

Specification sheet

XD 220

FA 4X2 Rigid, Electric



ENGINES

XD Electric 170 PACCAR EX-D1 (170 kW / 210 kWh | 315 kWh | 420 kWh | 525 kWh)

XD Electric 220 PACCAR EX-D1 (220 kW / 315 kWh | 420 kWh | 525 kWh)

XD Electric 270 PACCAR EX-D1 (270 kW / 315 kWh | 420 kWh | 525 kWh)

XD Electric 270 PACCAR EX-D2 (270 kW / 315 kWh | 420 kWh | 525 kWh)

XD Electric 310 PACCAR EX-D2 (310 kW / 420 kWh | 525 kWh)

XD Electric 350 PACCAR EX-D2 (350 kW / 420 kWh | 525 kWh)

GVM¹⁾

18000 kg

Max. front 8000 kg

Max. rear 11500 kg

GCM²⁾

21500 kg

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DAF Trucks Ltd, UK, Haddenham, HP17 8LJ, www.daf.co.uk

CAB EXTERIOR

Luxurious Day Cab with unrivalled aerodynamics for fuel efficient driving and low CO2 emissions. The huge and deep frontscreen, curved at the sides combined with large side windows offer an unsurpassed direct view for the driver, to enhance road safety. Cab length: 2030 mm; cab width: 2500 mm.; Cab suspension mechanical; LED head lights; DAF Corner View.

Optional

07018 Sleeper Cab	01836 LED Skylights
06244 Sleeper High Cab	00949 LED Skylights; aux. LED lights on cab rf, prepared
02889 Chassis front execution: no bottom plate	01925 Two LED work lamps for cab rear wall
02952 Chassis front execution: bottom plate aero	01891 Hazard beacons on cab front, prepared
07586 Chassis front execution: robust	06629 Two hazard beacon lights
01226 Cab suspension air	03232 Front windscreen with solar control foil
03358 External sun visor	03317 Rear window: double glass
03922 Fog lights front	07343 Kerb view window co-driver door
00936 Auxiliary LED lights on cab roof, prepared	01362 DAF Digital Vision System

AERODYNAMICS

Optional

00008 Adj. roof air deflector short Sleeper High Cab	00082 Adj. roof air deflector for Day Cab
00124 Adj. rf air defl.long mid >4m(!) Sleeper High Cab	00097 Adj. roof air deflector for Sleeper Cab
01538 Adj. roof air defl. long high >4m(!) Sleeper High	00020 Adj. roof air deflector long low Sleeper High Cab
02662 Adj. roof air defl. long mid XD Sleeper High Cab	

COLOURS

Cab colour E1980 Crystal White; Chassis colour grey.; Colour of bumper: Crystal White.

CAB INTERIOR

Cab interior trim colour: Luxury; Dashboard finish: Vision; Cab interior decoration: Hexagon; Driver seat: Comfort Air; Co-driver seat: cinema with fabric cover; No dashboard table; Storage compartment in centre; Automatic Temperature Control and airco; Auxiliary cab heater (water).

Optional

02354 Steering wheel with silver accents	02117 Third seat
02355 Steering wheel, leather	02837 Dashboard table
02353 Cab interior decoration: Argenta	03948 Single drawer
02350 Cab interior decoration: Natura	03954 Refrigerator
07733 Driver seat: Luxury Air	02838 Foam mattress for lower bunk
07736 Driver seat: Super Air	02854 Xtra Comfort mattress for lower bunk
07737 Driver seat: Xtra Leather Air	01775 Xtra Comfort mattress with topper for lower bunk
09541 Arm rest driver seat	06970 Automatic Cab Climate Control
01740 Arm rest at both sides of the driver seat	

COMMUNICATION AND DRIVING MANAGEMENT

PACCAR Connect; Tachograph digital, Stoneridge 1C version G2V2; Speed limiter setting 85/90 km/h; DAF Infotainment Luxury with Luxury speakers; Adaptive Cruise Control with FCW and AEBS-3; Driver Performance Assistant.

Optional

09681 Preparation for Maut	03470 DAF Infotainment System: Exclusive, prepared
06211 DAF Infotainment System with FM/DAB/DAB+ radio	01915 DAF Infotainment System: Luxury Plus

SAFETY AND SECURITY

Lane Departure Warning System; Vehicle Stability Control (VSC); Basic engine immobiliser system; No EC-ADR packages; DAF Side & Turn Assist.

Optional

08631 Air bag (driver) and 2 seat belt tensioners
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SUSPENSION AND AXLES

Front: 8.00 t, parabolic, 163N; Rear axle load 13.00 t; Rear: air suspension, SR1344; No lifting device.

Optional

06257 Front axle load 9.00 t	04647 Front springs air
06095 Front axle load 10.00 t	08191 Axle load monitoring

WHEELS AND TYRES

Driven rear axle(s): 315/70R22.5; F1,315/70R22.5GO FMXSE 156/150 L Steering BBA 3P; R1,315/70R22.5GO FMXDE 154/150 L Traction BBA 3P.

