

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⁾

20500 kg
Max. front 8000 kg
Max. rear 13000 kg

GCM²⁾

21500 kg

DAF Trucks N.V., The Netherlands, www.daf.com

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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; No DAF Digital Vision System; DAF Corner View; Rear view camera.

Optional

07018 Sleeper Cab	01925 Two LED work lamps for cab rear wall
06244 Sleeper High Cab	01891 Hazard beacons on cab front, prepared
02889 Chassis front execution: no bottom plate	06629 Two hazard beacon lights
02952 Chassis front execution: bottom plate aero	07201 Skylights
03353 Chassis front execution: protruding	03232 Front windscreen with solar control foil
07586 Chassis front execution: robust	03317 Rear window: double glass
01226 Cab suspension air	07343 Kerb view window co-driver door
04355 Air horns, prepared	01886 Laminated glass with solar control foil
00847 Air horns, single set	01354 No main mirrors
09006 Air horns, double set	01362 DAF Digital Vision System
00330 LED head and fog lights	01912 No DAF Corner View
00346 LED head and cornering lights	06497 No rear view camera
00354 LED head, cornering and fog lights	03151 Rear view camera with prep for 2nd camera
02591 High Beam Assist	

AERODYNAMICS

No roof air deflector; No roof air deflector; No side collars.

Optional

02482 Adj. rf air defl. long mid for XD Sleeper High Cab	01818 Adj. roof air deflector long low Sleeper High Cab
01698 Adj rf air defl. long high >4m(!) Sleeper High Cab	01805 Adj. roof air defl. short for Sleeper High Cab
07332 Adj. roof air deflector for Day Cab	04906 Side collars, one side hinged
07340 Adj. roof air deflector for Sleeper Cab	03074 Side collars, both sides hinged
07347 Adj. rf air defl. long mid >4m(!) Sleeper High Cab	16150 No roof air deflectors, types and settings

COLOURS

Cab colour E1980 Crystal White; Lower cab step Stone Grey; Chassis colour grey.; Colour of bumper: Crystal White.

Optional

07481 Lower cab step Brilliant White	03003 Colour of bumper: grey
04868 Lower cab step Crystal White	02989 Colour of bumper: Brilliant White
07480 Lower cab step in cab colour	02990 Colour of bumper: cab colour
16159 No cab and chassis colours	

CAB INTERIOR

Steering wheel, black; Cab interior trim colour: Luxury; Cab interior decoration: Hexagon; Driver seat: Comfort Air; Co-driver seat: cinema with fabric cover; No dashboard table; Automatic Temperature Control and airco; Park air conditioning, integrated.

Optional

02354 Steering wheel with silver accents	03848 Co-driver seat: cinema with leather cover
02355 Steering wheel, leather	07746 Co-driver seat: Super Air
02353 Cab interior decoration: Argenta	03862 Co-driver seat: cinema + table; leather cover
02350 Cab interior decoration: Natura	07748 Co-driver seat: Xtra Leather Air
07733 Driver seat: Luxury Air	02117 Third seat
07736 Driver seat: Super Air	02837 Dashboard table
07737 Driver seat: Xtra Leather Air	03948 Single drawer
03461 Co-driver seat: cinema + table; fabric cover	03954 Refrigerator
07741 Co-driver seat: Comfort Air	02838 Foam mattress for lower bunk
03781 Co-driver seat: cinema with alcantara cover	02854 Xtra Comfort mattress for lower bunk
07743 Co-driver seat: Luxury Air	01775 Xtra Comfort mattress with topper for lower bunk
03849 Co-driver seat: cinema + table; alcantara cover	04258 Roof hatch, electric control

COMMUNICATION AND DRIVING MANAGEMENT

PACCAR Connect; Tachograph digital, Stoneridge version G2V2A; Speed limiter setting 85/90 km/h; Infotainment basic; Adaptive Cruise Control with FCW and AEBS-3; No Predictive Cruise Control.

