Press Release

Systems for rail and bus: Vogelsang at InnoTrans 2016

- **Online monitoring of railway systems with VEBSys**
- **Carriage identification system UICScan**
- **RoadPump: Hygienic disposal of waste water from buses**

Essen/Oldb., August 19, 2016 – Products for the online monitoring of railway system functions and for unambiguous localisation of carriages in railway stations or service depots will be presented by Hugo Vogelsang Maschinenbau GmbH at this year's **InnoTrans from 20 to 23 September in Berlin (hall 7.2c, stand 213)**. “Train depots and railway stations use a variety of complex systems such as water supply systems, washing plants or pump systems. VEBSys allows us to provide users with clear online monitoring of the operating data and of the function of all system elements to ensure efficient operation,” says Harald Vogelsang, Managing Director of Vogelsang. The market leader for railway disposal systems is also present at InnoTrans with the RoadPump, a solution for the disposal of waste water from intercity buses and coaches. “Thanks to the Vogelsang RoadPump, bus drivers can empty the waste water tanks of coaches independently and simply,” says Vogelsang.

VEBSys: All railway system operating data at a glance
VEBSys monitors the efficient operation of all railway depot elements: washing plants, brake test plants, water supply, air pressure or central vacuum units. All Vogelsang systems can be connected, such as the T-system for environmentally friendly supply and disposal of passenger trains and any other interface-enabled unit equipped with sensors. VEBSys transfers the data necessary for operation such as vacuum and flow rate of the pump stations or the water temperature of the cleaning plants live to an online control centre.

The web-based portal of VEBSys provides all information for operating the system clearly and in real time and gives a quick overview of the infrastructure function. The system simultaneously documents the operating statuses of individual units and directly provides information on quality control and on the settlement of services. Employees in the service depot can respond to trouble quickly thanks to the immediate notification via SMS or email. “VEBSys makes it possible to detect and correct malfunctions before even greater damage can occur. This saves time and money and improves service quality,” says Vogelsang.

Unambiguous identification and localisation of railway carriages
For the detection and positioning of railway carriages, Vogelsang presents the wagon identification system UICScan at InnoTrans. During transit, a dual camera

specially designed for day and night operation records the wagon-specific UIC number, which is attached on both sides in the middle of each carriage. The vehicle number can be read out at a drive-through speed of up to 80 km/h. UICScan can be used immediately since the vehicles do not need to be upgraded. The identification system can also be integrated via interfaces into existing service facility systems such as washing plant systems or documentation systems. In addition, UICScan can be connected to Vogelsang's online train information VEBSys. The user receives a real-time all-around view of treated vehicles, malfunctions or locations. This facilitates the organisation of all the railway depots and, thanks to faster fault detection, ensures trouble-free operation.

RoadPump: Full service for intercity buses and coaches

Also at the InnoTrans stand: the RoadPump for the hygienic disposal of waste water from coaches. Disposing of waste water from coaches presents the operators of bus stations and service areas with technical challenges. Despite increasing ridership in the intercity bus and coach industry, bus disposal stations have hardly existed up now, making the disposal of waste water correspondingly difficult. Intercity bus and coach drivers are called upon to dispose of waste water from their vehicles hygienically and to replenish them with fresh water. Vogelsang's RoadPump provides an extraction station for lavatory and toilet waste water specifically for bus stations, bus depots or service areas. The powerful vacuum created by the RoadPump, in conjunction with a collection system (CollectingMax or CollectingStation), empties the waste water hygienically from the holding tanks and transports it from the rotary lobe pump within the RoadPump into the sewer system or the collection tank provided, without contaminating the environment.

Vogelsang at InnoTrans, 20 to 23 September 2016, Berlin:
hall 7.2c, stand 213

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About Vogelsang:

Hugo Vogelsang Maschinenbau GmbH is an internationally active plant engineering company based in Essen/Oldenburg, Lower Saxony, Germany. The company was founded in 1929, and grew from being a manufacturer of agricultural machinery into a specialist for pump, shredding, distribution and spreading technology for the agricultural and biogas sector, industry and local authorities. Today, Vogelsang's main areas of business alongside agriculture are biogas and waste water technology as well as vacuum disposal technology. Vogelsang currently employs around 700 employees worldwide. The corporate group includes over 20 branch offices, subsidiaries and sales offices as well as two production locations in Germany. Due to its global network of dealers the company is able to export its products to all European countries and important industrial nations worldwide. For more information: www.vogelsang-gmbh.com

Images:

Image 1: Vogelsang VEBSys for monitoring railway system operating data

Image 2: Vogelsang UICScan for railway carriage identification

Image 3: Recording train data with Vogelsang UICScan in the railway depot

Image 4: The Vogelsang RoadPump in use with CollectingMax

Source for all images: Vogelsang