

Media Release

Biel, Switzerland
October 2021

GF Machining Solutions brings the benefits of modular automation to EMO Milano with the WorkPartner 1+

For EMO Milano attendees seeking highly flexible automation, GF Machining Solutions demonstrates its System 3R WorkPartner 1+ (WPT 1+) modular automation systems for milling, EDM, wire-cutting EDM and laser micro machining applications. The system maximizes magazine capacity for loading and unloading both parts and electrodes while also conserving valuable shop floor space.

GF Machining Solutions offers eight WPT 1+ models. Shops can start with a single magazine unit and then add one more as production needs change. The systems easily serve one or two machines within in a production cell thanks to the flexibility of the magazine capacities and its variants (Light, Heavy or a Rotary magazine), along with fully integrated pneumatic control for gripping devices and table chucks. Large doors allow for fast and easy loading and unloading to help shorten changeover cycle times for both low and high-volume applications.

For user-friendly WPT 1+ cell management, GF Machining Solutions offers its WorkShopManager (WSM) software. Users can quickly enter necessary cell data in a structured manner and gain a quick, precise overview of their entire process chain with WPT 1+. They can also change the order of job priorities at any time for increased workflow flexibility. WSM lowers the risk of human errors and makes for more stable production processes.

At EMO Milano, GF Machining Solutions demonstrates WPT 1+ systems with the FORM X 600 die-sinking EDM machine and LASER P 400 U Flexipulse digital texturing technology, showing the versatility of the automation technology to accommodate diverse production processes.

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The Work Partner 1 + maximizes magazine capacity for loading and unloading both parts and electrodes while conserving valuable floor space.

For further information please contact:

Johanna Lüder

Internal Communications and Media Relations Manager

Phone: +41 32 366 10 52

Mobile: +41 76 824 81 65

johanna.lueder@georgfischer.com

GF Machining Solutions SA

Roger-Federer-Allee 7

2504 Biel/Bienne

Switzerland

www.gfms.com

GF Machining Solutions SA, Roger-Federer-Allee 7, 2504 Biel/Bienne

T +41 32 366 11 11, F +41 32 366 19 20

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Profile of GF Machining Solutions

GF Machining Solutions is the world's leading provider of machine tools, diverse technical solutions and services to manufacturers of precision molds and tooling and of tight-tolerance, precision-machined components. The key segments we serve include the aerospace, automotive, medical, energy, information and communications technology (ICT) and electronics industries. Our extensive portfolio ranges from Electrical Discharge Machining (EDM) solutions, three- and five-axis Milling machines and Spindles, 3D Laser texturing machines, Additive Manufacturing and machines for Laser micromachining to solutions for Tooling, Automation, Software and Digitalization—all backed by unrivaled Customer Services and support. GF Machining Solutions is a globally acting Division of the Georg Fischer Group (Switzerland) and maintains a presence at 50 locations worldwide. Its 3,192 employees generated sales of CHF 725 million in 2020. More information can be found at www.gfms.com.

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