Optional

07020 PACCAR Connect with navigation	01219 Speakers: Exclusive
07021 PACCAR Connect with navigation and tablet software	06991 Predictive Cruise Control
03470 Infotainment incl. DAF Truck Nav. and tablet prep.	06992 Predictive Cruise Control lite
03684 Infotainment including DAF Truck Navigation	

SAFETY AND SECURITY

Speed limit recognition; DAF drowsiness detection; Lane Departure Warning System; Drive-off Assist; DAF Side & Turn Assist.

Optional

08631 Air bag (driver) and 2 seat belt tensioners	03628 DAF drowsiness & distraction detection
02567 No Traffic Sign Assist	01929 No Drive-off Assist
02569 No Driver State Monitoring	01952 No DAF Side/Turn Assist

SUSPENSION AND AXLES

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

Optional

04813 Front: 8.00 t, parabolic, 165N	07114 Front: 10.00 t, parabolic, 203L
02509 Front: 8.00 t, parabolic, 167N	02460 Front: 8.00 t, air suspension, 161N
02426 Front: 9.00 t, parabolic, 183N	04647 Front springs air
00300 Front: 9.00 t, parabolic, 187N	08191 Axle load monitoring

WHEELS AND TYRES

Front axle(s): 315/70R22.5; Driven rear axle(s): 315/70R22.5;
Goodyear; Tyre pressure monitoring.

Optional

- 08101** No tyre pressure monitoring
16152 Tyre makes and types

DRIVELINE

; 220 kW; 150 kW DC charging; Rear axle ratio 2.05; No differential lock.

Optional

- 01656** Electric motor type EX-D2
01664 170 kW
01686 270 kW
01691 310 kW
01692 350 kW
01749 Charging: 150 kW DC + 22 kW AC
01756 325 kW DC charging
03677 Charging: 325 kW DC + 22 kW AC
02843 Mechanical differential lock

BRAKE SYSTEM

Park brake control electro-pneumatic; No brake resistor; Park brake electro-pneumatic; Driven rear axle with disc brakes.

Optional

- 04901** Spring brake cylinders on the first front axle
03969 Park brake assist
01857 Brake resistor

CHASSIS

Wheelbase 4.30 m / rear overhang 1.80 m; Side member 260/7.0 mm, full length reinforcement; Side member height 260 mm; No HV battery pack at position L1; HV battery pack at position L2; No HV battery pack at position L3; No HV battery pack at position R1; HV battery pack at position R2; No HV battery pack at position R3.

Optional

- 02601** Side member height 310 mm
01696 2 HV battery packs
01699 4 HV battery packs
01701 5 HV battery packs
16157 Fuel tanks, material and sizes

DRAWBAR AND TRAILER EQUIPMENT

Closing member D-value = 0kN.

BODIES AND PREPARATIONS FOR BODYING

Optional

- 09421** Additional spare wiring
09240 Application connector for refuse coll. (EN1501-1)

POWER TAKE-OFF (PTO)

Optional

- 01809** E-PTO socket 650V DC < 25 kW
04320 E-PTO socket 650V DC < 90 kW
07853 ePTO control at ignition OFF
07852 ePTO control at ignition ON

24V POWER SUPPLY

Batteries 2x 175 Ah..

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
01937 Driveline related max GCM 46000 kg
02200 Driveline related max GCM 46000 kg class 2
03675 Driveline related max GCM 50000 kg class 3

APPLICATION CONDITIONS

Regular cab insulation.