Optional

16152 Tyre makes and types

DRIVELINE

Electric motor type EX-D1; 220 kW; 150 kW DC charging; Battery Electric Vehicle; Rear axle ratio 2.05.

Optional

01656 Electric motor type EX-D2	01749 Charging: 150 kW DC + 22 kW AC
01664 170 kW	01756 325 kW DC charging
01686 270 kW	01514 Urge-to-move
01691 310 kW	02843 Mechanical differential lock
01692 350 kW	

BRAKE SYSTEM

Ventilated disc brakes front and rear. Dual circuit air system with electronic control (EBS). Electric driven, water cooled air compressor with automatic air heated dryer..

Optional

04901 Spring brake cylinders on the first front axle

CHASSIS

Wheelbase 4.30 m / rear overhang 1.80 m; Side member height 260 mm; Standard component location; 3 HV battery packs; HV battery pack left, position 2; HV battery pack right, position 2; Front underrun protection (FUP); Spray suppression.

Optional

- | | |
|---|--|
| 02601 Side member height 310 mm | 01762 HV battery packs left, positions 2 and 3 |
| 01696 2 HV battery packs | 01779 HV battery pack right, position 1 |
| 01699 4 HV battery packs | 01791 HV battery packs right, positions 1 and 2 |
| 01701 5 HV battery packs | 01799 HV battery packs right, positions 2 and 3 |
| 01634 HV battery pack left, position 1 | 01658 No HV battery packs right |
| 01759 HV battery packs left, positions 1 and 2 | 16157 Fuel tanks, material and sizes |

DRAWBAR AND TRAILER EQUIPMENT

Closing member D-value = 0kN.

Optional

- | | |
|--|--|
| 07033 Trailer coupling Ringfeder D=13.7 | 08027 Trailer coupling Rockinger D=20.0 |
| 07034 Trailer coupling Ringfeder D=20.0 | 04659 Trailer cable EBS |
| 08026 Trailer coupling Rockinger D=13.0 | |

BODIES AND PREPARATIONS FOR BODYING

Application connector chassis.

Optional

- | | |
|--------------------------------------|------------------------------------|
| 09421 Additional spare wiring | 08121 Tail lift application |
|--------------------------------------|------------------------------------|

POWER TAKE-OFF (PTO)

Optional

- | | |
|---|---|
| 01809 E-PTO socket 650V DC < 25 kW | 01815 E-PTO socket 650V DC < 60 kW |
|---|---|

24V POWER SUPPLY

Batteries 2x 175 Ah..

Optional

- | | |
|---|--------------------------------|
| 07671 Batteries 2x210Ah AGM C-type | 06440 Batteries 2x230Ah |
|---|--------------------------------|

GVM AND GCM

Chassis weight related technical GVM max 20500 kg; Driveline related max GCM 21500 kg.

Optional

- | | |
|---|---|
| 01933 Driveline related max GCM 42000 kg | 02200 Driveline related max GCM 46000 kg class 2 |
| 01937 Driveline related max GCM 46000 kg | 03675 Driveline related max GCM 50000 kg class 3 |

APPLICATION CONDITIONS

Optional

- | | |
|-----------------------------------|---------------------------------------|
| 02260 Extra cab insulation | 06614 Anti-dust blow-up shield |
|-----------------------------------|---------------------------------------|

SERVICE AND MAINTENANCE

Standard Warranty takes care of 1 year complete vehicle as supplied by the OEM (excl. real wear parts), 2nd year driveline and 1st year breakdown.; ITS service.

VEHICLE DELIVERY

Minimum toolkit.

Optional

- | |
|---------------------------|
| 07569 Lifting jack |
|---------------------------|

OPTION PACKAGES

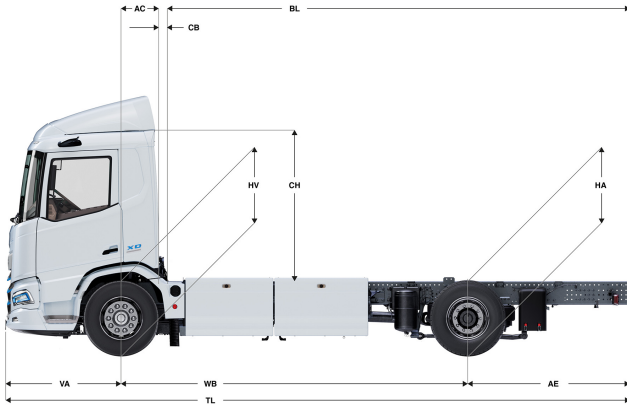
Optional

- | | |
|--------------------------|-----------------------------------|
| 17448 Safety pack | 17595 Executive Pack XD/XF |
|--------------------------|-----------------------------------|

Go to [DAF.com](https://www.daf.com) to configure your own perfect DAF.

