

Specification sheet

XD Electric FA (4x2)

FA 4X2 Rigid, Electric



ENGINES

XD 170e EX-D1 (170kW)
XD 220e EX-D1 (220kW)
XD 270e EX-D1 (270kW)
XD 270e EX-D2 (270kW)
XD 310e EX-D2 (310kW)
XD 350e EX-D2 (350kW)

GVM¹⁾

21000 kg

Max. front 8000 kg

Max. rear 13000 kg

GCM²⁾

29000 kg

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

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: Grey; Chassis colour grey.; Colour of bumper: Crystal White.

Optional

07480 Lower cab step in cab colour	03003 Colour of bumper: Grey
07481 Lower cab step: Brilliant White	02989 Colour of bumper: Brilliant White
04868 Lower cab step: Crystal White	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
04553 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 & distraction detection; Lane Departure Warning System; Drive-off Assist; DAF Side & Turn Assist.

Optional

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

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 2.47; 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** ePTO socket 650V DC < 25 kW
04320 ePTO 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 21000 kg; Driveline related max GCM 29000 kg.

Optional

- 00711** Driveline related max GCM 21500 kg
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

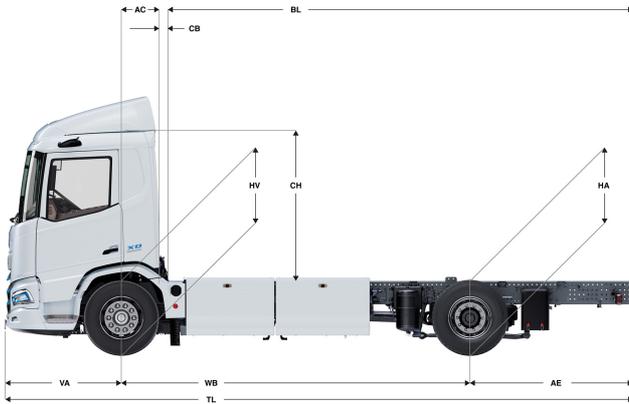
Optional

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

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

XD

FA 4X2 Rigid, Electric



	Wheelbase - AE		Unladen weight ¹⁾			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	5367	3232	8599	2633	9768	12401	0,50	0,07	2,06	5,01	5,01	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5516	3196	8712	2484	9804	12288	0,50	0,07	2,06	5,72	5,72	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5604	3184	8788	2396	9816	12212	0,50	0,07	2,06	6,10	6,10	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5661	3144	8805	2339	9856	12195	0,50	0,07	2,06	6,46	6,46	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5715	3141	8856	2285	9859	12144	0,50	0,07	2,06	6,82	6,82	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5753	3150	8902	2247	9850	12098	0,50	0,07	2,06	7,17	7,17	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5836	3087	8922	2164	9913	12078	0,50	0,07	2,06	7,73	7,73	9,58	0,97	0,94	17,66	19,11
5,70	2,65	5933	3078	9011	2067	9922	11989	0,50	0,07	2,06	8,30	8,30	9,88	0,97	0,94	18,44	19,90	
6,10	2,80	6018	3050	9068	1982	9950	11932	0,50	0,07	2,06	9,04	9,04	10,43	0,97	0,94	19,49	20,96	
SLEEPER CAB	3,90	1,30	5466	3235	8700	2534	9765	12300	0,83	0,07	2,06	4,40	4,40	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5615	3198	8813	2385	9802	12187	0,83	0,07	2,06	5,12	5,12	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5702	3187	8889	2298	9813	12111	0,83	0,07	2,06	5,50	5,50	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5759	3146	8906	2241	9854	12094	0,83	0,07	2,06	5,87	5,87	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5814	3144	8957	2186	9856	12043	0,83	0,07	2,06	6,23	6,23	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5851	3152	9003	2149	9848	11997	0,83	0,07	2,06	6,58	6,58	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5935	3088	9023	2065	9912	11977	0,83	0,07	2,06	7,14	7,14	9,58	0,97	0,94	17,66	19,11
5,70	2,65	6032	3079	9112	1968	9921	11888	0,83	0,07	2,06	7,71	7,71	9,88	0,97	0,94	18,44	19,90	
6,10	2,80	6117	3052	9169	1883	9948	11831	0,83	0,07	2,06	8,46	8,46	10,43	0,97	0,94	19,49	20,96	
SLEEPER HIGH CAB	3,90	1,30	5496	3234	8730	2504	9766	12270	0,83	0,07	2,54	4,41	4,41	6,73	0,97	0,94	13,76	15,14
	4,30	1,80	5645	3197	8842	2355	9803	12158	0,83	0,07	2,54	5,13	5,13	7,63	0,97	0,94	14,79	16,20
	4,50	1,95	5733	3186	8919	2267	9814	12081	0,83	0,07	2,54	5,51	5,51	7,98	0,97	0,94	15,31	16,73
	4,70	2,05	5790	3146	8935	2210	9854	12065	0,83	0,07	2,54	5,88	5,88	8,28	0,97	0,94	15,83	17,26
	4,90	2,35	5844	3143	8987	2156	9857	12013	0,83	0,07	2,54	6,24	6,24	8,78	0,97	0,94	16,35	17,78
	5,10	2,75	5882	3151	9033	2118	9849	11967	0,83	0,07	2,54	6,60	6,60	9,38	0,97	0,94	16,87	18,31
	5,40	2,65	5965	3088	9053	2035	9912	11947	0,83	0,07	2,54	7,17	7,17	9,58	0,97	0,94	17,66	19,11
5,70	2,65	6063	3079	9142	1937	9921	11858	0,83	0,07	2,54	7,74	7,74	9,88	0,97	0,94	18,44	19,90	
6,10	2,80	6147	3051	9198	1853	9949	11802	0,83	0,07	2,54	8,49	8,49	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 \pm 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).
- 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.