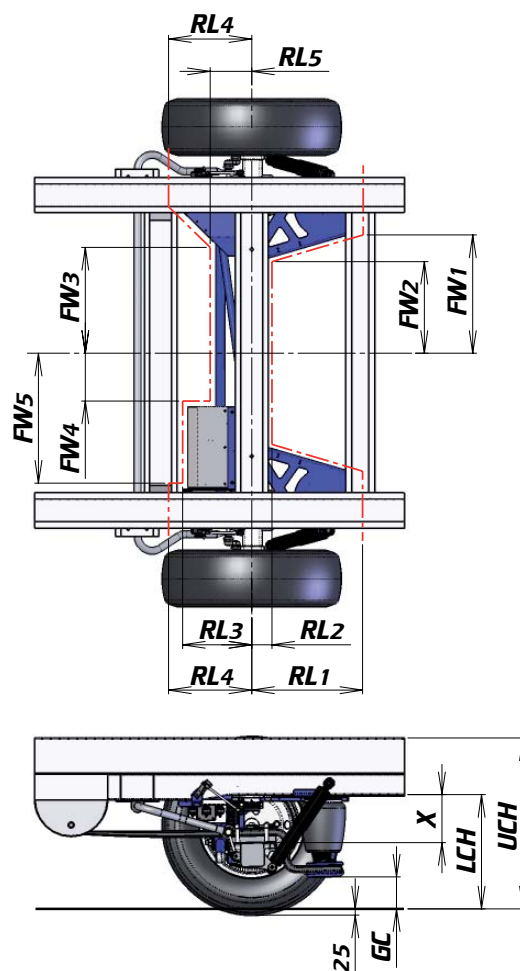


• **VB-FullAir-2C** **Technical specifications**



Fiat Ducato X-250



Description*	Lowest position	Ride-height	Highest position
Lower chassis height (LCH)	380	445	490
Upper chassis height (UCH)	610	675	720
Ground clearance (GC)	135	115	107
X-value (X) **	140	205	250
Rear length (RL1 / RL2 / RL3 / RL4 / RL5)	480 / 60 / 280 / 330 / 165		
Frame width (FW1 / FW2 / FW3 / FW4 / FW5)	450 / 345 / 420 / 190 / 515		

* All the measurements are in mm, measured above the centre-line of the rear axle on a standard chassis, with tyre size 225/70R15 and a rear axle load of 1920kg. Therefore a tyre compression of 25mm is included.

** The X-value is the measure between the rear axle and the underside of the cross beam, in the middle of the vehicle

Fiat Ducato X-250

Technical specifications

Air-suspension system

Suspension system contains mainsprings (trailing arms) with air-springs and shock absorbers. The system has a dual-air-circuit with two height sensors.

The electronics of the air suspension is tested according to EMC (European directives for electronics) directive 72/245/EEC last amended, 2006/28/EC.

The air-suspension can be controlled by the supplied remote control. There are different options for this: VB-SRC (Standard Remote Control) or a simple control unit. It's even possible to control the system through the electrical system or CAN-bus system of the body builder. For more information, contact VB-Airsuspension.

Weights

The weight change of the vehicle after switching to air-suspension depends of the kind of leaf springs removed.

For leaf spring C435 CT2353: +38kg
For leaf spring C453 CT351: +52kg

Raise- and lowertimes

The raise and lower times depends on the load of the vehicle. The measured values are measured by a rear axle load of 1920kg.

Raise time lowest position > ride height:	30 sec
Raise time ride height > highest position:	60 sec
Lower time highest position > ride height:	21 sec
Lower time ride height > lowest position:	9 sec

Compressor

Contains an air dryer, thermal circuit breaker and a pressure protection valve.

Operating voltage:	12V
Nominal current:	26A
Starting current:	≤ 120A over t ≤ 100ms
Degree of protection :	IP68
Maximum pressure:	10-13 bar

Air-spring

VB-TS (Tapered Sleeve) with double polyamide cord ply and extra low resistance and hysteresis. This air-spring is specially developed for use with light commercial vehicles.

Shock absorber

Adjustable, double-acting shock absorber.

Options

- Emergency valve kit 2C
- Rear-door switch kit
- Extra-time module
- VB-AOWS (Axle Overloading Warning System)

Notes

For the fitting of the air-suspension kit the factory option 081 is required.

By fitting the air-suspension kit, the maximum GVW or the maximum axle load is not altered.

This air-suspension kit is also available with full air-suspension for the front-axle. For more information, please contact VB-Airsuspension.

The measured weights are approximately determined.



The technical specifications are the standard VB-Airsuspension versions. Other specifications are on request.
VB-Airsuspension reserves the right to make changes without prior notification

11-2009