Detailed Specification XB 190 FA 4X2 Rigid, 19t Electric ChsBody

Vehicle Summary

Cab colour	M8870WHTE
ePTO	No ePTO
Wheelbase / rear overhang	Wheelbase 6.25 m / rear overhang 2.88 m
Supplier tyres	Continental
Roof air deflector	Adjustable roof air deflector high (set)
Tyres fr1 or fr axles	F1,315/70R22.5CGW CEPS5 158/150 L Steering ABA 3P
Tyres driven rear axle(s)	R1,315/70R22.5CGW CEPD5 154/150 L Traction ACA 3P
Type, number & position HV battery packs	2 HV battery packs: L1+R1, C-type
Body type	Curtain sider body
Market packages	No market package
Application packages 1	No application option
Cab version	Day Cab
Connected Services	PACCAR Connect 10 year subscription
Audio and infotainment	FM/DAB/DAB+ radio with speakers incl. phone con.
Front axle	Front: 7.50 t, parabolic, 152N
Rear axle	Rear: 13.00 t, air suspension, SR1344
Spare tyre	SP, not applicable
Engine	No internal combustion engine
Electric motor type and power	E-Motor EX-M2, 190 kW. Cab Badge: 190E
Charging capacity	Charging: 150 kW DC + 22 kW AC
Exhaust emission	Battery Electric Vehicle
Rear axle ratio	Rear axle ratio 5.57
Chassis component layout	Standard component location
Charging connector position	Charging connector right-hand side, type CCS2
Type plate related drawbar or solo application	Type plate related solo application, no trailer
Chassis weight related gross vehicle mass GVM	Chassis weight related technical GVM max 19000 kg
Vehicle warranty	Warranty Plus-Vehicle-2 years-999K-BEV/4
High Voltage battery warranty	8 years - min. SOH 70% - max. 4 MWh/kWh

Factory options

Application packages	Option code	Price (£)
No market package	018182	
No application option	012939	

Cab exterior	Option code	
Translucent external sun visor above the windscreen, colour green.	001174	
Bumper mounted light units with combined fog light and cornering light function.	009984	
Additional, lower window in the co-driver's door.	007343	
Central door lock system with exterior light check function. Includes 2 remote control units and 3 transponder keys. 3	000081	
Main mirror, wide angle mirror and kerb view mirror at driver's side and co-driver's side.	009778	
Day Cab with steel bumper, tinted glass and electric window openers. Main mirrors and wide angle mirrors electrically heated. Cab width 2130 mm.	001899	
Maintenance free 4-point mechanical cab suspension with integrated shock absorbers.	001173	
Bi-reflector halogen head lights with impact-resistant Lexan lens.	004413	
Head light beam for left-hand traffic.	000204	
Daytime running lights.	006006	
No High Beam Assist	002590	
No hazard beacon	000128	
No side / rear glass	000920	
Green tinted glass.	000923	
Electrical adjustment of the main mirrors.	001064	
Mirror brackets for body width 2.50 - 2.60 m.	003707	
Front view mirror to comply with EC directive 2003/97/EC for frontal field of view.	001551	
Camera at the rear of the vehicle for rear view. Camera images will be shown on a dedicated display.	002672	

Aerodynamics	Option code	
Long side collars.	007112	
Adjustable roof air deflector shaped for aerodynamic streamline between cab and body.	007109	
Side panel(s) covering the battery packs mounted at the sides of the chassis. Due to the battery packs not covering the full space between the axles at one or both sides of the chassis, this space is only partially covered by the side panel(s).	003960	

Colours	Option code	Price (£)
Cab colour: M8870WHTE	006150	
Headlamp panel and bumper in cab colour.	006485	
Lower cab step cover, cab steps and wing in cab colour.	000617	
Cab colour for roof air deflector.	006018	
Colour of side collars: cab colour.	006067	
Curtain colour 907 white, with white front panel and rear door, alloy unpainted.	001238	
Colour of side covers: Grey.	004257	
Chassis colour grey.	003708	

