

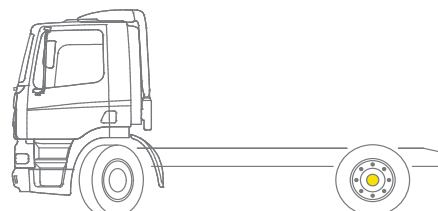
# FT CF85

4X2 PRIME MOVER

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## AT A GLANCE

GVM:	17400 kg
GCM:	45000 kg
Max Output:	Up to 460 hp at 1500-1900 rpm
Max Torque:	Up to 2300 Nm at 1000-1410 rpm



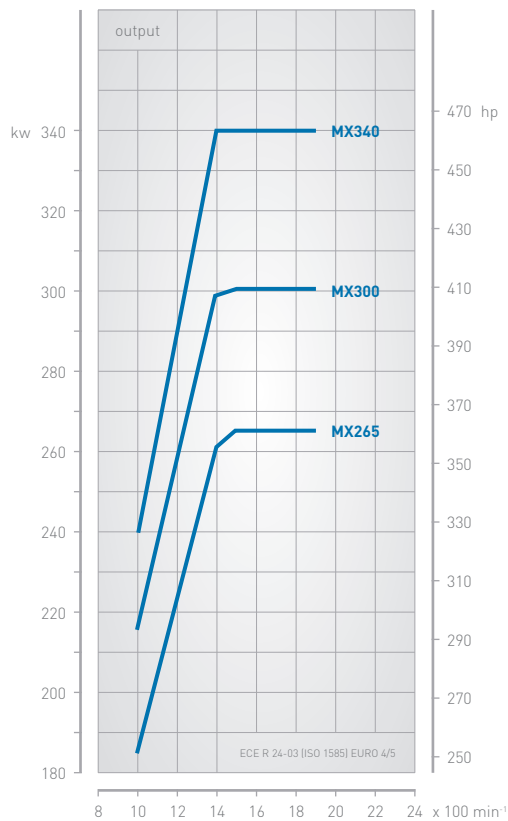
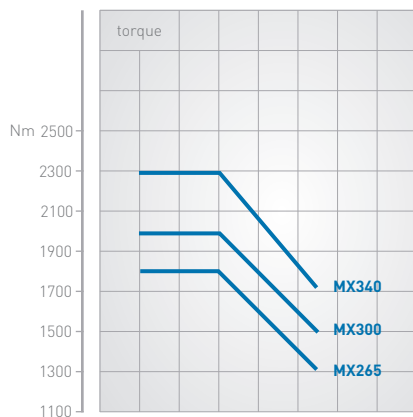
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**DAF**  
A PACCAR COMPANY

# SPECIFICATIONS

## PACCAR MX ENGINE

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



## 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 litre aluminium fuel tank; Fuel tank height – 620 mm; 1x75 litre Adblue tank (50 litre with spare wheel carrier); Horizontal box type silencer at RHS with vertical pipe; Spray suppression behind steer tyre; Front underrun protection system (FUPS); Catwalk and step; Main frame members with angle sections for mounting of fifth wheel at 50mm even spacing; 3.6m wheel base; Dimensions main frame members: 260 x 75 x 6 mm or 260 x 75 x 7 mm with front inner reinforcement.

### Options:

- Wheel base - 3.25 m, 3.8 m
- 340 litre aluminium fuel tank
- 1 x 750 and 1 x 430 litre aluminium fuel tanks

## GEARBOX

ZF AS Tronic 12-speed direct automated gearboxes with oil cooler.  
Options:- Eaton Transmission 18-speed overdrive manual gearbox with oil cooler.

	MX 265	MX 300	MX340
12AS1930-15.86/1.00	X	-	-
12AS2130-15.86/1.00	-	X	-
12AS2330-15.86/1.00	-	-	X
RTL018918-14.40/0.73	-	X	-
RTL020918-14.40/0.73	-	-	X

## CLUTCH

AS Tronic:	Single type, pushed operation, asbestos free, dry plate, electronically operated, self adjusting servo
Diameter:	430 mm 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:	SR 1347
Max. design load:	13000 kg
Single reduction driven axle with diff lock.	
Ratios:	2.93, 2.69, 3.07, 3.31

## FRONT SUSPENSION

Parabolic type leaf springs with shackled ends at rear – maintenance free. Shock absorbers and stabiliser bar.

Spring dimensions: 1x1800x80x28 + 1x1800x80x30 mm (7500 kg)

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## REAR SUSPENSION

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DAF 4 bag ECAS (Electronically Controlled Air Suspension); Shock absorbers and stabilizer bar; Axle load monitoring.

Max. design load: 13000 kg

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## WHEELS AND TYRES

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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
  - Wheel protection rings
  - Steel disc wheels - silver
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## STEERING

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

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## COLOURS

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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 available. Ask your local dealer for a colour guide
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## BRAKE SYSTEM

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Dual circuit air operated disc brakes with wear indicators at front and rear.

Disc Brake dimensions: 430 x 45 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 320 kW at 2100 rpm); ASR (Acceleration Slip Control).

### Options:

- Vehicle stability control (VSC)
  - ZF intarder only with AS Tronic (retardation power 420 kW)
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## ELECTRICAL EQUIPMENT

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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; Reverse warning alarm.  
Battery Isolation: Main switch with manual control located near the battery box.

