

# 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 (310kW / 420 kWh   525 kWh)	
XD Electric 350 PACCAR EX-D2 (350kW / 420 kWh   525 kWh)	

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

20500 kg

Max. front 8000 kg

Max. rear 13000 kg

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

21500 kg

## 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

<b>07018</b> Sleeper Cab	<b>01836</b> LED Skylights
<b>06244</b> Sleeper High Cab	<b>00949</b> LED Skylights; aux. LED lights on cab rf, prepared
<b>02889</b> Chassis front execution: no bottom plate	<b>01925</b> Two LED work lamps for cab rear wall
<b>02952</b> Chassis front execution: bottom plate aero	<b>01891</b> Hazard beacons on cab front, prepared
<b>03353</b> Chassis front execution: protruding	<b>06629</b> Two hazard beacon lights
<b>07586</b> Chassis front execution: robust	<b>03232</b> Front windscreen with solar control foil
<b>01226</b> Cab suspension air	<b>03317</b> Rear window: double glass
<b>03358</b> External sun visor	<b>07343</b> Kerb view window co-driver door
<b>03922</b> Fog lights front	<b>01362</b> DAF Digital Vision System
<b>00936</b> Auxiliary LED lights on cab roof, prepared	

## AERODYNAMICS

### Optional

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

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

<b>09681</b> Preparation for Maut	<b>01915</b> DAF Infotainment System: Luxury Plus
<b>06211</b> DAF Infotainment System with FM/DAB/DAB+ radio	<b>06991</b> Predictive Cruise Control
<b>03470</b> DAF Infotainment System: Exclusive, prepared	<b>06992</b> Predictive Cruise Control lite

## SAFETY AND SECURITY

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

### Optional

<b>08631</b> 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

<b>06257</b> Front axle load 9.00 t	<b>04647</b> Front springs air
<b>06095</b> Front axle load 10.00 t	<b>08191</b> 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

<b>16152</b> Tyre makes and types
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## DRIVELINE

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

### Optional

<b>01656</b> Electric motor type EX-D2	<b>01749</b> Charging: 150 kW DC + 22 kW AC
<b>01664</b> 170 kW	<b>01756</b> 325 kW DC charging
<b>01686</b> 270 kW	<b>03677</b> Charging: 325 kW DC + 22 kW AC
<b>01691</b> 310 kW	<b>01514</b> Urge-to-move
<b>01692</b> 350 kW	<b>02843</b> Mechanical differential lock

## 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

<b>04901</b> 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

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

## DRAWBAR AND TRAILER EQUIPMENT

Closing member D-value = 0kN.

### Optional

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

## BODIES AND PREPARATIONS FOR BODYING

Application connector chassis.

### Optional

- |   |                                    |
|---|------------------------------------|
| <b>09421</b> Additional spare wiring                    | <b>08121</b> Tail lift application |
| <b>09240</b> Application connector for refuse collector |                                    |

## POWER TAKE-OFF (PTO)

### Optional

- |   |   |
|---|---|
| <b>01809</b> E-PTO socket 650V DC < 25 kW | <b>04320</b> E-PTO socket 650V DC < 90 kW |
|---|---|

## 24V POWER SUPPLY

Batteries 2x 175 Ah..

### Optional

- |   |                                |
|---|--------------------------------|
| <b>07671</b> Batteries 2x210Ah AGM C-type | <b>06440</b> Batteries 2x230Ah |
|---|--------------------------------|

## GVM AND GCM

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

### Optional

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

## APPLICATION CONDITIONS

### Optional

- |                                   |                                       |
|-----------------------------------|---------------------------------------|
| <b>02260</b> Extra cab insulation | <b>06614</b> 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

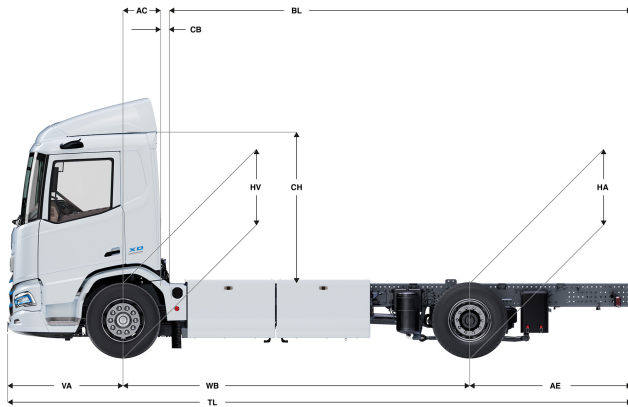
### Optional

- |                          |                                   |
|--------------------------|-----------------------------------|
| <b>17448</b> Safety pack | <b>17595</b> Executive Pack XD/XF |
|--------------------------|-----------------------------------|

