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XB 310 FA 4X2 Podwozie pod zabudowę, 19t PMC25\_XB FA 19\_SLT\_hooklift \_11 POV WB

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## Vehicle Summary XB 310 FA 4X2 Podwozie pod zabudowę, 19t PMC25\_XB FA 19\_SLT\_hooklift \_11 POV WB

Application packages 1	No application option
Cab version	Day Cab
Roof air deflector	No roof air deflector
Cab colour	E1980WHTE
Connected Services	PACCAR Connect
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
Supplier tyres	Goodyear
Tyres fr1 or fr axles	F1,315/80R22.5GO KMAXS2 156/150 L Steering CBA
Tyres driven rear axle(s)	R1,315/80R22.5GO KMAXD2 156/150 L Traction DCA
Spare tyre	SP,315/80R22.5GO KMAXD2 156/150 L Traction DCA
Engine	Engine PX-7 , 227 kW/308 hp. Cab Badge: 310
Exhaust emission	Exhaust emission Euro 6
Gearbox execution	Automatic gearbox PowerLine, 8-speed
Rear axle ratio	Rear axle ratio 5.57
Wheelbase / rear overhang	Wheelbase 4.15 m / rear overhang 1.83 m
Chassis component layout	Standard component location
Fuel tank	Plastic fuel tank 200 I
Tank for AdBlue® position and content	Tank for AdBlue® 30 I, right-hand side chassis
Type plate related drawbar or solo application	Type plate related drawbar appl. up to max GCM
Body type	No ex works body type
Chassis weight related gross vehicle mass GVM	Chassis weight related technical GVM max 19000 kg
Vehicle warranty	Standard Warranty - 1Y Full - 2nd year DL - 1Y BD



# Detailed Specification XB 310 FA 4X2 Podwozie pod zabudowę, 19t PMC25\_XB FA 19\_SLT\_hooklift \_11 POV WB

#### CAB EXTERIOR

- Day Cab with steel bumper, tinted glass and electric window openers. Main mirrors and wide angle mirrors electrically heated. Cab width 2130 mm.
- Maintenance free 4-point mechanical cab suspension with integrated shock absorbers.
- Translucent external sun visor above the windscreen, colour green.
- Bi-reflector halogen head lights with impact-resistant Lexan lens.
- Head light beam for right-hand traffic.
- Daytime running lights.
- Bumper mounted fog lights.
- Single glazed window in the cab rear wall.
- Green tinted glass.
- Main mirror and wide angle mirror at driver's side and co-driver's side. Kerb view mirror at co-driver's side.
- Electrical adjustment of the main mirrors.
- Mirror brackets for body width 2.40 2.50 m.
- Front view mirror to comply with EC directive 2003/97/EC for frontal field of view.
- Camera at the rear of the vehicle for rear view. Camera images will be shown on a dedicated display.
- Central door lock system with exterior light check function. Includes 2 remote control units and 2 transponder keys.

#### COLOURS

- Cab colour: E1980WHTE
- Colour of the headlamp panel and the bumper: Stone Grey.
- Lower cab step cover, cab steps and wing Stone Grey.
- Chassis colour grey.

#### CAB INTERIOR

- Left-hand drive.
- Black steering wheel with soft grip finish.
- Steering column rake and height adjustment with pneumatically controlled lock.
- 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.
- Arm rest on the driver seat.



- Dual mate seat with velour upholstery. Both seats with head rest and three-point seat belt. Storage space under the outer seat cushion.
- Seat belts black.
- Manually controlled airco with air recirculation.
- Roof hatch with manual control.
- Electric window openers.
- Converter 24V to 12V, 15A, 180W.
- ECAS remote control to activate normal driving height, to raise/lower the rear axle and to stop any adjustment.

#### COMMUNICATION AND DRIVING MANAGEMENT

- Universal FMS (Fleet Management System) connector with wiring, to read information as defined in the truck manufacturers' FMS standard.
- 10 year subscription for PACCAR Connect. PACCAR Connect is an online fleet management system giving insight in relevant truck, driver and location information.
- Digital (smart) tachograph VDO DTCO with Global Navigation Satellite System (GNSS) receiver and Dedicated short-range communications (DSRC) unit, compliant to EU Mobility package 1 as described in the EU tachograph regulations.
- Speed limiter setting 85 km/h nominal. The tolerance enables a maximum vehicle speed of 88.5 km/h.
- 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.
- Combi-antenna for AM/FM, GSM and GPS. GSM ranges 900 MHz, 1800 MHz and GPRS.
- ACC (Adaptive Cruise Control) with FCW (Forward Collision Warning) and AEBS-3 (AEBS: Advanced Emergency Braking System). With ACC a set distance to the traffic ahead can be maintained; safety systems FCW and AEBS assist in avoiding or mitigating the impact of an impending collision with various moving or stationary objects in front of the vehicle, like other road users or crossing pedestrians, by alerting the driver and activating the brakes if necessary.
- 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.

