

Press release

iGurt: BPW makes cargo restraints intelligent

- Efficient and safe transport thanks to the BPW iGurt
- Continual monitoring of the cargo restraint system, including during travel
- Savings through extensive documentation

Wiehl, 06/09/2018 --- Transport damages caused by poorly-secured freight are routine in the transport business; serious accidents and damages to the load frequently occur due to rolling and tipping truck trailers. BPW is now tackling one of the main causes with intelligent cargo restraints: the iGurt checks and documents the tension of the lashing strap and promises massive savings.

The Association of German Insurers (GDV) settles transport damages totaling 1.2 billion euro every year. The majority are due to insufficient or even missing cargo restraints. More than 70 percent of the examined vehicles are contested by the regulatory bodies due to missing cargo restraints. High penalties with costly and time-consuming restraining and reloading work are the result, as well as high insurance costs. The lack of cargo restraints is estimated to be the cause of accident for approximately 20 to 25 percent of traffic accidents in heavy-load traffic. BPW wants to contribute towards hugely reducing damage claims with intelligent cargo restraints and not only reduce the costs, but also the accident risk: The new "iGurt" from BPW is a smart restraint system, which displays the correct preload force of the lashing strap and continually monitors it during travel.

The handy device can easily be fastened to the lashing strap, making the one-off set-up on the vehicle's lashing straps a quick process. All of the devices in use show the respective preload force on their housing and also send the data to the driver's smartphone via bluetooth. If one of the lashing straps becomes loose, the iGurt system smartphone app immediately sounds an alarm. An excessive preload force, which might damage a susceptible load, is also displayed.

The sturdy, shockproof iGurt housing is designed for long-term use on the trailer. The battery charge lasts for around one year, while the battery itself can be replaced quickly and easily.

The iGurt smartphone app also provides for full documentation of the correct cargo restraints throughout the entire transport process. This means that sensitive and valuable transports can be transported more reliably and securely. Even a 10% reduction in damages for a medium-sized freight forwarder means that the system will already have paid for itself. It results in lower personnel costs for processing damages claims and reduces the insurance costs considerably. An additional aspect is the reduced risk of accident.

Alongside being displayed on the driver's smartphone or tablet, the iGurt system data will be able to be processed in future using the open-system Cargofleet 3 telematics platform from idem telematics.

The brands of the BPW Group:



The iGurt system will be demonstrated for the first time at the "IAA Commercial Vehicles" fair (20 – 27 September in Hanover) on the BPW exhibition stand (hall 26, stand C31). Torsten Schubert, Head of Mechatronics: "BPW systematically gauges the possibilities of trailer digitalisation in order to increase safety, transparency and cost-efficiency in transport. The iGurt system has been developed in close cooperation with freight forwarders and successfully tested in practice."



Picture caption: BPW introduces the prototype of a new and intelligent cargo restraint system at the "IAA Commercial Vehicles" fair. (Source: BPW Bergische Achsen KG)

About BPW Bergische Achsen Kommanditgesellschaft

BPW Bergische Achsen Kommanditgesellschaft is the parent company of the BPW Group. With over 1,600 staff, including around 120 apprentices, the family-owned company has been developing and producing complete running gear systems for truck trailers and semi-trailers at its headquarters in Wiehl since 1898. BPW's technologies include axle systems, braking technology, suspension and bearings. BPW's trailer axles and running gear systems are in use in millions of vehicles around the world. An extensive range of services also allows vehicle manufacturers and vehicle operators to increase the efficiency of their production and transport processes.

www.bpw.de

About the BPW Group

The BPW Group, based in Wiehl, Germany, is a reliable international mobility and system partner for the transport industry and is a one-stop shop for innovative solutions. Its portfolio ranges from axles, suspension systems and braking technologies (BPW), locking systems and trailer body technology (Hestal), lighting systems (Ermax) and plastics technologies (HBN-Teknik) to user-friendly telematics applications for trucks and trailers (idem telematics). The BPW Group's technologies and services enable economical production processes for manufacturers and provide maximum transparency in loading and transport processes for efficient fleet management by vehicle operators. The owner-managed BPW Group comprises more than 70 subsidiaries worldwide and employs around 7,000 people. www.wethinktransport.com

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