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## TRAILER EQUIPMENT

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

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## CAB EXTERIOR

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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.

### Options:

- Sleeper cab
  - Side window
  - Adjustable roof spoiler
  - Space cab
  - Air horns (dual set)
  - Remote hatch control (Space cab only)
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## CAB INTERIOR

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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 airsuspended 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; FMS connector prepared (Fleet Management System)

### Options:

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

\* Subject to phone compatibility

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## POWER TAKE OFF (PTO)

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Engine speed control connector; PTO prepared.

### Options:

- Various types of PTOs / position combinations – refer to DAF Trucks Australia
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## LEGAL COMPLIANCE

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- Exhaust Emission Euro 5 ADR80-03
  - ECE R29 Cab Certification
  - ADR 83 Noise Certification
  - Front Underrun Protection Certification
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## APPLICATION CONDITIONS

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

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## MAX. SPEED

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All vehicles are speed limited to 100 km/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.*

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# SPECIFICATIONS - Safety & Technology

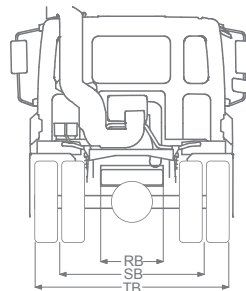
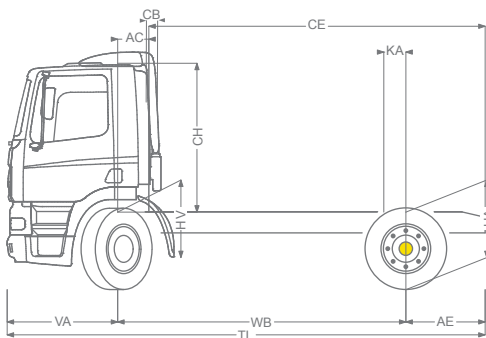
## SCR - Selective Catalytic Reduction

DAF uses SCR technology – Selective Catalytic Reduction. This SCR technology offers an effective solution to comply with the strict European Euro 5 emission requirement. SCR technology is simple, reliable and efficient.

SCR is an after-treatment system applied to all current PACCAR Euro 5 engines, and is used in conjunction with an advanced high-pressure fuel injection system.

EBS	VISION	DRIVERS SUPPORT SYSTEMS	PASSIVE SAFETY SYSTEMS
<ul style="list-style-type: none"> <li>• Anti-lock Braking System (ABS)</li> <li>• Anti-Slip Control (ASR)</li> <li>• Brake assist</li> <li>• Drag torque control</li> <li>• Hill-start aid</li> </ul>	<ul style="list-style-type: none"> <li>• Front, side and rear view camera systems</li> <li>• Front and side view mirrors</li> <li>• HID headlights</li> </ul>	<ul style="list-style-type: none"> <li>• Adaptive Cruise Control (ACC)</li> <li>• Forward Collision Warning (FCW)</li> <li>• Lane Departure Warning System (LDWS)</li> <li>• Vehicle Stability Control (VSC)</li> <li>• Axle Load Monitoring (ALM)</li> </ul>	<ul style="list-style-type: none"> <li>• Seat belt reminder</li> <li>• Airbag and seat belt pre-tensioners</li> <li>• Front, side and rear under-run protection</li> </ul>

## SPECIFICATIONS - Technical



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. Cab height is measured from frame member to closed cabin roof hatch. With air intake on cab roof: +0.14m.
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).
13. CB is based on standard intake and/or exhaust.

	Wheelbase - AE		Unladen weight <sup>4)</sup>			Gross Carrying Capacity			Variable dimensions								
	WB	AE	Front	Rear	Total	Front	Rear	Total	AC	CE	CH <sup>5)</sup>	KA <sup>6)</sup>	TL	HA <sup>7)</sup>	HA <sup>8)</sup>	TK <sup>9)</sup>	TW <sup>10)</sup>
DAY	3.25	0.84	4605	1945	6550	1895	8955	10850	0.39	3.70	1.86	0.70	5.47	0.99	0.96	11.91	13.32
	3.60	0.99	4610	1990	6600	1890	8910	10800	0.39	4.20	1.86	0.57	5.97	0.99	0.97	12.81	14.24
	3.80	0.99	4620	1970	6590	1880	8930	10810	0.39	4.40	1.86	0.83	6.17	0.99	0.96	13.33	14.77
SLEEPER	3.25	0.84	4700	1945	6645	1800	8955	10755	0.82	3.27	1.86	0.68	5.47	0.99	0.96	11.91	13.32
	3.60	0.99	4705	1990	6695	1795	8910	10705	0.82	3.77	1.86	0.76	5.97	0.99	0.96	12.81	14.42
	3.80	0.99	4715	1970	6685	1785	8930	10715	0.82	3.97	1.86	0.80	6.17	0.99	0.96	13.33	14.77

<b>Other dimensions</b>	VA: 1.38	HV <sup>11)</sup> : 0.97	HV <sup>12)</sup> : 0,94	RB: 0.79	SB: 1.82	TB: 2,44	CB: 0.24
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## WARRANTY

### NON-DRIVELINE

- 3 year / unlimited kms

### DRIVELINE

- 36 months / 750,000 kms\*

\* Whichever occurs first

For full warranty details, please contact your local DAF dealer.

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