

PRESS RELEASE

Next generation Jenbacher J420 completes startup phase with 120,000 operating hours

- Newly revised J420 D/E offers significant improvements in terms of performance, efficiency and ease of maintenance.
- 16 installed engines—one with more than 20,000 operating hours—demonstrating improvements.
- New generation J420 underpins INNIO commitment to drive the energy transition.

Jenbach, Austria – April 4, 2022 – INNIO's Jenbacher Type 4 platform has been in successful operation for 20 years with about 6,000 engines delivered worldwide. In 2019, Jenbacher implemented significant improvements on the J420 that have since performed well in operation. "We are very pleased with the successful startup phase of the new generation of our Jenbacher J420," said Olaf Berlien, president and CEO of INNIO. "At Stadtwerke Bad Säckingen, our next generation J420 is effectively demonstrating how the energy transition can be implemented with flexible combined heat and power solutions."

This new generation of the Jenbacher series 4 brings numerous advantages to customers. For example, power output has been increased by up to 60 kW and electrical efficiency by up to 1 percentage point. The result: a noticeable increase in yield. The new design, with a 60 cm reduction in length, makes for a more compact unit that is easier to integrate. A major plus—with a view to the future—is fuel flexibility. Type 4 units are available with INNIO's "Ready for H₂" option today and can run on up to 100% hydrogen after appropriate conversion, if desired. In addition, INNIO has even increased the serviceability of the J420 D/E by improving component accessibility.

With a total of more than 120,000 operating hours, 16 installed units of this new generation have been running successfully since 2019—one of them with more than 20,000 operating hours, corresponding to a runtime of 2.5 years in continuous operation. Among the earliest customers is Stadtwerke Bad Säckingen, which opted to expand its southern heating plant with two J420 Es.

Heiko Strittmatter, head of heat supply and power generation at Stadtwerke Bad Säckingen, is convinced: "The Jenbacher J420 next-generation engine from INNIO will quickly establish itself, setting a new benchmark for economics and resource conservation. Running in CHP mode, it excels in energy efficiency—a key driver in the energy transition."

Since the beginning of the year, the new Jenbacher J420 has been available as standard for applications in 50 Hz countries. The 60-Hz application will follow, along with implementation of the new design on the entire Jenbacher series 4.

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About INNIO

INNIO is a leading provider of renewable gas and hydrogen-rich solutions and services for power generation and compression at or near the point of use. With our Jenbacher and Waukesha products, INNIO helps to provide communities, industry and the public access to sustainable, reliable and economical power ranging from 200 kW to 10 MW. We also provide life-cycle support and digital solutions to the more than 54,000 delivered engines globally through our service network in more than 100 countries. We deliver innovative technology driven by sustainability, decentralization, and digitalization to help lead the way to a greener future. Headquartered in Jenbach, Austria, the business also has primary operations in Welland, Ontario, Canada, and Waukesha, Wisconsin, U.S. For more information, visit the company's website at www.innio.com. Follow INNIO on Twitter and LinkedIn.

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