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

# XD 220

## FA 4X2 Rigid, Electric



	Wheelbase - AE		Unladen weight <sup>9)</sup>			Gross Carrying Capacity			Variable dimensions									
	WB	AE <sup>5)</sup>	Front	Rear	Total	Front	Rear	Total	AC	CB <sup>6)</sup>	CH <sup>7)</sup>	BL <sup>8)</sup>	BL	TL	HA <sup>9)</sup>	HA <sup>10)</sup>	TK <sup>11)</sup>	TW <sup>12)</sup>
DAY CAB	3,90	1,30	5535	3065	8600	2465	9935	11900	0,50	0,07	2,06	5,05	5,37	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5669	3043	8712	2331	9957	11788	0,50	0,07	2,06	5,77	6,12	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5751	3037	8787	2249	9963	11713	0,50	0,07	2,06	6,13	6,51	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5802	3003	8805	2198	9997	11695	0,50	0,07	2,06	6,50	6,89	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5851	3006	8857	2149	9994	11643	0,50	0,07	2,06	6,86	7,26	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5884	3019	8903	2116	9981	11597	0,50	0,07	2,06	7,20	7,64	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5960	2962	8923	2040	10038	11577	0,50	0,07	2,06	7,77	8,22	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6052	2959	9011	1948	10041	11489	0,50	0,07	2,06	8,33	8,82	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6130	2939	9068	1870	10061	11432	0,50	0,07	2,06	9,07	9,59	10,43	0,97	0,94	19,49	20,96
SLEEPER CAB	WB	AE <sup>5)</sup>	Front	Rear	Total	Front	Rear	Total	AC	CB <sup>6)</sup>	CH <sup>7)</sup>	BL <sup>8)</sup>	BL	TL	HA <sup>9)</sup>	HA <sup>10)</sup>	TK <sup>11)</sup>	TW <sup>12)</sup>
	3,90	1,30	5640	3069	8709	2360	9931	11791	0,83	0,07	2,06	4,44	4,77	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5775	3046	8821	2225	9954	11679	0,83	0,07	2,06	5,16	5,53	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5856	3040	8896	2144	9960	11604	0,83	0,07	2,06	5,54	5,92	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5908	3006	8914	2092	9994	11586	0,83	0,07	2,06	5,91	6,30	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5957	3009	8966	2043	9991	11534	0,83	0,07	2,06	6,27	6,69	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5990	3022	9012	2010	9978	11488	0,83	0,07	2,06	6,62	7,05	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	6067	2965	9032	1933	10035	11468	0,83	0,07	2,06	7,19	7,64	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6158	2961	9120	1842	10039	11380	0,83	0,07	2,06	7,76	8,25	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6236	2941	9177	1764	10059	11323	0,83	0,07	2,06	8,50	9,03	10,43	0,97	0,94	19,49	20,96
SLEEPER HIGH CAB	WB	AE <sup>5)</sup>	Front	Rear	Total	Front	Rear	Total	AC	CB <sup>6)</sup>	CH <sup>7)</sup>	BL <sup>8)</sup>	BL	TL	HA <sup>9)</sup>	HA <sup>10)</sup>	TK <sup>11)</sup>	TW <sup>12)</sup>
	3,90	1,30	5671	3068	8739	2329	9932	11761	0,83	0,07	2,54	4,46	4,79	6,73	0,97	0,94	13,75	15,14
	4,30	1,80	5806	3045	8851	2194	9955	11649	0,83	0,07	2,54	5,18	5,55	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5887	3039	8926	2113	9961	11574	0,83	0,07	2,54	5,57	5,94	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5939	3006	8944	2061	9994	11556	0,83	0,07	2,54	5,93	6,32	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5988	3008	8996	2012	9992	11504	0,83	0,07	2,54	6,29	6,70	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	6021	3021	9042	1979	9979	11458	0,83	0,07	2,54	6,65	7,08	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	6097	2964	9062	1903	10036	11438	0,83	0,07	2,54	7,21	7,67	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6189	2961	9150	1811	10039	11350	0,83	0,07	2,54	7,79	8,28	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6267	2941	9207	1733	10059	11293	0,83	0,07	2,54	8,54	9,07	10,43	0,97	0,94	19,49	20,96

OTHER DIMENSIONS VA: 1,53 HV<sup>13)</sup>: 0,95 HV<sup>14)</sup>: 0,89 RB: 0,79 SB: 1,82 TB<sup>15)</sup>: 2,48

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 only with driver of (0) kg, tolerance  $\pm$  3%. Changing of the specification can have major impact on vehicle weight  
 5) Other AE dimensions may be available for shown WB. Modify rear overhang to the calculated body length.  
 6) Based on basic specification.  
 7) Cab height is measured from frame member to closed cabin roof hatch.

8) Calculate customer specific body length with TOPEC. Body lengths shown based on evenly distributed load at max axle load.  
 9) Unladen height at centre of driven axle(s).  
 10) Laden height at centre of driven axle(s).  
 11) TK = turning circle between kerbs.  
 12) TW = turning circle between walls.  
 13) Unladen height at centre of front axle(s).  
 14) Laden height at centre of front axle(s).  
 15) 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.