

Press release

USB Bochum GmbH - fully electric for paper collection

Joint project by Volvo Trucks and ZÖLLER-KIPPER GmbH for leasing

USB Bochum GmbH is responsible for waste disposal and city cleaning in Bochum. Year after year more than 700 employees collect, recycle and dispose of about 170,000 tons of waste and clean streets and footpaths of around 5.300 km every week. Thanks to sustainable business management, USB meets highest economic, ecological and social demands. The Lord Mayor also believes that if something works electrically, we should apply it. Since mid-2022, an e-Volvo FE LEC (Low Entry Cab) complements the vehicle fleet with body ZOELLER MEDIUM X4 and lifter DELTA PREMIUM 2322. Thus, paper can be collected in all container types from 120L to 1100L in the collection area.

To be flexible in procurement, USB Bochum has rented the paper collection vehicle from Jungbluth Nutzfahrzeuge Service und Miet GmbH for 3 years. The Volvo dealer located in Plaidt took over the joint project from Volvo Trucks and ZÖLLER-KIPPER GmbH after the IFAT fair.

Thorben Schäfer, Head of operations at USB, is completely satisfied with the truck. „We have had quite some experience with fully electric, with fuel cell and natural gas operated vehicles in the vehicle fleet, but here everything was right from the start. The service support by Jungbluth Nutzfahrzeuge, when necessary, was simply exemplary,“ Schäfer explains and adds: Restructuring of the collection areas was not necessary since the range of the vehicle for a complete day tour is more than sufficient, as is the loading capacity of about 9.5 tons.“ The paper collection vehicle has already proven itself in the classic waste collection. „However, this has only happened in a few emergency situations so far, when we needed a replacement vehicle quickly. Because after use, an internal cleaning of the

body and the packer plate is due, but it works, says Thorben Schäfer.

Driver Sascha Stief: This is my vehicle!

Driver Sascha Stief took over the new paper collector at USB. „Everything is arranged logically, clearly and self-explanatory in the cab. The range and the current load are shown in percent on the display,“ says Stief.

Next to the driver, the lower and entrance-friendly cab offers seats for up to 3 workers. The truck offers high manoeuvrability due to the steerable trailing axle. Cameras to the side and to the rear secure the workspace.

The newly developed lifter system DELTA PREMIUM 2322 is based on the further development of the long-standing DELTA 2301 of ZÖLLER-KIPPER GmbH and presents the latest state of the art. The assistance system Worker Protection System II (WPS II) controls and secures the workspace at the lifter by means of multi-beam LED scanners (LIDAR) and ultrasonic sensors.

For further safety, especially in the dark season, 2 LED working lights are provided above the lifter.

USB usually trains several drivers on each of its vehicles. This helps to avoid problems, for example during holidays. Driver Sascha Stief, however, is reluctant to give up "his car", so enthusiastic is he about the technology, which allows for virtually silent driving in the district. Even communication, necessary now and then with the loaders is also much more relaxed now.

In order to always stay up to date in vehicle technology, USB will invest successively in new vehicles, whose service life is usually between 8 to 10 years. Good contacts are maintained with the disposal companies in Herne and Wuppertal. Here they do not only exchange experiences, but occasionally even new vehicles for testing.

Potsdam with similarly good experiences


Stadtentsorgung Potsdam (STEP) had the chance to test the vehicle for a week within the frame of a presentation. The report to ZÖLLER-KIPPER GmbH on the use was similarly positive. Among other things, it says: „We

were able to finish the whole tour with one completely loaded vehicle. The compaction unit has not choked once or had to struggle with the material. The loaders were very impressed by the DELTA PREMIUM 2322, with good cycle speeds and a very good and smooth work with the lifter.“

**** End of press release ****


Download: www.pr-download.com/zoeller32.zip

Photo: ZÖLLER KIPPER / Mainz / D

 Zoeller_11_01_22_USB_1941.jpg




No combustion engine above the front axle.
This creates space for a low cabin structure.

 Zoeller_11_01_22_USB_1959.jpg




E-Volvo with body ZOELLER MEDIUM X4 in
front of the Zeiss Planetarium in Bochum.

 Zoeller_11_01_22_USB_1964.jpg




f.l.t.r.: Low noise and no exhaust fumes, this pleases the loaders Abdullah Dilsiz and Christoph Niedmann.

 Zoeller_11_01_22_USB_1983.jpg



The paper collector empties all 120L to 1100L containers.

 Zoeller_11_01_22_USB_1988.jpg



Driver Sascha Stief still has space for three passengers in his cab.

Further information

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