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Holcim tests the Putzmeister eMixer in everyday urban construction sites

Testing zero emission ready-mix-trucks in Paris

Aichtal, April 2023 – With its iONTRON family, Putzmeister has already been on the path towards a CO₂-neutral construction site for years. The latest member is the 100% electric concrete truck mixer "eMixer" based on the eTruck from the parent company SANY. It was officially presented at bauma 2022. Holcim – the global leader in innovative and sustainable building solutions - tested the eMixer in the metropolis of Paris.

Three brands, one goal: the drastic reduction of emissions on the construction site through a CO₂-neutral value chain. Whether Putzmeister, SANY or Holcim - everyone involved is aware that the construction industry is responsible for almost 40 % of CO₂ emissions worldwide. An all-electric mixer makes it possible to work 100 % electrically and thus emission-free from the concrete plant to the construction site.

Trust is good, testing is better

Putzmeister and Holcim partnered to test whether the battery-electric mixer delivers what it promises in terms of efficiencies in everyday practice. With a battery capacity of 350 kWh, a working time window of about eight hours should be achieved in urban areas. The eMixer has already covered 4,462 km in Paris. With an average driving distance from the batching plant to the construction site of 5.4 km, which was covered in about 20 minutes on average with 5.6 m³ of concrete on board, enough tours could be driven to use the eMixer efficiently.

About the eMixer

At first glance, it looks like a normal truck mixer. The special feature is the drive: the eMixer is based on a SANY electric chassis and is powered 100% electrically. This means that no CO₂ emissions are produced during the entire operation. The noise level is also significantly lower due to the electric drive. Its preferred area of application is particularly in inner-city areas, where there are strict noise protection regulations.



The fully-electric iONTRON eMixer makes it possible to work 100% electrically and emission-free from the batching plant to concrete delivery.



The iONTRON eMixer is ideal where there are strict noise protection regulations - such as in metropolises like Paris.

About the Putzmeister Group

The Putzmeister Group develops and produces machinery of high technological quality in the fields of concrete conveying, truck-mounted concrete pumps, stationary concrete pumps, placing booms and accessories, plant technology, conveying viscous industrial materials through pipes, concrete spraying and transport in tunnels and underground, mortar machines, plastering machines, screed conveying, injection and specialist applications. Market segments include the construction industry, mining and tunneling, large industrial projects, power plants and sewage treatment plants, as well as waste incineration plants, all over the world.

The company is based in Aichtal. With more than 3,000 employees, the company achieved a turnover of EUR 765 million in the year 2021.

About the SANY eTrucks

With a strong focus on electrification and international expansion, SANY has given its subsidiary Putzmeister overall responsibility for the introduction and rollout of the SANY eTruck portfolio in Europe. With over 4,100 eTrucks sold in China in 2022, SANY is already one of the pioneers in the heavy-duty electric truck sector.