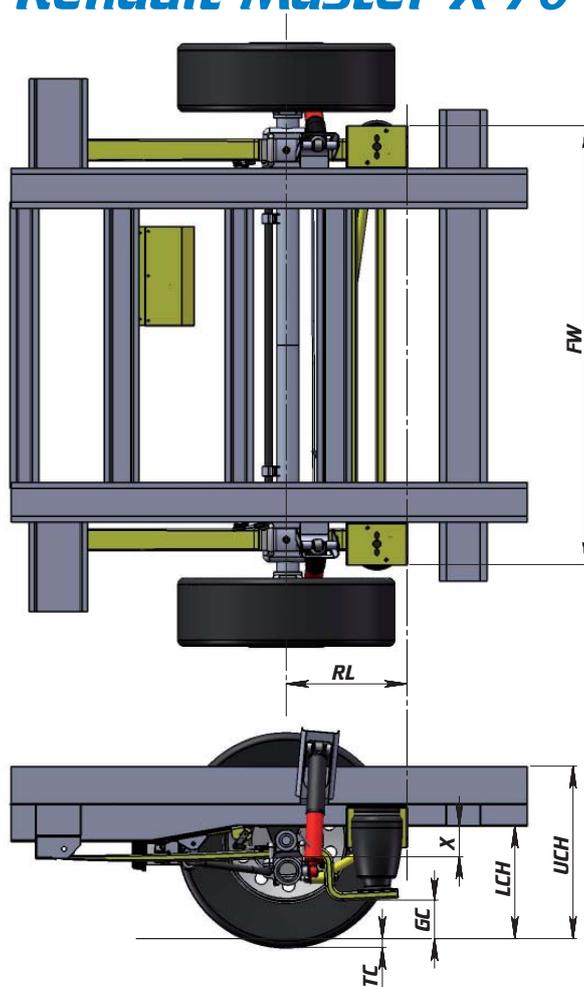


- **VB-FullAir-2C**
Technical specifications



Renault Master X-70



| <i>Description*</i> | <i>Min. height</i> | <i>Ride-height</i> | <i>Max. height</i> |
|----------------------------|--------------------|--------------------|--------------------|
| Lower chassis height (LCH) | 300 | 375 | 405 |
| Upper chassis height (UCH) | 495 | 570 | 600 |
| Ground clearance (GC) | 155 | 133 | 120 |
| X-value (X) | 35 | 110 | 140 |
| Rear length (RL) | 390 | | |
| Frame width (FW) | 1115 | | |

* All the measurements are in mm, measured above the centre-line of the rear axle on a standard chassis, with tyre size 225/65R16 and a rear axle load of 1870kg. Therefore a tyre compression of 25mm is included.

Renault Master X-70

Technical specifications

Air-suspension system

Suspension system contains mainsprings (trailing arms) with air-springs, shock absorbers and a stabiliser bar. The system has a dual-air-circuit with twin 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 is +25 kg

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 1870 kg.

Raise time lowest position > ride height: 30 sec
Raise time ride height > highest position: 61 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: $\leq 120A$ over $t \leq 100ms$
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

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 electronics for external air-supply or with an increased driving height. For more information, please contact VB-Airsuspension.

The measured weights are approximately determined.

