roof: +0.14m.
 8) Calculate customer specific BL with TOPEC.
 9) Unladen height at centre of driven axle(s).
 10) Laden 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).

FAD CF85

ENGINE

PACCAR	6 cylinder, turbo intercooled
Piston displacement	12.9 litres
Compression ratio	16.4 to 1
Fuel injection	Electronically controlled
Type	MX 300
Max output	300kW / 410hp at 1500-1900rpm
Max torque	2000Nm at 1000-1410rpm
Options:	
- Type	MX 265
Max output	265kW / 360hp at 1500-1900rpm
Max torque	1775Nm at 1000-1410rpm
- Type	MX 340
Max output	340kW / 462hp at 1500-1900rpm
Max torque	2300Nm at 1000-1410rpm

CHASSIS

Completely flat topped chassis frame; Riveted and bolted construction of channel-section main frame members and cross members; 1 x 430 litre aluminium fuel tank; Fuel tank height – 620 mm; 1x40 litre Adblue tank; Horizontal box type silencer at RHS with vertical pipe; Spray suppression behind steer tyre; Front underrun protection system (FUPS) on 152N front axle only; Dimensions main frame members: 310 x 75 x 6 mm with inner reinforcement (position and length depending on WB/AE); 5.675m wheelbase.

Options:

- 340 litre aluminium fuel tank - 2 x 430 litre aluminium fuel tanks
- Wheelbase – 5.975, 6.375m - Vertically mounted exhaust muffler/catalyser
- Spare wheel carrier with spare wheel (only with single fuel tank)

GEARBOX

ZF AS Tronic - 12-speed overdrive automated gearboxes with oil cooler.

Options:

Eaton Transmission – 18-speed overdrive manual gearbox with oil cooler

	MX 265	MX 300	MX340
12AS1930-12.33/0.78	X	-	-
12AS2130-12.33/0.78	-	X	-
12AS2330-12.33/0.78	-	-	X
RTLO18918-14.40/0.73	-	X	-
RTLO20918-14.40/0.73	-	-	X

CLUTCH

AS Tronic: Single type, pushed operation, asbestos free, dry plate, electronically operated, self adjusting servo.

Diameter: 430mm with torsional damper

Eaton: Adjustable ZF Sachs twin disc coupling with ceramic plate and clutch brake

Diameter: 15.5"

FRONT AXLE

Type: 2x152N

Max. design load: 7500 kg.

I-section axle. Stub axles with needle bearings.

Options:

- 156N / 7500 kg straight axle - 186N / 9000 kg straight axle

REAR AXLE

Type: Meritor MT23-165

Max. design load: 20900 kg.

Double drive tandem axle with spiral bevel gearing. Lockable inter axle and cross axle differentials.

Ratio: 3.91

FRONT SUSPENSION

Parabolic type leaf springs with shackled ends at rear – maintenance free

Shock absorbers and stabiliser bar.

Spring dimensions: 1x1800x80x31 + 1x1800x80x32 mm (7500kg)

1x1800x80x31 + 1x1800x80x29 mm (9000kg)

REAR SUSPENSION

Airglide 200 8 bag air suspension with shock absorbers and stabiliser bars;

Aluminium pedestals.

Max. design load: 18100 kg

WHEELS AND TYRES

22.5" (10 stud 335 PCD) Alcoa aluminium satin disc wheels with 295 / 80 R 22.5 tubeless radial tyres at front and dual 11 R22.5 tyres at rear

Options:

- Alcoa polished wheels - Steel disc wheels - silver
- Wheel protection rings

STEERING

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

BRAKE SYSTEM

Dual circuit air operated drum brakes on rear axles with automatic slack adjusters; Front axle air operated disc brakes with wear indicator on instrument panel.

Disc Brake dimensions: 430 x 45 mm

Drum Brake dimensions: 20 x 180 mm

EBS (Electronic Braking System incorporating ABS); Emergency/parking brake with spring brake actuators on rear axles; MX Engine Brake and exhaust brake (retardation power 320kW at 2100rpm); ASR (Acceleration Slip Control).

Options:

- ZF intarder only with AS Tronic (retardation power 420kW)

ELECTRICAL EQUIPMENT

Voltage: 24 V

Alternator: 80 A

Batteries: 2 x 175 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 located near the battery box; Reverse warning alarm.

TRAILER EQUIPMENT

Trailer brake connectors: 2-line to rear of chassis

Trailer light connectors: 24V

CAB EXTERIOR

F230 tilt Day Cab with 4 coil spring suspension and hydraulic tilting device; Tilting angle 57.5°; Fixed, illuminated cab steps; Manually controlled roof hatch; Heated and electrically adjustable main and wide angle mirrors; Steel front bumper with foot hold; Combi lights, incorporating driving and fog lights in lower bumper; External sun visor; Corner air deflectors; Side collars; Air horns; Rear window.

Options:

- Sleeper cab - Space cab
- Side window - Air horns (Dual Set)
- Adjustable roof spoiler - Remote hatch control (Space cab only)

COLOURS

Cab colour: M8870 Ice White

Chassis colour: Black

Mirror cover and bumper colour: Cab colour

Options:

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

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; Wood structure 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:

- Hands free telephone kit - Passenger luxury air seat
- 3rd seat (day cab only) - Driver's seat arm rest (only with AS Tronic)
- Leather finish steering wheel - Black dashboard finish
- Automatic temperature control - Lane departure warning signal
- Additional upper bunk -Bunk with sleeper cab (height depending on (only with space cab) refrigerator and storage boxes)
- FMS connector prepared - Refrigerator (not available with day cab or (Fleet Management System) rear window)
- SRS drivers air bag with seat belt pretensioner on driver and passenger seat

POWER TAKE OFF (PTO)

Engine speed control connector; PTO prepared.

Options:

- Various types of PTOs / position combinations – refer DTA

LEGAL ASPECTS

- Exhaust Emission Euro 4

- ADR 83 Noise Certification

- ECE R29 Cab Certification

- Front Underrun Protection Certification (152N front axle only)

APPLICATION CONDITIONS

Cyclonic air intake on cab roof; Standard tool kit; Fuel water separator.

Options:

- Cyclonic air intake LHS behind cab.

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 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.