Optional

- 02260** Extra cab insulation

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

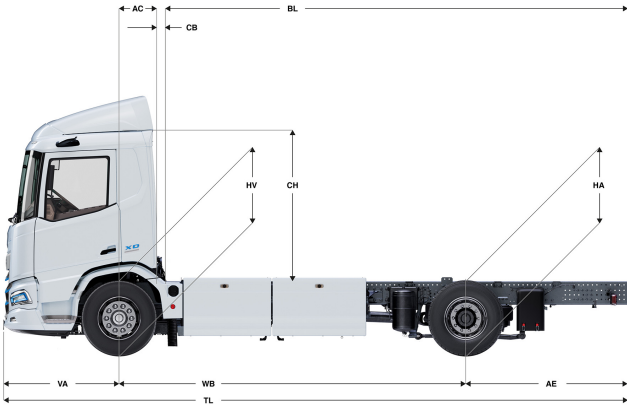
Optional

- 02008** No toolkit
02019 Standard toolkit
06491 Toolkit Eastern Europe

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	Wheelbase - AE		Unladen weight ¹⁾			Gross Carrying Capacity			Variable dimensions									
	WB	AE ²⁾	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	5388	3229	8617	2612	9771	11883	0,50	0,07	2,06	4,95	5,26	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5537	3192	8729	2463	9808	11771	0,50	0,07	2,06	5,67	6,02	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5625	3180	8804	2375	9820	11696	0,50	0,07	2,06	6,04	6,42	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5682	3141	8823	2318	9859	11677	0,50	0,07	2,06	6,40	6,79	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5736	3139	8874	2264	9861	11626	0,50	0,07	2,06	6,75	7,17	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5774	3147	8921	2226	9853	11579	0,50	0,07	2,06	7,11	7,54	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5856	3084	8940	2144	9916	11560	0,50	0,07	2,06	7,67	8,12	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	5954	3074	9028	2046	9926	11472	0,50	0,07	2,06	8,24	8,72	9,88	0,97	0,94	18,44	19,90
6,10	2,80	6038	3047	9086	1962	9953	11414	0,50	0,07	2,06	8,97	9,49	10,43	0,97	0,94	19,49	20,96	
SLEEPER CAB	WB	AE ²⁾	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	5496	3233	8728	2504	9767	11772	0,83	0,07	2,06	4,35	4,67	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5645	3196	8840	2355	9804	11660	0,83	0,07	2,06	5,07	5,42	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5732	3183	8916	2268	9817	11584	0,83	0,07	2,06	5,44	5,82	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5790	3144	8934	2210	9856	11566	0,83	0,07	2,06	5,81	6,21	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5844	3142	8986	2156	9858	11514	0,83	0,07	2,06	6,17	6,59	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5882	3150	9032	2118	9850	11468	0,83	0,07	2,06	6,53	6,96	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5965	3087	9051	2035	9913	11449	0,83	0,07	2,06	7,09	7,54	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6062	3077	9140	1938	9923	11360	0,83	0,07	2,06	7,67	8,14	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6147	3050	9197	1853	9950	11303	0,83	0,07	2,06	8,41	8,94	10,43	0,97	0,94	19,49	20,96
SLEEPER HIGH CAB	WB	AE ²⁾	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	5526	3232	8758	2474	9768	11742	0,83	0,07	2,54	4,36	4,68	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5675	3195	8870	2325	9805	11630	0,83	0,07	2,54	5,09	5,44	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5763	3183	8946	2237	9817	11554	0,83	0,07	2,54	5,47	5,84	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5820	3144	8964	2180	9856	11536	0,83	0,07	2,54	5,83	6,23	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5875	3141	9016	2125	9859	11484	0,83	0,07	2,54	6,19	6,61	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5912	3150	9062	2088	9850	11438	0,83	0,07	2,54	6,54	6,97	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5995	3086	9081	2005	9914	11419	0,83	0,07	2,54	7,11	7,57	9,58	0,97	0,94	17,66	19,11
	5,70	2,65	6093	3077	9170	1907	9923	11330	0,83	0,07	2,54	7,70	8,17	9,88	0,97	0,94	18,44	19,90
	6,10	2,80	6178	3050	9227	1822	9950	11273	0,83	0,07	2,54	8,44	8,95	10,43	0,97	0,94	19,49	20,96
OTHER DIMENSIONS		VA: 1,53	HV ¹³⁾ : 0,95	HV ¹⁴⁾ : 0,89	RB: 0,79	SB: 1,82	TB ¹⁵⁾ : 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 ± 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.