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Putzmeister presents the world's first bidirectionally connected truck-mounted concrete pump at bauma 2025

The first truck-mounted concrete pump that can communicate

Aichtal, March 2025 - Putzmeister is also breaking new ground when it comes to digitalization. In future, the company will be offering Ergonic Edge, a platform that provides services such as remote service and remote access. Visitors can find out more about this Putzmeister innovation in Hall B6 at this year's bauma in Munich - from Monday, April 7 to Sunday, April 13.

Six years ago, Putzmeister presented a unidirectionally networked machine. This networking makes it possible to display data in the existing telemetry customer application, the machine cockpit, and to integrate it into third-party systems. The next step in the digital evolution is the Ergonic Edge platform: it enables bidirectional data transmission. This will enable the machines to send and receive data. With Ergonic Edge, Putzmeister is opening up a new field of possible uses, one of which is remote service

Remote service to reduce downtime and costs

The benefit of Remote Service is the ability to quickly analyze and identify problems by displaying machine data in real time. Conversely, these faults can be rectified directly by changing parameters remotely. Ergonic Edge thus contributes to prompt problem solving - without the need for a Putzmeister service technician to be on site.

Added value that pays off for customers

First and foremost, customers should therefore benefit from greater machine availability and efficiency when using Ergonic Edge in the future. Costs are significantly reduced thanks to remote troubleshooting without long waiting times for a technician. Productivity is also increased thanks to minimized downtimes.

"Unexpected machine problems are one of the biggest challenges for our customers. Our aim is to provide them with the best possible support with innovative solutions to minimize these critical situations and ensure smooth operations," says Sebastian Fuhrich, Head of Digital Solutions at Putzmeister.

Bidirectional infrastructure as a success factor for the future

However, the Ergonic Edge platform not only enables direct interaction between the Putzmeister service network and customer machines. Functions such as the 'teaching' of sensors 'over the air' are also planned: This means that a sensor is 'taught' to a specific environment or application. Another aim of Ergonic Edge is to create a basis for numerous digital and automated applications - including remote software updates.

"When developing the Ergonic Edge platform, we pay attention to the balance between rapid availability and technical flexibility for future applications. Our focus is on seamless compliance with the latest security standards and guidelines, for example to prevent unauthorized access from outside and to prevent the misuse of data," explains Marc Seifert, Putzmeister project manager for Ergonic Edge.

Experience a vision in reality

Visitors to the trade fair will be able to experience Ergonic Edge using a real-life application example: a live demonstration will illustrate the added value of Remote Service. Over the coming months and years, customers will find out which other applications will develop from this. As in all areas, Putzmeister sees itself as closely connected to its customers - and will remain in close contact with them on this development.

About the Putzmeister Group

The Putzmeister Group develops and produces technically high-quality machines in the fields of concrete delivery, truck-mounted concrete pumps, stationary concrete pumps, placing booms and accessories, plant engineering, pipe delivery of industrial thick materials, concrete spraying and transportation in tunnels and underground, mortar machines, plastering machines, screed delivery, injection and special applications. Market areas include the construction industry, mining and tunnel construction, large-scale industrial projects, power plants, sewage treatment plants and waste incineration plants worldwide.

The company is based in Aichtal, Germany. With over 4,000 employees, the company generated sales of 1 billion euros in the 2023 financial year.