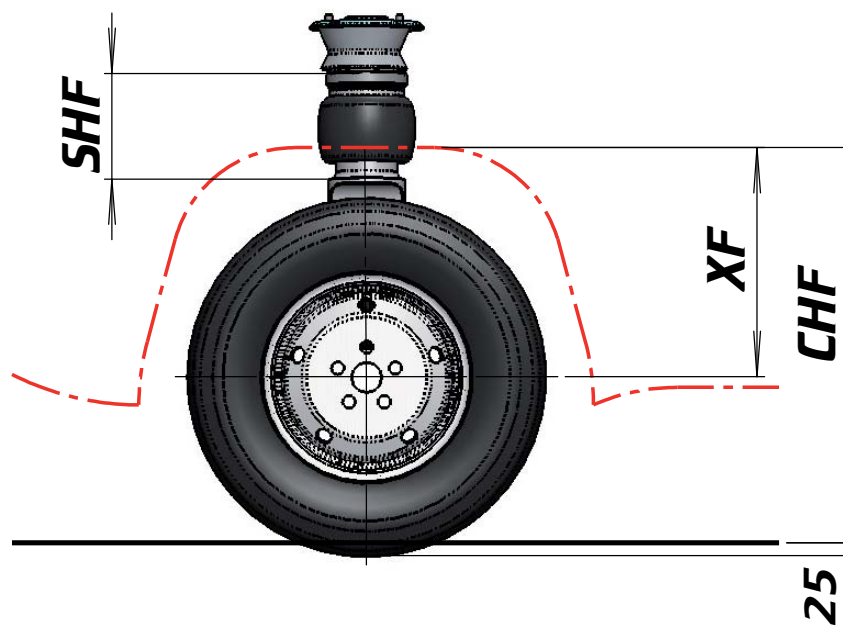


• **VB-FullAir-2C**  
**Technical specifications**



**Fiat Ducato X-250**  
**for the front axle**



<b>Description*</b>	<b>Lowest position</b>	<b>Ride-height</b>	<b>Highest position</b>
X-value front axle (XF)	370	465	535
Chassis height front axle (CHF)	690	785	855
Air-spring height (SHF)	125	210	270

\* All the measurements are in mm, measured on a standard chassis, with tyre size 225/70R15, a front axle load of 1650kg. Therefore a tyre compression of 25mm is included.

# Fiat Ducato X-250

## Technical specifications

### **Air-suspension system**

Suspension system contains McPherson struts with air-springs. The system has a separated-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: VB-BRC (Basic Remote Control). 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 is: +15kg.

### **Raise- and lowertimes**

The raise and lower times depends on the load of the vehicle. The measured values are measured by a front axle load of 1650kg.

Raise time lowest position > ride height:	49 sec
Raise time ride height > highest position:	72 sec
Lower time highest position > ride height:	26 sec
Lower time ride height > lowest position:	21 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**

Double-acting shock absorber with FSD.

### **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 can be combined with a full air-suspension for a standard rear axle or for vehicles with ALKO chassis. For more information, please contact VB-Airsuspension.

The measured weights are approximately determined.