

FTT CF85.410

6x4 Prime mover

Engines

CF85.410; 300 kW

GVM¹⁾

24,600 kg

GCM²⁾

50,000 kg

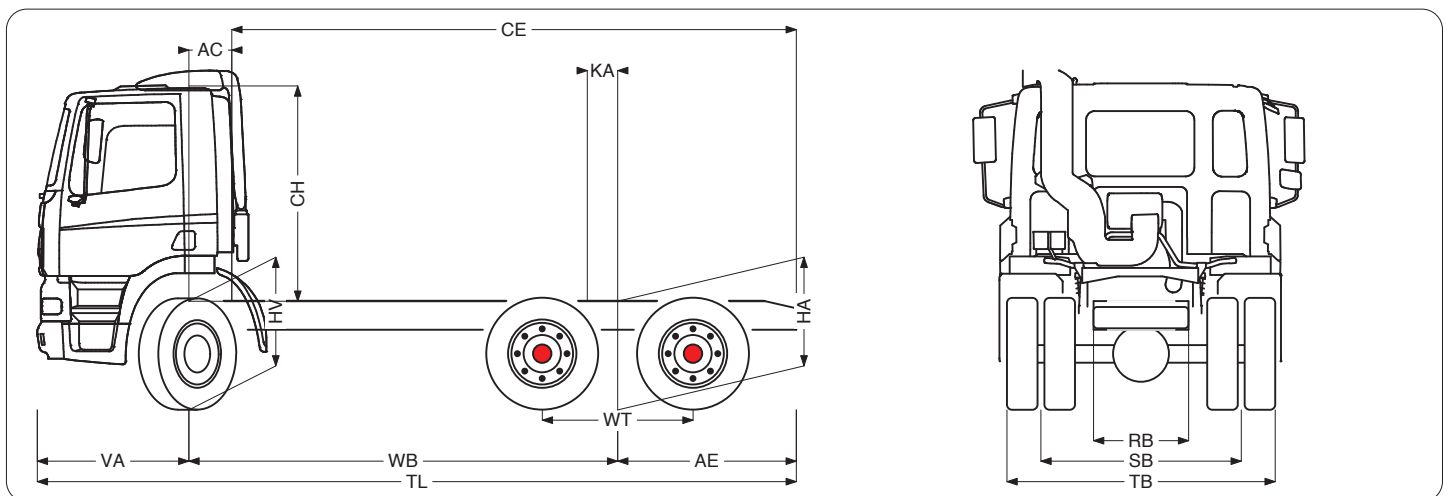
Max. front³⁾: 6500 kg

Max. rear: 18100 kg



Day	Wheelbase - AE		Unladen weight ⁴⁾			Gross Carrying Capacity			Variable dimensions									
	WB	AE	Front	Rear	Total	Front	Rear	Total	AC	CE	CH ⁵⁾	KA ⁶⁾	KA ⁶⁾	TL	HA ⁷⁾	HA ⁸⁾	TK ⁹⁾	TW ¹⁰⁾
	3.90	1.63	4500	3100	7600	2000	15000	17000	0.39	5.14	1.96	0.44	0.44	6.91	1.01	0.99	13.60	15.03

Other dimensions	VA: 1.38	WT: 1.37	HV ¹¹⁾ : 0.98	HV ¹²⁾ : 0.94	RB: 0.86	SB: 1.82	TB: 2.44
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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.

5) Cab height is measured from frame member to closed cabin roof hatch. With air intake on cab roof: +0.14 m.

6) Calculate customer specific KA with TOPEC.

7) Unladen height at centre of driven axle(s).

8) Laden height at centre of driven axle(s).

9) TK = turning circle between kerbs (For comparison purposes only).

10) TW = turning circle between walls (For comparison purposes only).

11) Unladen height at centre of front axle(s).

12) Laden height at centre of front axle(s).

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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

CHASSIS

Completely flat topped chassis frame; Riveted and bolted construction of channel-section main frame members (tapered at the rear end) and cross members; 1x430 + 1x340 litre aluminium fuel tanks; Fuel tank height – 620 mm; 1x50 litre Adblue tank; Horizontal box type silencer at RHS with vertical pipe; Spray suppression behind steer tyre; Front underrun protection system (FUPS); Main frame members with angle sections for mounting of fifth wheel at 50mm even spacing; Dimensions main frame members: 260 x 75 x 7 mm with inner reinforcement; 3.90m wheelbase; Catwalk and step.

GEARBOX

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

Options:

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

	MX 300
12AS2130-12.33/0.78	X
RTLO18918-14.40/0.73	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:	152N
Max. design load:	7500 kg.

I-section axle. Stub axles with needle bearings.

REAR AXLE

Type:	Meritor MT21-144
Max. design load:	18100 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 + 1x1800x80x28 mm (7500 kg)

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) Silver steel disc wheels with 295 / 80 R 22.5 tubeless radial tyres at front and dual 11 R22.5 tyres at rear.

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:	420 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 mounted on c-channel. Main switch with manual control located near the battery box; Reverse warning alarm.

TRAILER EQUIPMENT

Semi trailer brake connectors:	2-line with suzi couplings 5-pole (12V) connector for ABS
Semi trailer light connectors:	Two 7-pole connectors (12 V, 24 V)
Adaptor:	Voltage reducer: 24 V – 12 V

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; Rear worklamp; External sun visor; Corner air deflectors; Side collars; Air horns; Rear window.

COLOURS

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

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.

Options:

- SRS drivers air bag with seat belt pretensioner

POWER TAKE OFF (PTO)

Engine speed control connector; PTO prepared.

LEGAL ASPECTS

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

APPLICATION CONDITIONS

Air intake with cyclonic pre-filter behind the cab; Standard tool kit; Fuel water 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 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.