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FA 4X2 Rigid, Electric



	Wheelbase - AE		Unladen weight ⁹⁾			Gross Carrying Capacity			Variable dimensions									
	WB	AE ⁵⁾	Front	Rear	Total	Front	Rear	Total	AC	CB ⁶⁾	CH ⁷⁾	BL ⁸⁾	BL	TL	HA ⁹⁾	HA ¹⁰⁾	TK ¹¹⁾	TW ¹²⁾
DAY CAB	3,90	1,30	5580	3119	8699	2420	8381	9301	0,50	0,07	2,06	5,06	5,39	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5716	3096	8811	2284	8404	9189	0,50	0,07	2,06	5,79	6,14	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5798	3089	8887	2202	8411	9113	0,50	0,07	2,06	6,16	6,53	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5850	3055	8905	2150	8445	9095	0,50	0,07	2,06	6,52	6,92	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5900	3057	8957	2100	8443	9043	0,50	0,07	2,06	6,89	7,29	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5933	3070	9003	2067	8430	8997	0,50	0,07	2,06	7,23	7,67	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	6010	3012	9022	1990	8488	8978	0,50	0,07	2,06	7,80	8,25	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6103	3008	9111	1897	8492	8889	0,50	0,07	2,06	8,36	8,85	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6181	2987	9168	1819	8513	8832	0,50	0,07	2,06	9,11	9,64	10,43	0,97	0,94	19,49	20,96
SLEEPER CAB	WB	AE ⁵⁾	Front	Rear	Total	Front	Rear	Total	AC	CB ⁶⁾	CH ⁷⁾	BL ⁸⁾	BL	TL	HA ⁹⁾	HA ¹⁰⁾	TK ¹¹⁾	TW ¹²⁾
	3,90	1,30	5687	3123	8809	2313	8377	9191	0,83	0,07	2,06	4,46	4,79	6,73	0,97	0,94	13,75	15,14
	4,30	1,80	5823	3099	8922	2177	8401	9078	0,83	0,07	2,06	5,18	5,55	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5905	3092	8997	2095	8408	9003	0,83	0,07	2,06	5,57	5,94	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5958	3058	9015	2042	8442	8985	0,83	0,07	2,06	5,94	6,34	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	6008	3060	9067	1992	8440	8933	0,83	0,07	2,06	6,29	6,71	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	6041	3072	9113	1959	8428	8887	0,83	0,07	2,06	6,65	7,08	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	6118	3014	9133	1882	8486	8867	0,83	0,07	2,06	7,21	7,69	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6211	3010	9221	1789	8490	8779	0,83	0,07	2,06	7,80	8,29	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6290	2989	9278	1710	8511	8722	0,83	0,07	2,06	8,55	9,08	10,43	0,97	0,94	19,49	20,96
SLEEPER HIGH CAB	WB	AE ⁵⁾	Front	Rear	Total	Front	Rear	Total	AC	CB ⁶⁾	CH ⁷⁾	BL ⁸⁾	BL	TL	HA ⁹⁾	HA ¹⁰⁾	TK ¹¹⁾	TW ¹²⁾
	3,90	1,30	5717	3122	8839	2283	8378	9161	0,83	0,07	2,54	4,48	4,80	6,73	0,97	0,94	13,75	15,14
	4,30	1,80	5854	3098	8952	2146	8402	9048	0,83	0,07	2,54	5,21	5,57	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5936	3091	9027	2064	8409	8973	0,83	0,07	2,54	5,59	5,97	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5988	3057	9045	2012	8443	8955	0,83	0,07	2,54	5,95	6,35	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	6038	3059	9097	1962	8441	8903	0,83	0,07	2,54	6,32	6,74	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	6071	3072	9143	1929	8428	8857	0,83	0,07	2,54	6,68	7,11	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	6149	3014	9162	1851	8486	8838	0,83	0,07	2,54	7,24	7,70	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6241	3010	9251	1759	8490	8749	0,83	0,07	2,54	7,83	8,32	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6320	2988	9308	1680	8512	8692	0,83	0,07	2,54	8,57	9,11	10,43	0,97	0,94	19,49	20,96

OTHER DIMENSIONS VA: 1,53 HV¹³⁾: 0,95 HV¹⁴⁾: 0,89 RB: 0,79 SB: 1,82 TB¹⁵⁾: 2,48

- GVM in conformity with registration documents.
- GCM in conformity with registration documents.
- Axle load with standard tyre size.
- Chassis and cab weight calculated with: Standard specification items only with driver of [0] kg, tolerance ± 3%. Changing of the specification can have major impact on vehicle weight
- Other AE dimensions may be available for shown WB. Modify rear overhang to the calculated body length.
- Based on basic specification.
- Cab height is measured from frame member to closed cabin roof hatch.

- Calculate customer specific body length with TOPEC. Body lengths shown based on evenly distributed load at max axle load.
- Unladen height at centre of driven axle(s).
- Laden height at centre of driven axle(s).
- TK = turning circle between kerbs.
- TW = turning circle between walls.
- Unladen height at centre of front axle(s).
- Laden height at centre of front axle(s).
- TB is overall width at rear. (At centre of front axle 255).

Depending on the vehicle configuration a specific option may not be possible. The availability and specification of this vehicle may differ per country. For further information please contact the DAF organisation. Pictures and technical illustrations are not binding in detail and can differ from the standard specification. Subject to modification without prior notice.