



MECHMATIC
**CLEAN AND LUBRICATE
YOUR COUPLING WHILE
YOU DRIVE.**



GLOBAL SENSATION THAT PROVIDES SIMPLER MAINTENANCE AND IMPROVED RELIABILITY.



In our constant quest to make your work as a driver easier, we are now launching yet another world first – MechMatic. A totally unique product which uses an air and oil mist to clean and lubricate your coupling automatically while you are driving.

With MechMatic you can always feel confident that your VBG coupling is working efficiently and one of the important maintenance functions is taken care of. This is really convenient, especially during the winter months. The lubrication task is taken care of automatically, all you have to do is replace the empty

can of Mec Oil with a new one at regular intervals.

MechMatic, besides meaning less work for the service provider, also gives improved reliability, easier coupling, reduced service costs and a longer life for the coupling. Using regular blasts of air, MechMatic keeps the coupling mechanism clean, which reduces the need for lubricants compared with traditional lubrication procedures. The oil can be injected in the form of a thin mist, which is cheaper and better for the environment.

We are proud to present this globally unique product, which fulfils the VBG ambition to always support truck drivers and make your important work easier through our experience, technical expertise and power of innovation.

**"It's very nice not having that
dirty job of lubricating the coupling"**

Andreas Salbom, Lind Åkeri (Haulage), field test driver.

▶ **CONTROL RELAYS**

Ensures the regular supply of air and oil mist.

▶ **CONNECTING HOSE**

A rugged hose directs air and oil mist to the coupling mechanism.

▶ **BRACKET FOR OIL CONTAINER**

In one simple hand movement you loosen the container and replace it with a new can of MechOil.

▶ **INDICATING LAMPS**

The green lamp is on as long as MechMatic has current and is working properly. The red lamp indicates that the oil can must be changed.

▶ **MECHMATIC – A BENEFIT FOR THE ENVIRONMENT TOO**

Because MechMatic regularly blows the coupling mechanism with air to clean it, and oil is supplied in the form of a thin mist, there is less need for lubrication. The maintenance is done automatically during a journey, which saves precious time and reduces maintenance costs. MechMatic is great for your wallet as well as the environment.





THIS IS HOW MECHMATIC WORKS

▶ SIMPLE INSTALLATION AND CONNECTION

MechMatic fits all VBG couplings and is easy to install. You can easily connect the electricity, supply air and put in a can of normal VBG MechOil. Then you're ready to drive.

▶ EVERYTHING IS DONE AUTOMATICALLY

Every 6 hours of operation, MechMatic gives a real blast of air at 8 bars that thoroughly cleans the coupling mechanism. And every 24 hours of operation, a thin mist of oil is blown into the mechanism after the air blast. This means the coupling is always clean and well lubricated.

▶ QUICK AND EASY CHANGE OF OIL CAN

After 3 000 hours of operation the red light on MechMatic signals that the oil is running out. Then you quickly and easily replace the empty can of VBG MechOil with a new one. One can is estimated to be sufficient for about 125 applications or in other words with 12 hours use of the truck one can will be sufficient for 250 days.

