

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) |

GVM¹⁾

| |
|--------------------|
| 18000 kg |
| Max. front 8000 kg |
| Max. rear 11500 kg |

GCM²⁾

| |
|----------|
| 21500 kg |
|----------|

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Slovenia, Cordia d.o.o., 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; 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 | 01915 DAF Infotainment System: Luxury Plus |
| 06211 DAF Infotainment System with FM/DAB/DAB+ radio | 06991 Predictive Cruise Control |
| 03470 DAF Infotainment System: Exclusive, prepared | 06992 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

| |
|--|
| 08631 Air bag (driver) and 2 seat belt tensioners |
|--|

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 | 03677 Charging: 325 kW DC + 22 kW AC |
| 01691 310 kW | 01514 Urge-to-move |
| 01692 350 kW | 02843 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

| |
|---|
| 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 |
| 09240 | Application connector for refuse collector | | |

POWER TAKE-OFF (PTO)

Optional

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

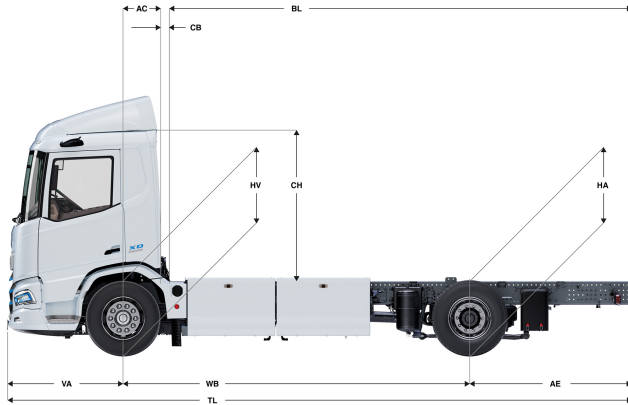
Optional

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

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

XD 220

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 | 5618 | 3065 | 8683 | 2382 | 8435 | 9317 | 0,50 | 0,07 | 2,06 | 5,09 | 5,41 | 6,73 | 0,97 | 0,94 | 13,76 | 15,14 |
| | 4,30 | 1,80 | 5752 | 3042 | 8794 | 2248 | 8458 | 9206 | 0,50 | 0,07 | 2,06 | 5,81 | 6,17 | 7,63 | 0,97 | 0,94 | 14,79 | 16,20 |
| | 4,50 | 1,95 | 5833 | 3036 | 8870 | 2167 | 8464 | 9130 | 0,50 | 0,07 | 2,06 | 6,19 | 6,57 | 7,98 | 0,97 | 0,94 | 15,31 | 16,73 |
| | 4,70 | 2,05 | 5885 | 3003 | 8888 | 2115 | 8497 | 9112 | 0,50 | 0,07 | 2,06 | 6,56 | 6,94 | 8,28 | 0,97 | 0,94 | 15,83 | 17,26 |
| | 4,90 | 2,35 | 5934 | 3006 | 8940 | 2066 | 8494 | 9060 | 0,50 | 0,07 | 2,06 | 6,91 | 7,33 | 8,78 | 0,97 | 0,94 | 16,35 | 17,78 |
| | 5,10 | 2,75 | 5967 | 3019 | 8986 | 2033 | 8481 | 9014 | 0,50 | 0,07 | 2,06 | 7,27 | 7,70 | 9,38 | 0,97 | 0,94 | 16,87 | 18,31 |
| | 5,40 | 2,65 | 6043 | 2962 | 9005 | 1957 | 8538 | 8995 | 0,50 | 0,07 | 2,06 | 7,83 | 8,28 | 9,58 | 0,97 | 0,94 | 17,66 | 19,11 |
| | 5,70 | 2,65 | 6135 | 2959 | 9094 | 1865 | 8541 | 8906 | 0,50 | 0,07 | 2,06 | 8,41 | 8,89 | 9,88 | 0,97 | 0,94 | 18,44 | 19,90 |
| | 6,10 | 2,80 | 6212 | 2939 | 9151 | 1788 | 8561 | 8849 | 0,50 | 0,07 | 2,06 | 9,14 | 9,67 | 10,43 | 0,97 | 0,94 | 19,49 | 20,96 |