Cab interior	Option code	Price (£)
Steering wheel, finished with leather in black colour.	009271	
Steering column rake and height adjustment with pneumatically controlled lock.	003516	
Luxury air suspended driver seat with adjustable damper and pneumatic lumbar support. Seat cushion heating. Integral head restraint. Three-point seat belt. Seat upholstery velour.	000199	
Arm rest on the driver seat.	009541	
Seat belts in colour red, to enable a visual seat belt check from outside the cab.	000967	
Roof hatch with manual control.	004246	
Storage box on the engine tunnel.	004656	
Right-hand drive.	001847	
Unsuspended co-driver seat with integral head restraint and three-point seat belt. Seat upholstery velour with vinyl rear.	009035	
No arm rest co-driver seat	002080	
No lower bunk	000600	
No curtains	001680	
Manually controlled airco with air recirculation.	002213	
No auxiliary cab heater	001188	
Electric window openers.	012979	
Converter 24V to 12V, 15A, 180W.	008419	
ECAS remote control to activate normal driving height, to raise/lower the rear axle and to stop any adjustment.	007607	

Communication and driving management	Option code	Price (£)
Universal FMS (Fleet Management System) connector with wiring, to read information as defined in the truck manufacturers' FMS standard.	006407	
10 year subscription PACCAR Connect. PACCAR Connect is an online fleet management system providing insight in relevant truck, driver, and location information.	007707	
No toll collect	009680	
Digital (smart) tachograph Stoneridge SE5000 Connect with Galileo Navigation Satellite System (GNSS) receiver, OS-NMA service declaration and dedicated short-range communications (DSRC) unit, compliant to EU Mobility package 1 as described in the EU tachograph regulations.	003262	
Speed limiter setting for cruise control/accelerator pedal: 85 km/h.	006923	
No tacho calibration	001431	
DAF Infotainment System: FM/DAB/DAB+ radio integrated in the system as well as streaming functionalities via USB and Bluetooth. Audio information displayed on the digital instrument panel. Controls via right-hand spoke of the steering wheel. Option does not include a separate infotainment display. The Basic speaker system consists of three speakers: two bass speakers in the door panels (one in each door) and a full-range frequency speaker at the centre of the dashboard.	001171	
No TruckPhone	007260	
No Emergency response system	007515	
Combi-antenna for AM/FM, GSM and GPS. GSM ranges 900 MHz, 1800 MHz and GPRS.	009624	

Cruise Control with Forward Collision Warning (FCW) and Advanced Emergency Braking System (AEBS).	001254	0.00
Driver Performance Assistant (DPA). Interactive programme to support the driver in achieving the most cost effective driving style. The DPA information is shown on the 5 inch full colour TFT display in the instrument panel.	015105	0.00

Safety and security	Option code	Price (£)
Broadband reverse warning with self-adjusting volume.	007414	0.00
No Traffic Sign Assist	002567	0.00
DAF drowsiness & distraction detection assesses the driver's alertness through vehicle system analysis and warns the driver, when deemed necessary. Additionaly, the system monitors drivers focus using visual data.	003628	0.00
Drive-off Assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.	001932	0.00
Safety system that detects and informs the driver of a moving object near the co-driver's side of the vehicle. The system also supports the driver to prevent collisions with other road users when changing lane.	002641	0.00
Preparation for an alcohol interlock system.	003525	0.00
No air bag	008630	0.00
No fire extinguisher	004566	0.00
Lane Departure Warning System to prevent inadvertent lane changes due to driver's fatigue or distraction and to form an effective driving aid in low visibility conditions.	009992	0.00
Electronic Vehicle Stability Control system (VSC) to enhance the active driving safety. Improved directional stability (understeer, oversteer jack-knifing) and additional roll-over safety.	009491	0.00
Basic motor immobiliser with interruption of the starter motor circuit.	006632	0.00
No safety regulations	002931	0.00
No City Safety Package	001969	0.00
The vehicle supplied by DAF is compliant with UN Regulation R155 concerning cyber security management systems as well as UN Regulation R156 concerning software update management systems.	017293	0.00

Suspension and axles	Option code	Price (£)
Front axle type 152N, 100 mm vertical offset. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 7.5 tonnes.	006883	0.00
Front axle 1, 7500 kg, tyre load index 154	008036	0.00
Single reduction driven rear axle type SR1344 with adjustable electronically controlled 4-bellow air suspension, including shock absorbers and stabiliser. Max. load 13.0 tonnes. Mechanical differential lock.	003575	0.00
Rear axle 1, 13000 kg, tyre load index 149	008115	0.00

