



Hahn-Schickard relies on Prodways to turn injection molding visions into innovative process

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About Groupe Gorgé

Established in 1990, Group Gorgé is an industrial group operating in different areas of expertise:

Smart Safety Systems — Using technology to work in risk environments;

Protection in Nuclear Environments — Protecting people and securing buildings operating with radioactive materials;

Industrial Projects & Services — Conducting Robotics and Fire protection systems projects for industry and service-sector player;

3D Printing — Enabling major industry players to find new routes to successful innovation and production processes by providing systems, 3D printers and new premium material.

In 2015, the Group reported revenue of €264.5 million. It is backed by 1,536 employees and operations in over ten countries.

More information available on www.groupe-gorge.com

Groupe Gorgé is listed on Euronext Paris and on the US OTC market in the form of ADR.

Euronext Paris:
Compartment C.
ISIN code: FR0000062671
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Hahn-Schickard relies on Prodways, subsidiary of Groupe Gorgé, to turn injection molding visions into innovative process

In line with the forthcoming AMUG conference in Chicago, March 19-23, Hahn-Schickard has chosen the Prodways ProMaker L5000 and the innovative PLASTCure Rigid 10500 resin to turn injection molding visions into an innovative 3D printing process.

- **Hahn-Schickard: supporting industrial development & guiding innovation**

With a total of about 200 employees in the Southwest of Germany, Hahn-Schickard specializes in applied research and development in the areas of microsystems engineering, micro assembly technology, micro-analytical systems, and information technology. Thanks to its many years of experience in industrial development, Hahn-Schickard provides support and guidance for industrial projects from the early design stage to serial production. They work in accordance with industry-compatible, certified processes. With an emphasis on fields that are shaping the future, like 3D printing technologies, Hahn-Schickard conducts applied research and development, guides innovation, and assists industrial companies in adopting them into their products.

Focusing on disruptive injection molding process, Hahn-Schickard has chosen the Prodways ProMaker L5000 and the innovative PLASTCure Rigid 10500 resin to quickly produce custom injection molds for prototyping or small series tools.

- **MOVINGLight® technology: the perfect match for injection molding**
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Production of injection molds is usually done by machining metal - in stainless steel for big series or in aluminum for small series. The cost and lead time involved in producing molds is relatively high.

With the development of the new high-resistance resin, PLASTCure Rigid 10500, combined with the high precision of MOVINGLight® technology, Hahn-Schickard is using ProMaker L5000 to produce mold prototypes or very small series tools. Engineers have more freedom to optimize and accelerate the design of the injection parts.

Thanks to the superior speed of ProMaker L5000, build-time for injection molds is 2x faster than market standards. Additionally, the higher resistance to injection pressure and temperature, and high quality of the molds has allowed Hahn-Schickard to inject far more than one hundred parts with high-performance thermoplastics as e.g. LCP (Liquid Crystal Polymer) resulting in lower costs and a reduction in lead time compared to the use of metal molds.

Hahn-Schickard is able to print various iterations of an injection mold in a very short time, allowing for testing and revising of prototypes and speeding up the time-to-market of its customer products.

Hahn-Schickard and Prodways share the same values and the same vision for innovation and are constantly searching for the best solutions to move industrial customers forward.



Contacts



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About Hahn-Schickard

For further information www.Hahn-Schickard.de

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About Prodways

Prodways, a subsidiary of Groupe Gorgé, assists major industrial firms with innovations and production processes by providing high-end solutions for additive manufacturing. Prodways' strategic positioning is to combine the necessary technological solutions with the capacity to provide services and support necessary to help companies develop and meet industrial challenges by:

- providing a top-quality, state-of-the art industrial solution
- providing a complete range of technologies to meet their needs in terms of productivity and reliability
- developing materials suited to industrial constraints (mechanical properties, biocompatibility, flammability etc.)
- proposing product design and engineering and consulting on production technologies and processes
- qualifying business processes beforehand by creating test parts and process simulations
- proposing manufacturing solutions for back-up and peak reduction
- investing in innovative players in the 3D ecosystem.

Prodways is now one of the few players able to overcome all industrial challenges and boost the emergence of additive manufacturing in series production. Prodways' offer is backed up by additional activities that enable it to position itself as a serious rival to the two global market leaders and also become the only company outside the USA to offer clients a wide range of 3D printing technologies and a complete range of 3D printing services.

For further information: www.prodways.com

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which we prepare our financial statements; supply chain bottlenecks; the performance of our business partners (subcontractors, agents, suppliers, etc.).

Some of these risk factors are set forth and detailed in our Document de Référence (Registration Document including the annual financial report filed with the French Autorité des Marchés Financiers). This list of risks, uncertainties and other factors is not limitative. Other non-anticipated, unknown or unforeseeable factors could also have material adverse effect on our targets. The Group expressly disclaims any obligation or undertaking to update or revise any forward-looking statements or targets potentially contained in this press release to reflect any change in events, conditions, assumptions or circumstances on which any such statements are based.

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