| SLEEPER CAB | 3,90 | 1,30 | 5723 | 3069 | 8792 | 2277 | 8431 | 9208 | 0,83 | 0,07 | 2,06 | 4,49 | 4,81 | 6,73 | 0,97 | 0,94 | 13,75 | 15,14 |
| | 4,30 | 1,80 | 5858 | 3046 | 8903 | 2142 | 8454 | 9097 | 0,83 | 0,07 | 2,06 | 5,22 | 5,58 | 7,63 | 0,97 | 0,94 | 14,79 | 16,20 |
| | 4,50 | 1,95 | 5939 | 3039 | 8978 | 2061 | 8461 | 9022 | 0,83 | 0,07 | 2,06 | 5,60 | 5,98 | 7,98 | 0,97 | 0,94 | 15,31 | 16,73 |
| | 4,70 | 2,05 | 5991 | 3006 | 8997 | 2009 | 8494 | 9003 | 0,83 | 0,07 | 2,06 | 5,96 | 6,36 | 8,28 | 0,97 | 0,94 | 15,83 | 17,26 |
| | 4,90 | 2,35 | 6040 | 3009 | 9049 | 1960 | 8491 | 8951 | 0,83 | 0,07 | 2,06 | 6,33 | 6,74 | 8,78 | 0,97 | 0,94 | 16,35 | 17,78 |
| | 5,10 | 2,75 | 6073 | 3022 | 9095 | 1927 | 8478 | 8905 | 0,83 | 0,07 | 2,06 | 6,68 | 7,11 | 9,38 | 0,97 | 0,94 | 16,87 | 18,31 |
| | 5,40 | 2,65 | 6149 | 2965 | 9114 | 1851 | 8535 | 8886 | 0,83 | 0,07 | 2,06 | 7,26 | 7,72 | 9,58 | 0,97 | 0,94 | 17,66 | 19,11 |
| | 5,70 | 2,65 | 6241 | 2961 | 9202 | 1759 | 8539 | 8798 | 0,83 | 0,07 | 2,06 | 7,83 | 8,32 | 9,88 | 0,97 | 0,94 | 18,44 | 19,90 |
| | 6,10 | 2,80 | 6319 | 2941 | 9260 | 1681 | 8559 | 8740 | 0,83 | 0,07 | 2,06 | 8,58 | 9,11 | 10,43 | 0,97 | 0,94 | 19,49 | 20,96 |
| SLEEPER HIGH CAB | 3,90 | 1,30 | 5754 | 3068 | 8822 | 2246 | 8432 | 9178 | 0,83 | 0,07 | 2,54 | 4,50 | 4,83 | 6,73 | 0,97 | 0,94 | 13,75 | 15,14 |
| | 4,30 | 1,80 | 5888 | 3045 | 8933 | 2112 | 8455 | 9067 | 0,83 | 0,07 | 2,54 | 5,24 | 5,60 | 7,63 | 0,97 | 0,94 | 14,79 | 16,20 |
| | 4,50 | 1,95 | 5970 | 3039 | 9008 | 2030 | 8461 | 8992 | 0,83 | 0,07 | 2,54 | 5,61 | 6,00 | 7,98 | 0,97 | 0,94 | 15,31 | 16,73 |
| | 4,70 | 2,05 | 6022 | 3005 | 9027 | 1978 | 8495 | 8973 | 0,83 | 0,07 | 2,54 | 5,98 | 6,38 | 8,28 | 0,97 | 0,94 | 15,83 | 17,26 |
| | 4,90 | 2,35 | 6071 | 3008 | 9079 | 1929 | 8492 | 8921 | 0,83 | 0,07 | 2,54 | 6,36 | 6,76 | 8,78 | 0,97 | 0,94 | 16,35 | 17,78 |
| | 5,10 | 2,75 | 6103 | 3021 | 9125 | 1897 | 8479 | 8875 | 0,83 | 0,07 | 2,54 | 6,71 | 7,14 | 9,38 | 0,97 | 0,94 | 16,87 | 18,31 |
| | 5,40 | 2,65 | 6180 | 2964 | 9144 | 1820 | 8536 | 8856 | 0,83 | 0,07 | 2,54 | 7,27 | 7,74 | 9,58 | 0,97 | 0,94 | 17,66 | 19,11 |
| | 5,70 | 2,65 | 6272 | 2961 | 9232 | 1728 | 8539 | 8768 | 0,83 | 0,07 | 2,54 | 7,86 | 8,35 | 9,88 | 0,97 | 0,94 | 18,44 | 19,90 |
| | 6,10 | 2,80 | 6349 | 2940 | 9290 | 1651 | 8560 | 8710 | 0,83 | 0,07 | 2,54 | 8,62 | 9,15 | 10,43 | 0,97 | 0,94 | 19,49 | 20,96 |

OTHER DIMENSIONS VA: 1,53 HV¹³⁾: 0,95 HV¹⁴⁾: 0,88 RB: 0,79 SB: 1,82 TB¹⁵⁾: 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.