Wheels and tyres	Option code	
Disc wheels aluminium, Alcoa Dura-Bright, mounting holes 32 mm.	002434	
Supplier Continental.	006005	
Front axle: tyre size 315/70R22.5, Continental type CEPS5, load index 158/150, speed index L, application Steering - Long distance. Tyre label: rolling resistance A (3,60N/kN) - wet grip B - noise 71dB(A), Category A - 3PMSF - M+S.	018262	
Driven rear axle: tyre size 315/70R22.5, Continental type CEPD5, load index 154/150, speed index L, application Traction - Long distance. Tyre label: rolling resistance A (3,40N/kN) - wet grip C - noise 73dB(A), Category A - 3PMSF - M+S.	018259	0.00
Front axle(s): tyre size 315/70R22.5, wheel size 22.5 x 9.00.	003274	0.00
Driven rear axle(s): tyre size 315/70R22.5, wheel size 22.5 x 9.00.	003479	0.00
No spare tyre	000614	0.00
Tyre pressure monitoring.	008102	0.00
Wheel protection rings with open centre section, colour silver-grey (RAL 9006).	003692	0.00
Spare wheel tyre not applicable.	030909	0.00

Driveline	Option code	Price (£)
No engine.	004978	0.00
E-Motor EX-M2, 190 kW. Direct drive electric motor. Peak torque 3500 Nm at 200-550 rpm. Max continuous torque 2000 Nm at 0-900 rpm.	000652	0.00
Up to 150 kW DC or 22 kW AC charging (including AC/DC converter) with CCS2 connector. Charge connection is positioned near front mudguard on the driver side.	001749	0.00

Battery Electric Vehicle.	009900	0.00
Rear axle ratio 5.57.	003431	0.00
Driven rear axle with a mechanical differential lock.	002843	0.00
The ASR (anti-slip regulation) system prevents the driven wheels from slipping when accelerating at driving off and helps the vehicle to remain stable on critical road surfaces.	003721	0.00

Brake system	Option code	Price (£)
Park brake control with spoken park brake warning.	009524	
No spring brake cylinder front axle 1	004900	0.00
No brake resistor	001856	0.00

Chassis	Option code	
Rear light unit with LEDs.	003323	
Wheelbase 6.25 m / rear overhang 2.88 m.	000198	
2 C-type high voltage battery packs, providing 210 kWh installed (available energy: 185 kWh). One battery pack is positioned behind the front axle at the right-hand side of the chassis (position R1), the other one is positioned behind the front axle at the left-hand side of the chassis (position L1).	000684	
Side member height 270 mm, thickness 8.0 mm. No inner reinforcement.	000450	0.00
Standard location of chassis components.	001179	0.00
Battery box position at the left-hand side of the chassis, at rear. No spare wheel carrier.	000543	0.00
Position of charging socket CCS2: at the right-hand side of the chassis, behind front axle mudguard. Socket is covered when not in use. Socket is locked when used. Unlock procedure via button in cab.	002431	0.00
Front underrun protection (FUP), according to EU directive 2000/40/EEC.	006490	0.00
No rear underrun protection	000782	0.00
Spray suppression in the mudguards, according to directive 91/226/EEC.	006332	0.00
No wheel chocks	003623	0.00
Rear light brackets.	002652	0.00

Drawbar and trailer equipment	Option code	Price (£)
Type plate related solo application, without trailer.	007680	0.00
No towing equipment	008908	0.00
No drawbar cross member	003552	0.00
Closing cross member. D-value = 0kN.	004624	0.00
No pneumatic trailer connection	006582	0.00
No electric trailer connection	008200	0.00

Bodies and preparations for bodying	Option code	Price (£)
Galvanized C section cross bearers, spaced 400 mm.	001440	0.00
Contour markings white to the sides, red to the rear. Complies with directive ECE Regulation 48 for Conspicuity markings.	000086	
Body floor with 3 mm aluminium tread plate covering the rear of the body to a distance of 1200 mm from the rear threshold to give additional protection in high impact areas.	002698	
Load securing with double T lashing links.	007579	
Detachable side gates are safety gates that can be mounted to the platform when required, using sockets set into the platform.	003263	
Tail lift restart protector to ensure that the vehicle's batteries are not discharged by tail lift usage to such an extend that the engine can not be started.	001346	
No CAN functions in application connector	009560	
Body attachment BAM 1, with consoles type B.	000126	
Curtain sider body.	001890	
External body length 8540 mm (approx. 28 feet).	001048	
External body width 2540 mm.	004621	
Body height 3055 mm from top of chassis. Overall vehicle height on 295/80 tyres 4.15 m.	001083	
Contour markings.	000067	0.00
Face mounted rear lights at top of rear frame.	001430	0.00
Front bulkhead support. Steel angle profile 50x50 mm, 500 mm long.	001457	0.00
Aluminium kick strips to the interior front, 228 mm.	002712	0.00
Rear double doors.	004662	

