

Fiat Ducato X250 · Chilled transport with electric refrigeration

Fiat Ducato X250 as a Kerstner refrigerated vehicle for Chilled transport: refrigeration, insulation and equipment as a coordinated complete solution.



Brand	Fiat
Model	Ducato X250
Application	Chilled transport
Refrigeration technology	Electric refrigeration

Product data: 22.09.2026

Conversion specification

Base vehicle: panel van, front-wheel drive, X250 platform, sliding door on the right, internal combustion engine (ICE)

The Kerstner chilled goods conversion for the Fiat Ducato combines the highest insulation performance with consistent practicality – developed and manufactured for everyday use in food and chilled goods transport.

The conversion achieves a K coefficient of below 0.4 W/m²K and is classified as “heavily insulated” under ATP requirements. This is made possible by the seamless connection of all insulation elements – including at the sliding door – without gaps or thermal bridges.

The electric refrigeration system reliably maintains the temperature range from 0 °C to +20°C throughout the journey.

The polyurethane insulation components are water-repellent, antibacterial and impact-resistant, and meet the requirements of the ATP and HACCP guidelines. The easy-to-clean surface reduces the effort required to maintain hygiene in day-to-day operation.

Thanks to its computer-optimised fit, the conversion provides a usable load volume of 7.7 - 9.7 m³ with unobstructed clearance between the wheel arches, suitable for loading Euro pallets.

Variants and load compartment data

L2H2 (7.7m3)

front-wheel drive, 2800mm

Wheelbase	3450 mm
Load compartment length	2800 mm
Width between wheel arches	1260 mm
Upper width	1620 mm
Interior height	1690 mm
Evaporator height	100 mm
Load volume	7,7 m ³
Euro pallets	3-4
Gewicht Ausbau	400 kg
Compatible refrigeration units	CoolJet C206 EA

L3H2 (9.7m3)

front-wheel drive, 3390mm

Wheelbase	4035 mm
Load compartment length	3390 mm
Width between wheel arches	1260 mm
Upper width	1620 mm
Interior height	1690 mm
Evaporator height	100 mm
Load volume	9,7 m ³
Euro pallets	4-5
Gewicht Ausbau	420 kg
Compatible refrigeration units	CoolJet C206 EA

Refrigeration technology

Temperature range: on request

CoolJet C206 EA

Underfloor · Stationary refrigeration: optional

Application: chilled goods transport

Type: underfloor unit

Refrigeration capacity: max. 1420W at 0°C

Operating voltage: 12 V

Max. current draw: 79 A

Airflow: 581m³/h

Refrigerant: R134a

Installation height: unchanged

Standard equipment

- Kerstner easyfit insulation (K coefficient =0.37)
- Belt-driven or electric refrigeration system for refrigeration while driving
- PU floor with water-retaining sill at the sliding door and 2 water drains
- Aluminium impact protection (approx. 20 cm high) on the left, right (except sliding door) and front wall
- Horizontal half-round lashing rails above the wheel arches on the left and right
- LED interior light + emergency release

Vehicle codes

Required codes

- 149 – Full bulkhead without window
- 081 / 7KK / 782/ AWE – Converter package (alternator 220A, battery 105Ah)
- 619 – Double rear doors without rear windows, with 260° hinges
- Standard – Right sliding door, solid panel without window
- - - Beifahrerdoppelsitzbank – Pflicht bei Standkuehlung
- - - Nebenabtrieb bei C206RA/RC – bei C206 RA/RC

Excluded codes

- 8XD / 8X7 / 5V6 / 5V7 / 361 – Load floor/side linings
- - - Dachablage über Frontscheibe
- 055 – Left sliding door

- - - Start-Stop-Funktion (oder Deaktivierung)
- Construction site packages/cargo packages
- 4DH – Spare wheel for underfloor unit – For C206EA

Equipment and accessories

Required accessories

TÜV assessment / Stage II certificate of conformity (COC)

Required accessories · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Required for submission at registration

Quantity: default 1, minimum 1 units

Optional accessories

Aluminium floor panel L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Aluminium floor panel L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Non-slip load floor mat L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Non-slip load floor mat L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Non-slip mat for shelf

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Shelf set I (1 shelf)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Shelf set II (2 shelves one above the other)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

PVC strip curtain for the rear opening

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

PVC strip curtain for the sliding door

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Additional horizontal lashing rails on the left and right L2

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Additional horizontal lashing rails on the left and right L3

Optional · Suitable for: L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Front-wall lashing rail

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

ATP certificate FRAX

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Telescopic load restraint bar, 1 piece

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Transsafe load restraint bar

Universally compatible with all airline tracks

Quantity: default 1, minimum 1 units

Telescopic load restraint bar package, 2 pieces

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Transsafe load restraint bar

Universally compatible with all airline tracks

Quantity: default 1, minimum 1 units

Bär VanLift FreeAccess A2V

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Platform dimensions: 1830 mm (height) x 1330 mm*** (width)

Load capacity: 600 kg

Load centre: 600 mm

Vertically folded platform, stowed behind the left rear door

Bär SmartControl Basic handheld remote control

Includes two-part VanBridge. It provides a seamless transition between the platform and load floor via an unloaded rubber hinge. Ribbed surface for secure footing. Can be locked upright in the load compartment while driving

Includes two-part roll stops for roll containers, opening angle approx. 90 degrees

Includes foot switch unit, LED warning lights, warning flags, registration plate light and number plate lights on the platform, activation from the cab

Includes platform rear surface powder-coated in RAL 9006 White aluminium. Anodised edge profile

Includes 2-year warranty

Gewicht: Ca. 190 kg

Quantity: default 1, minimum 1 units

Emergency operation

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Detachable towball coupling complete with ball, D-value 21 kN

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Lashing strap package (2 straps)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Quantity: default 1, minimum 1 units

Partition in load compartment for multi-compartment solution

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Increased door-closing forces: Installing a partition increases the force required to close the doors and can lead to increased sliding-door wear over time. Please also note: If a fixed multi-compartment partition without a passage is installed in the load compartment, the German employers' liability insurance association (BG) rules require a step at the sliding door, because the partition removes access to the front compartment through the rear doors. According to the BG, the customer may not enter the front compartment without a step and may only load and unload it from outside.

Quantity: default 1, minimum 1 units

Euroscan RX3 temperature recorder with 2 sensors (available DIN slot required)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Euroscan RT8 RX 4G LTE temperature recorder with 2 sensors (available DIN slot required)

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

DIN slot supplied by Kerstner if not fitted at the factory

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Position chosen at Kerstner's discretion according to available cab space

Stationary refrigeration 230V

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Including external socket and 8m connecting cable

Warranty extension to 3 years

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Warranty extension from 24 to 36 months

– according to our warranty terms –

Warranty extension to 4 years

Optional · Suitable for: L2H2 (7.7m3) / CoolJet C206 EA; L3H2 (9.7m3) / CoolJet C206 EA

Warranty extension from 24 to 48 months

– according to our warranty terms –

Product page: <https://kerstner.de/en/fiat-ducato-x250-chilled-goods-electric-refrigeration/>