

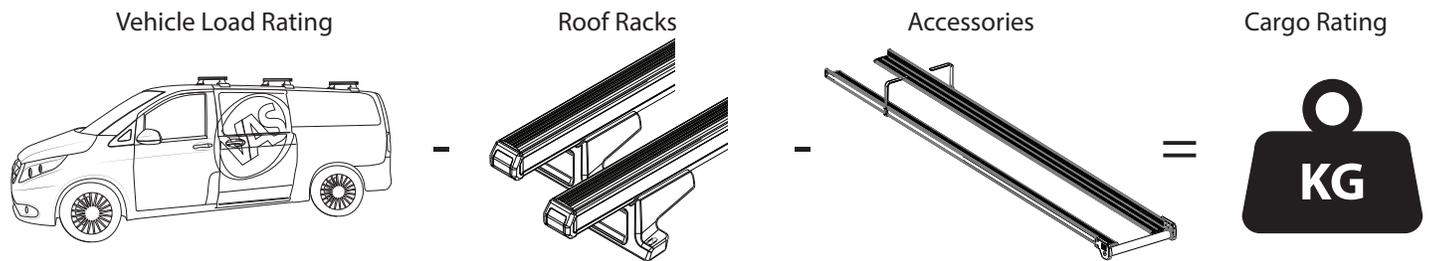
## VAS Load Rating

Do you find it complicated to work out how much weight you can carry on top of your vehicle? Let us simplify it for you. There are a few important factors to take into consideration when calculating how much weight you can carry on top of your vehicle:

- Dynamic V's Static Load Rating – Your vehicle in motion vs stationary.
- On-Road Load Rating - Driving on sealed roads.
- Off-Road Load Rating - Driving on uneven, unsealed or dirt roads.
- Cargo Rating - The load you can carry on your roof racks and accessories.

To avoid overloading your vehicle, **take the vehicle load rating and subtract the weight of the roof rack, your accessories and your load, this will give you your load cargo rating.**

Simply, if your vehicle has a manufacturer's maximum load rating of 80kg, your kit is rated to 80kg, your roof racks are rated to 75kg and your roof box says it can carry 120kg, the MAXIMUM you can carry on your roof racks is 75kg. Just think of this as the weakest link in the chain concept.



VAS display the vehicles moving (dynamic) load rating for on-road driving, found on our website and our instructions. Static loads are generally higher, please refer to the vehicles manual or refer to the manufacturer.

For off-road use, the rule of thumb is that you need to reduce the load rating by 30% for fixed point, track and other mounts, this is due to the extra bumpiness that radiates through your vehicle including your roof racks.

Remember, load ratings for a system assume that any load is spread evenly as excessive loading on a point will cause damage and instability to your vehicle, this will void any warranty and may void any vehicle warranty.

All loads on top of your vehicle must be secured using appropriate straps and anchor points. It is the driver's responsibility to ensure they are compliant with the state laws and have safely secured their cargo.

It is important that all roof racks and accessories are installed correctly, incorrect instalment may void any warranty and could result in an accident, serious injury or death to others. All attachments and bolts should be check periodically as well as a visual inspection for wear and tear. Always follow the fitting instructions when installing roof rack systems. If you have any questions regarding installation, please contact the dealer or the retailer where you purchased from.

If you are still in doubt, please drop us a line at [sales@vascommercial.com.au](mailto:sales@vascommercial.com.au) or call direct on +61 2 9631 0555.

## Key Points

- Always ensure roof racks and accessories are installed correctly.
- Load rating is the lowest maximum rating of the various components, such as vehicle roof, roof racks and accessories.
- Static loads can increase by up to a multiple of three (confirm with vehicle manufacturer).
- Going off-road, your load rating reduces by 30%.
- Ensure your load is evenly spread to avoid damage and instability of your vehicle.