#### SAFETY AND SECURITY

- Speed limit recognition informs the driver of the maximum permitted speed, using map-based information and traffic sign recognition via a camera at the front of the vehicle.
- DAF drowsiness detection assesses the driver's alertness through vehicle systems analysis and warns the driver, when deemed necessary.
- 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.



- Electronic Vehicle Stability Control system (VSC) to enhance the active driving safety. Improved directional stability (understeer, oversteer jack-knifing) and additional roll-over safety.
- Acoustic reverse warning with override switch.
- Basic engine immobiliser with fuel injection inhibit and interruption of the starter motor circuit.
- Drive-off Assist informs the driver of vulnerable road users in the front bumper area and, if applicable, warns the driver to prevent collision.
- 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.
- Preparation for an alcohol interlock system.
- 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.

#### SUSPENSION AND AXLES

- Front axle type 152N, 100 mm vertical offset. Parabolic leaf suspension with shock absorbers and stabiliser. Max. load 7.5 tonnes.
- 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.

#### WHEELS AND TYRES

- Front axle(s): tyre size 315/80R22.5, wheel size 22.5 x 9.00.
- Driven rear axle(s): tyre size 315/80R22.5, wheel size 22.5 x 9.00.
- Spare: tyre size 315/80R22.5, wheel size 22.5 x 9.00.
- Supplier Goodyear.
- Tyre pressure monitoring.
- Steel disc wheels, silvergrey.
- Wheel protection rings with open centre section, colour silver-grey (RAL 9006).
- Front axle: tyre size 315/80R22.5, Goodyear type KMAXS2, load index 156/150, speed index L, application Steering Regional. Tyre label: rolling resistance C wet grip B noise 71dB(A), Category A.
- Driven rear axle: tyre size 315/80R22.5, Goodyear type KMAXD2, load index 156/150, speed index L, application Traction Regional. Tyre label: rolling resistance D wet grip C noise 72dB(A), Category A.
- Spare wheel: tyre size 315/80R22.5, Goodyear type KMAXD2, load index 156/150, speed index L, application Traction Regional. Tyre label: rolling resistance D wet grip C noise 72dB(A), Category A.

#### DRIVELINE

- Engine PX-7, 6 cylinder diesel engine, 6.7 litres. Output 227 kW (308 hp) at 2300 rpm. Max. torque 1190 Nm at 1200-1500 rpm.
- Exhaust emission Euro 6.

- Automatic gearbox PowerLine, 8-speeds.
- Automatic overdrive gearbox PowerLine 8AP1200, ratio 4.89-0.64, 8 speeds.
- Automated gearbox software optimised for standard transport applications. Gearbox control version: Full.
- Rear axle ratio 5.57.
- Driven rear axle with a mechanical differential lock.
- 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.

#### BRAKE SYSTEM

- Exhaust brake. Function integration in the Electronic Brake System. If switched on with the steering wheel switch, the exhaust brake will operate on throttle release.
- Park brake control with test position.

#### CHASSIS

- Wheelbase 4.15 m / rear overhang 1.83 m.
- Side member height 270 mm, thickness 8.0 mm. No inner reinforcement.
- Standard location of chassis components.
- EAS unit and rearward exhaust discharge at the right-hand side of the chassis.
- Battery box at the left-hand side. No spare wheel carrier.
- Plastic fuel tank 200 litres.
- Fuel tank at the left-hand side of the chassis.
- 30 litres tank for AdBlue<sup>©</sup> positioned at the right-hand side of the chassis.
- Filler cap without lock for tank for AdBlue®.
- Front underrun protection (FUP), according to EU directive 2000/40/EEC.
- Rear underrun protection.
- Spray suppression in the mudguards, according to directive 91/226/EEC.
- One wheel chock according to DIN 76051, mounted in the chassis rear overhang.
- Rear light brackets.
- Rear light unit with bulbs.

#### DRAWBAR AND TRAILER EQUIPMENT

- Type plate related drawbar application, up to the maximum allowable GCM.
- Drawbar cross member D-value 85 kN, Dc-value 70 kN, V-value 25 kN. Trailer coupling D-value 85 kN. Cross member and coupling installed on the chassis.
- Pneumatic trailer connection with palm type couplings.
- Electric trailer connection 24 V with two 7-pin sockets. An additional 7-pin socket is mounted to connect the EBS system of the (semi-)trailer.