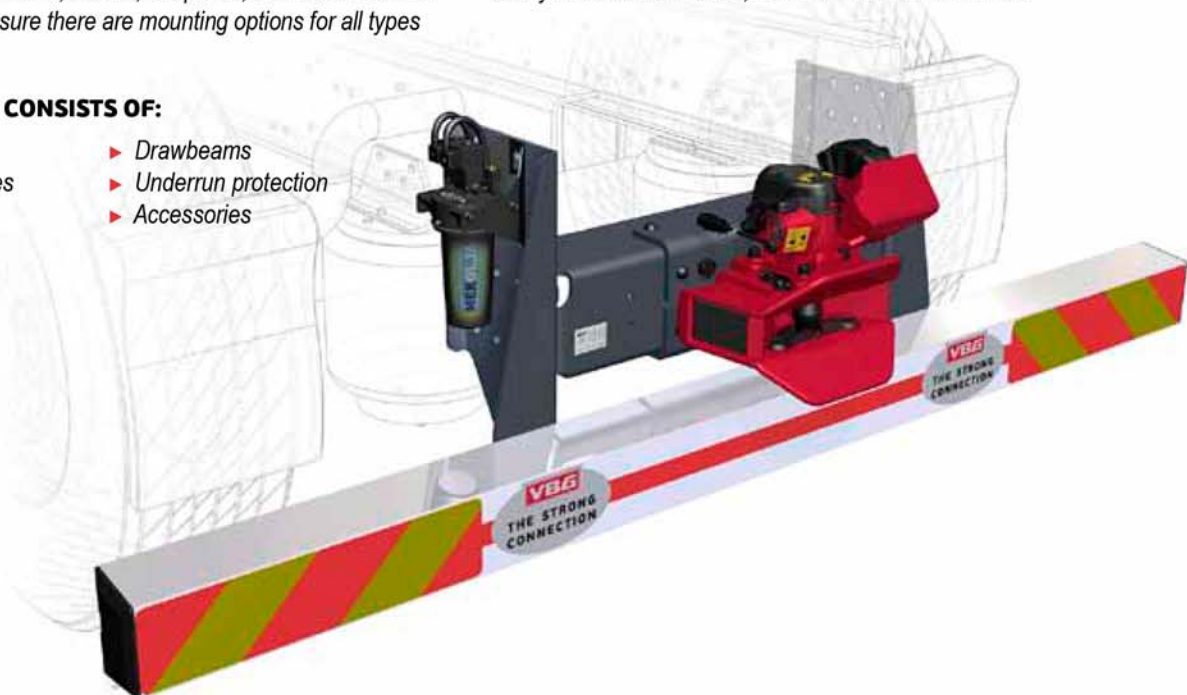
VBG'S UNIQUE COUPLING SYSTEM.

The strength of the VBG coupling system is that all parts work together in a robust and well designed system where each part is optimized for maximum safety and performance. The system's connections, beams, endplates, drawbars and other accessories ensure there are mounting options for all types

of trucks. That is our formula for creating the industry's most reliable coupling system. The driver should feel confident with a VBG coupling system behind him. It also means improved safety for other road users, hauliers and their customers.

THE SYSTEM CONSISTS OF:

- ▶ Drawbars
- ▶ Drawbar eyes
- ▶ Couplings
- ▶ Endplates
- ▶ Drawbeams
- ▶ Underrun protection
- ▶ Accessories





BEHIND THE DRIVER. ALL THE WAY.

SAFETY:

Road safety issues have been prioritized at VBG since Herman Kréfting started the company over 60 years ago, and they are part of our company culture. Our couplings and systems are always the market's safest. This means safety for drivers, other road users, hauliers and their customers.

RESPONSIBILITY:

For many years we have gathered a great deal of information about our customers' needs and working conditions. We have a lot of respect for the important work that truck drivers and hauliers do. That is why we believe it is our duty to develop solutions that facilitate and simplify the drivers' work. This is our contribution to road safety and ensuring a profitable operation.

INNOVATION:

VBG has always been a technology-driven company with the ambition of producing rugged designs and innovative solutions to promote the improvement of truck couplings. We are proud that many of our products have become industry standards and have contributed to safer truck operations around the world. Innovation is our driving force.

THE STRONG CONNECTION

VBG is a world leader in the development of innovative, reliable trailer couplings. We lead with developments in this area and offer complete coupling systems. Everything that is needed to couple the truck to the trailer from manual standard couplings to advanced and fully automatic trailer couplings. A variety of draw beam and end plates combinations means that the coupling can always be fitted in the optimum position. The system also includes underrun protection and drawbars, universal or sliding with different drawbar eyes and fastening options. With this system we have established a trademark with strong customer relations worldwide.

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The strong connection

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