Tuck-under tail lift, with roller shutter door. Ideal for occasional use and dock loading/unloading, common for multi-drop duty cycles. Max. capacity 1500 kg. Platform depth 1426 mm, width 2135 mm. Tail lift type: HIAB DEL DA1500HDG.	000313	
Tail lift platform depth 1425 mm.	000757	
Fixed tail lift rear ramp with roll stops.	001017	
No hardwired body signals and warnings	007820	
ECAS control to secure vehicle stability during PTO operation. ECAS control comprises both ECAS in bump position and ECAS freeze.	000839	
No application connector flexible	003228	0.00
No box panels	001383	0.00
No external body protection	002741	0.00
No side door	001442	0.00
Tail lift application	008121	0.00
No anti-slip platform	001151	0.00
No side ramp	001114	0.00

Power take-off (PTO)	Option code	Price (£)
No ePTO	001239	0.00

24V power supply	Option code	Price (£)
Batteries 2x 140 Ah.	000226	370.00

GVM and GCM	Option code	Price (£)
Chassis weight related technical GVM max. 19000 kg.	004669	0.00
Driveline related technical GCM equal to GVM.	003756	0.00

Application conditions	Option code	Price (£)
Application class 10 comprises United Kingdom and Ireland.	009919	0.00
Moderate climatic conditions, with temperatures not below minus 12 degrees Celsius.	001282	0.00
Standard noise level.	009985	0.00
Maximum ambient temperature 38 degrees.	000805	0.00
No radiator protection	004792	0.00
No radiator flyscreen	004986	0.00

Service and maintenance	Option code	Price (£)
Warranty Plus - 3 Year Vehicle & 3 Year Driveline - takes care of all warrantable repairs on the vehicle and driveline for three years together with associated breakdown coverage.	015351	
Warranty Plus - Battery Electric Vehicle, takes care of 2 years complete vehicle as supplied by the OEM (excl. real wear parts), unlimited miles and 1st year breakdown.	001868	
ITS service.	012495	0.00
High Voltage battery warranty: 8 years with at least a battery State of Health of 70%.	002016	0.00
DAF 2 year Full Repair & Maintenance package - includes all planned maintenance, safety and legal inspections, tachograph recalibration, repairs, breakdown recoveries, wear items, MOT preparation, presentation and fees. To a maximum distance of 220,000 km.	012287	0.00
Delivery charge United Kingdom.	012918	0.00
A number of parts used to manufacture a vehicle contain SVHCs (Substances of Very High Concern) as defined in the REACH legislation.	017463	0.00

Vehicle delivery	Option code	Price (£)
British operating area	013999	0.00
No Whole Vehicle Type Approval (WVTA)	008040	0.00
No lifting jack	007568	0.00
Non specific registration	015645	0.00
Type plate EEC.	006617	0.00
CoC document printed in English (EN) language.	017924	0.00
Standard toolkit consisting of a 750 mm control lever, a 30/32 mm wheel nut wrench, a 30 mm box wrench, an approximately 800 mm long torque pipe, a 24/27 mm open end spanner, a T20 and T30/T45 torx screw wrench and a towing coupling with pintle pin.	002019	0.00
No pre-delivery inspection	008011	0.00
CO2 calculation is possible in TOPEC RTS.	016149	0.00

Special request (POV)	Option code	Price (£)
<Description>	012380	0.00

Customer needs	Option code	Price (£)
Distribution, more than 15 drops	013009	0.00
No Specific Regime	010269	0.00
Generator Air Cooled 17kW	016502	0.00
Distribution	013019	0.00
General haulage	013024	0.00
Box body	013046	0.00
No goods type specified	013328	0.00
No goods specified	014569	0.00
No colli type specified	014721	0.00
No colli specified	014731	0.00
Normal	013004	0.00
Flat (0-3%)> Hilly (3-6%) / Mountainous (7-11%)	013011	0.00
No unloading auxiliary	013115	0.00