#### BODIES AND PREPARATIONS FOR BODYING

- Hardwired body signals and warnings.
- Connector for hardwired engine speed control on the chassis (A068). Control functions for engine speed adjustment, programmed engine speed selection and application speed limiter.
- CAN J1939 functions in application connector (A105).
- Loose supply of a wiring loom with LED-type side marker lights.
- Standard body attachment hole pattern.

#### POWER TAKE-OFF (PTO)

- First gearbox PTO type P58-Z1-P25-294, mounted on the right side of the gearbox counter shaft, direct DIN 5462 connection. PTO in combination with PowerLine gearbox. Rotation: counter clockwise. Operation: continuous. Maximum output torque: 570 Nm. Speed factor: 1.214 (e.g. PTO output speed at 1000 rpm: 1214 rpm). More detailed info on BBI+.

#### 24V POWER SUPPLY

- Alternator 80 A, batteries 2x 175 Ah.

#### GVM AND GCM

- Chassis weight related technical GVM max. 19000 kg.
- Driveline related max GCM 28000 kg.

#### APPLICATION CONDITIONS

- Application class 0 comprises Western-Europe excluding United Kingdom and Ireland.
- Standard noise level.
- Cold climatic conditions, with temperatures below minus 12 degrees Celsius.
- Maximum ambient temperature 38 degrees.
- Moisture separator with 30 micron filter element and heated filter bowl. Status panel with drain warning on the dashboard.
- Air intake high behind cab.

#### 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.
- A number of parts used to manufacture a vehicle contain SVHCs (Substances of Very High Concern) as defined in the REACH legislation.

#### VEHICLE DELIVERY

- Whole Vehicle Type Approval (WVTA) for European Union.

- Type plate EEC.
- CoC document printed in Polish (PL) language.
- Lifting jack.
- 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.
- CO2 calculation is possible in TOPEC RTS.

#### SPECIAL REQUEST (POV)

- AB - Demountable body - Hooklift Wheelbase 3,75, overhang 1,63 m Like last approved POV 11662 / 00

**CUSTOMER NEEDS** 

#### DAF THIRD PARTY WORK

- SLT Hooklift HSL 12.40



### Date: 29 January 2025

# For: Artur Sosnowski Company: DAF TRUCKS POLSKA Offer number: SLT-25-01-29 mc

Prepared by: Maciej Stępka Sales Manager +48 693 863 193 maciej.stepka@sltgroup.pl

# Offer on

# Hooklift HSL 12.40 with montage

(The chassis must meet the specifications of the bodywork supplier)

## **Technical specification of HSL 12 with montage:**

- ✓ Nominal loading capacity: Up to 12t\*,
- ✓ Maximum length of containers to be transported: 4500 mm,
- ✓ Hook height:  $H= 1200 \text{ mm}^*$ ,
- ✓ Device length (from the center of the hook to the rear guide roller) 4000 mm,
- ✓ Weight of the device: approx. 1300 kg  $\pm$  5% \*,
- ✓ Main structural components are made using welded high-grade steel technology,
- ✓ Oil tank,
- ✓ Hydraulic pump,
- ✓ Two master cylinders,
- ✓ Length-adjustable main cylinder,
- ✓ Telescopic (sliding) main arm,
- ✓ Wide rollers for stable container guidance,
- ✓ Hooklift superstructure frame made of high-grade steel,
- $\checkmark$  Electric control from inside the cab,
- ✓ Hydraulic cylinder seals from renowned company,
- $\checkmark$  Main control valve and hydraulic locks from renowned company,
- $\checkmark$  Hydraulic lock with visual indication of locking in the driver's cab,



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- ✓ The steel structure is shot-blasted, then painted with epoxy primer and polyurethane topcoat using the RAL colour system,
- ✓ Hook of the unit made of HARDOX wear-resistant steel,
- ✓ Bronze bushing bearing turntable elements,
- ✓ Hydraulic tubes galvanised and painted with primer and topcoat, matching the colour of the unit,
- ✓ All components of the unit made using welded technology (no castings).

\*Values may differ depending on the model of hooklift and chassis.

✓ The vehicle should be equipped with a PTO, wheel mudguards, side markings lights, rear bumper, lateral underrun protecion (chassis above 3.5 GVW) - in their absence, their cost should be added.

## **Cooperation therms:**

Payment conditions:	TBD
Delivery conditions:	After bodybuilding, transport to the indicated DAF dealer
Delivery time:	TBD
The validity of the offer:	14 days
12 month guarantee:	Included in price
24 month guarantee:	+ 7% of the value of the order (with additional equipmenet)
Majeure force:	The Seller reserves the right to negotiate the price by the same amount by which the materials / components for production will increase above 3%. In the event of a disagreement, the order may be canceled.

