

## Media Release

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### **950 DIWA.6 transmissions for Berlin buses**

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- **Biggest single DIWA order to date for Voith**
- **Cutting-edge automatic transmissions for up to 600 Citaro articulated buses and 350 solo buses**
- **For many years, DIWA transmissions have been ensuring efficient and sustainable mobility on Berlin's streets**

**Heidenheim, Berlin. In the next few years, Voith will fit up to 950 Citaro city buses from EvoBus with DIWA.6 automatic transmissions. In combination with the modern Euro 6 engines from Mercedes-Benz, this drive technology enables Berlin's public transport authority to operate its fleet efficiently with low fuel consumption and CO<sub>2</sub> emissions. This is the biggest single order for the DIWA product range that Voith has received to date.**

The Berlin public transport authority (BVG) is relying on technology by EvoBus and Voith to upgrade its vehicle fleet. In the next few years, the company will take delivery of up to 950 city buses from EvoBus, all of them fitted with DIWA.6 automatic transmissions from Voith. The buses will also feature air compressors from Voith, which Mercedes-Benz installs in all its city buses. Under the terms of the framework agreement, BVG plans to purchase 600 Citaro G articulated buses and 350 Citaro Solo buses. The agreement is Voith's largest single order to date in the DIWA segment.

Delivery of the first batch of more than 100 articulated buses and 50 solo buses will begin as soon as the start of 2019. The DIWA.6 automatic transmission is a key component for highly efficient, low-pollution bus operation.

In what is currently the most modern automatic transmission from the proven DIWA product family, an intelligent start-up management system with reduction of operating pressure and optimized converter reduces fuel

consumption by up to five percent. This cuts CO<sub>2</sub> emissions and therefore protects the environment. The automatic transmission also allows stepless starting and braking in the first speed range. When used in city buses this enables up to 50 percent of all gear shifts to be avoided. This results in a more pleasant ride, reduces wear on the drive train and increases vehicle availability.

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“The key to confidence in our products is the longstanding partnership between Voith and BVG”, says Helmut Zimmermann, Regional Sales Director for Germany, Austria and Switzerland (DACH) at Voith. The Heidenheim-based technology group was fitting BVG buses with DIWA transmissions as far back as the late 1950s. The transport company is also a service base for DIWA transmissions. The new framework agreement has been designed to be flexible, so there is no purchase obligation. This means that during the term of the agreement, BVG has the option of inviting tenders for electric buses, for example.

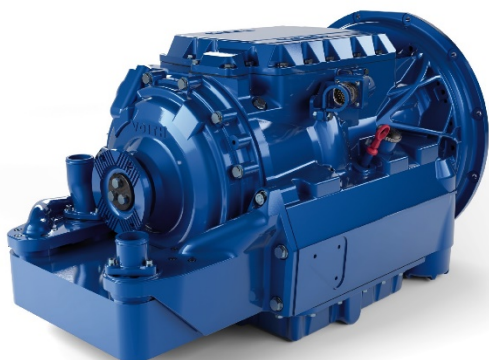
For this technology too, Voith has already developed components like the electrical drive system that the company introduced at the beginning of 2018 with its electric demonstrator bus.

BVG currently operates around 1,400 buses on its 154 bus routes and transported more than 441 million passengers in 2017.

## **About the company**

Voith Turbo, a Group Division of Voith, is a specialist for intelligent drive solutions, systems and comprehensive services. Customers from highly diverse industries such as oil and gas, energy, rail and commercial vehicles, ship technology, mining and mechanical engineering rely on the advanced technologies and solutions-driven expertise of Voith Turbo.

Voith is a global technology group. With its wide range of plants, products, services and digital applications, Voith sets standards in the markets for energy, oil and gas, paper, raw materials and transport & automotive. Founded in 1867, Voith today has more than 19,000 employees and earns 4.2 billion euros in sales. It has locations in over 60 countries and is one of the largest family-owned companies in Europe.



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**Caption:** The modern DIWA.6 automatic transmission reduces fuel consumption by up to five percent and protects the environment.

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