

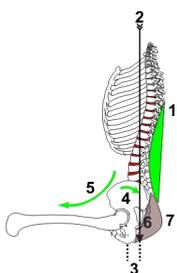
Whole-body vibration and ergonomic seating solutions tailored to drivers occupation



Proven studies conclude that Long periods of sitting or driving puts stress on your back and compresses your spine. A massive tool in helping reduce this ailment is lumbar support, that is why we offer lumbar support as standard on our entire driver seating range

Back disorders are the most common form of ill health at work and costs the UK economy estimated £7bn a year. The exact cause of back pain is often unclear but back pain is more common in jobs that involve driving, especially over long distances or machinery operated over rough ground.

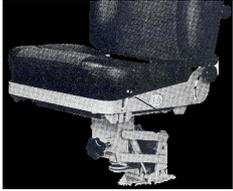
Driving exposes the vehicle's occupants to whole-body vibration that may include the shocks and jolts that are believed to increase the likelihood of injury or pain in the lower back. It is estimated that 9.0 million workers are exposed to Whole Body Vibration each week and a staggering 383,000 workers are exposed to magnitudes greater than 15 VDV.



During a working shift driving a bus, coach, construction machine or truck, the human back goes through every extremity not only from the driving position but from the vehicles vibrations either from the terrain the vehicle is working on or simple "jolts" created on the road from potholes. Even a bus driver taking fares can go through many twists and turns throughout their working day as they greet passengers or navigate bus stops through heavy traffic checking mirrors.

A Common Misconception is a really soft spongy seat is the best option for maximum comfort,

whilst this is true for the first hour of sitting, quickly the body does find this uncomfortable and occupants start to move in the seat trying to gain a suitable posture. In order to maintain a low level of VDV the seat must be firm with good support and with various adjustment levels of the seat to change the vibration direction on the human body throughout the working day.



Back in 1949, it's something Be-Ge's founder realised when he introduced to the market the World's first suspended driver's seat and fitted our seats in Scania trucks. In context the rest of the truck market at that time were using basic non suspension seats and even wooden benches in some vehicles.

Our Be-Ge driver seat designs are based on the knowledge that different applications require different seats. The vibrations produced by construction vehicles or the small dimensions in forklifts require completely different seat designs than those in trucks and buses, we understand that the most important feature on any seat is to be able to make personal adjustments to suit the stature, weight, and working environment for the driver.

The key to any suspension seat is to be adjustable to the drivers weight, if we take for instance a 75kg driver on a maximum suspension setting, their weight would have very little effect on the suspension unit and they might as well be sat on a static seat. That's why at Be-Ge we offer as a feature weight independent height adjustment of 100mm, so the resistance on the suspension unit can be adjusted to suit the drivers weight.



To meet every need, we develop our Be-Ge products in close collaboration, both with users and vehicle manufacturers and enlist the expertise of ergonomic and medical experts as well as specialist researchers. For instance our patented Rotolift unit with foot pedestal enables a bus driver to rotate their seat in the direction of fare paying passengers so they can take the fares forward facing and greet the passengers "eye to eye" on the bus without the need to twist their body, once they have completed the fares another press on the foot pedal allows them to turn the seat towards driving direction.

That's why when you buy a Be-Ge seat from us, we look closely at the application and its working environment, to come up with a drivers seat that is not only comfortable for the occupant, but will offer the maximum levels of safety and occupational health risks.

Our Range of Mechanical Suspended Seats

[▣ 9200 Series \(View Brochure\)](#) [▣ 3400 Series \(View Brochure\)](#) [▣ 8652 Series \(View Brochure\)](#)

Our Range of Air Suspended Seats

[▣ 3000 Series \(View Brochure\)](#) [▣ 3000 Ergo \(View Brochure\)](#) [▣ 8752 Series \(View Brochure\)](#)

For more information, please contact Gary Shaw, Be-Ge Seating UK Ltd - [Send a message here](#)

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[Whole - body vibration and ergonomics of driving occupations](#)