



FX JET

FONDAREX NEW JET COOLING CONCEPT

“Achieve castings with quality” This motto led Fondarex to develop a new jet cooling concept with disruptive technology and implement a novel strategy for managing jet cooling. The FONDAREX Jet offers numerous advantages that can increase the productivity and efficiency of your casting processes.

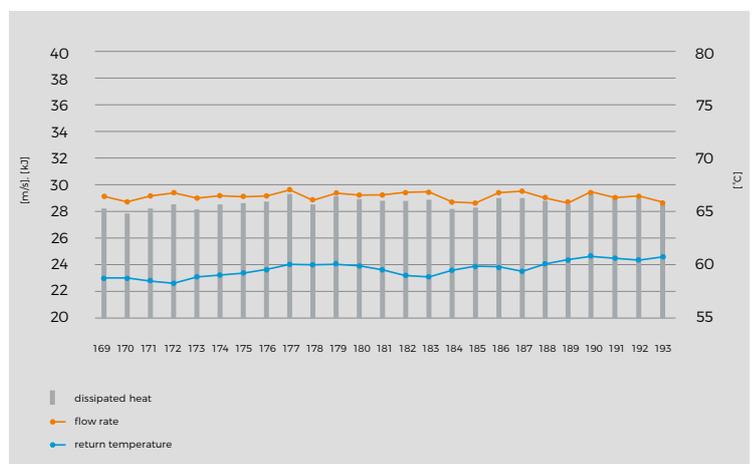
One of the outstanding features of the FX Jet is its modular design. It allows, even retroactively, the expansion from 2 to 4 or 8 independent cooling channels. This means 16 to 64 monitored cooling pins. This allows you to easily adapt the FONDAREX Jet to your specific requirements and maximize cooling performance.

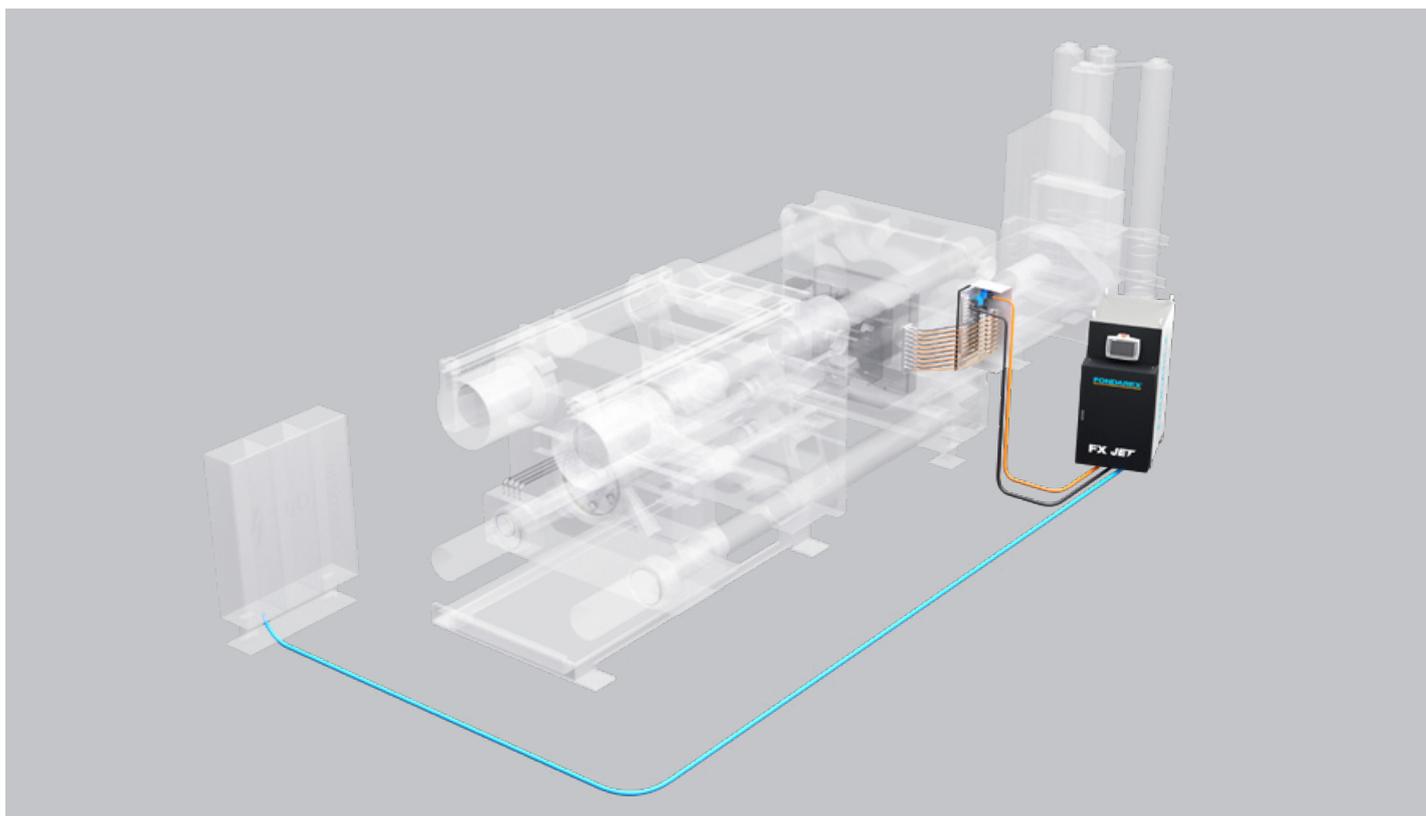
EACH INDIVIDUAL JET PIN IS MONITORED TO DETERMINE FLOW, TEMPERATURE AND HEAT DISSIPATED.

THE ASSIGNMENT OF THE PROCESS PARAMETERS TO THE PRODUCTION CYCLE OR CASTING ALLOWS COMPLETE TRACEABILITY.

The possibility of real-time data transmission to external systems via OPC-UA makes it possible to keep track of the status of your casting processes at all times.

The reliable pressure supply and energy-saving frequency-controlled pump ensure that the system always functions optimally, saving energy and costs.





The FX Jet uses components from well-known manufacturers, and is controlled by a Siemens controller to ensure high reliability and performance. The FX Jet also offers the option of removing the control panel (HMI), giving you the freedom to choose the installation location to suit your needs.

The FX Jet has also been proven in the field during extensive testing in foundries. These tests have shown that our cooling is effective, reliable and repeatable, ensuring consistent quality in the casting process.

The reproducibility of the FX Jet's cooling performance is another important advantage, as the system is able to create constant cooling conditions and thus ensure consistent quality of the castings. This leads to increased productivity and a reduction in production costs, as less scrap is generated and production runs faster and more smoothly.

In addition to the positive results from extensive testing in foundries, we also have a dedicated team of experts who are constantly working to improve and develop our products. We listen to our customers and work with them to understand their requirements and needs and adapt our technology accordingly. This allows us to ensure that our products are always state of the art and offer the best possible performance. We strive to satisfy our customers and build a long-term partnership to meet their needs and grow together.

Invest in the future of your casting processes with FONDAREX Jet and experience the benefits of energy-efficient and reliable cooling. Contact us today to learn more.

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