

Trailer innovation 2017: Kässbohrer to present Safety Bitumen Tanker

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Heading to the eight round of the "Trailer Innovation" competition, Europe's fastest growing semi-trailer manufacturer Kässbohrer is proud to present its new Safety Bitumen Tanker.

Since 2002, the international "Trailer Innovation" award, through cooperation with the German Association of the Automotive Industry (VDA), promotes outstanding ideas and new products from the trailer and body industry. Twelve renowned European transport magazines arrange the competition. The best innovations are rewarded in seven different categories: concept, chassis, body, components, safety, environment and smart trailer. Kässbohrer's attendance this year is in the safety category.

Kässbohrer has engineered Kässbohrer Safety Bitumen Tanker, K.STS SS 32, with a good example of industry collaboration with Hoyer Bitumen-Logistik GmbH, the German bitumen transport subsidiary of Hoyer Group, one of the worldwide market leaders in moving liquids.

Implementing the latest technology into the tank semi-trailer design, Kässbohrer's new concept improves European best practices for occupational health and safety, as well as the discharge operation safety and efficiency in general.

The electronic discharge automation system installed on K.STS SS 32, along with additional security features not only protects the driver, avoiding possible permanent injury, it increases security of the operation site and the equipment as well. The result is safer working conditions, lower risks in order to increase the total value of ownership and lower operational costs.

Kässbohrer Safety Bitumen Tanker, K.STS SS 32, will be among Kässbohrer's exhibition vehicles during the 66th IAA Commercial Vehicles Fair in Hannover between September 22 and 29, 2016 at Hall 27 Stand E11.

SMART AND EFFICIENT

HI-TECH SAFETY FEATURES

The Remote Control for Discharge, as a part of the electronic discharge automation system, gives the driver the ability to operate 6 meters away from the discharge area hence putting him in a safer zone for the operation. The sequential opening and closing of the valves is automatic, which takes care of the operational

oversight of not opening the first valve. The algorithm governing the remote control unit is written by Kässbohrer.

Protection Cover with Dripping Pan adds additional feature to the existing protection cover. The protection cover seals and secures the hose, functions as a dripping pan when opened. The need for additional fixture to avoid dripping becomes redundant.

Safe Start System is connected with the protection cover with dripping pan, hand rails and the remote control panel to make sure that the tanker does not move under any circumstances. Once the dripping pan is opened, the tank semi-trailer brakes automatically. Furthermore, in case hand rail or dripping pan is left open, the brakes will not be released.

Temperature Datalogger is mounted on the remote control panel. Temperature datalogger monitors and records the temperature change inside the tank. The system works as a pre-emptive risk management function in case of a product irregularity.

Operational Excellence Features, including the tire monitoring system, the brake pad wear indicator, the tail guard system and LED lightings are installed to ensure an uninterrupted logistics operation, as well as to maximize road safety of the trailing vehicles.

Source: Kässbohrer Communications