



Media Release

Schaffhausen

25 June 2024

GF Piping Systems wins German Innovation Award with the IR-63 M fusion machine

After launching the IR-63 M in early 2024, the Swiss flow solutions provider has received the Innovation Award in the category of Excellence in Machines & Engineering on May 14th in Berlin.

The German Innovation Award was established by the German Design Council and honors products, projects, and pioneering achievements that sustainably improve life through innovation and progress. The IR-63 M infrared (IR) fusion machine, which features an updated UX/UI concept co-developed with Busse Design and Engineering GmbH, was awarded in the business-to-business category Machines & Engineering which focuses on areas such as process and manufacturing techniques.

On the heels of 32 years of infrared fusion development, the IR-63 M maintains established technology while integrating new hardware and software features for faster, more convenient, and more efficient welding. In addition to an optimized clamping unit and a patented adjustable pipe stop, the IR-63M features a new 7" touchscreen protected by safety glass, offering intuitive navigation and multilingual instructions for a streamlined user experience. Moreover, the Connectivity Box facilitates access to GF Piping Systems' cloud service, "CONNECT Welding Data", enabling the seamless transfer of welding protocols and documentation.

The IR-63 M ensures contact-free and high-quality pipe connections for the materials PVDF, ECTFE, PP-H, PP-n, PE100, PFA, and PVC-U in the chemical processing, microelectronics, or water treatment sectors. The updates have resulted in 20% shorter preparation times, 30% fewer process steps, and 50% shorter cooling times.

Benedikt Engesser, Head of R&D IR / BCF Welding at GF Piping Systems, is proud of the team: "While the IR-63 M features a number of hardware upgrades, we put a lot of effort into providing unparalleled accessibility for the end user, leading to significant increases in reproducibility, reliability, and efficiency. Thanks to a strong collaboration with Busse Design and Engineering GmbH, the team was able to revolutionize the design."

[Find out more about the German Innovation Award.](#)

[Discover the IR-63 M and infrared fusion.](#)

Media contact:

Constanze Werdermann, Global PR Manager
constanze.werdermann@georgfischer.com

+41 76 33 99 218

GF Piping Systems

As the leading flow solutions provider for the safe and sustainable transport of fluids, GF Piping Systems creates connections for life. The division focuses on industry-leading leak-free piping solutions for numerous demanding end-market segments. Its strong focus on customer-centricity and innovation is reflected by its global sales, service, and manufacturing footprint and its award-winning portfolio, including fittings, valves, pipes, automation, fabrication, and jointing technologies.

GF Piping Systems has its own sales companies in 33 countries, which means it is always by its customers' side. Production sites in 40 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2023, GF Piping Systems generated sales of CHF 2'1 bn and employed 8'798 people. GF Piping Systems is a division of Georg Fischer AG, founded in 1802 and headquartered in Schaffhausen, Switzerland.

www.gfps.com

Picture



GF Piping Systems receives the German Innovation Award 2024 for the design of the Infrared fusion machine IR-63 M in Berlin.

Source: GF Piping Systems