

## Press Release

### **AutoForm ProgDie – Software Solution for Progressive Die Makers**

**Pfäffikon SZ, Switzerland, October 15, 2024: AutoForm Engineering GmbH, the leading supplier of software solutions for stamping and BiW assembly processes, unveils its newly developed software AutoForm ProgDie, tailored specifically to the needs of users working in the field of progressive dies. With AutoForm ProgDie, progressive die makers can efficiently design, simulate, validate and modify various strip layout concepts and then select the one that best suits their needs.**

Progressive die stamping is a versatile and cost-efficient process to produce a wide range of stampings for various industries. Although progressive die stamping is based on the principles of sheet metal stamping, its process design, simulation and validation differs significantly from that of transfer and line die stamping. Consequently, this stamping process has its specific engineering and simulation requirements. The AutoForm ProgDie workflow is tailored to meet the needs of progressive die planners and process engineers. The software enables rapid strip layout design, tool design and strip design validation.

AutoForm ProgDie allows users to easily calculate the blank layout and then quickly evaluate and compare different nesting options. With the software, they can efficiently identify the optimal strip layout, taking into consideration maximal material utilization. The software also allows them to create a 3D strip plan with an intuitive drag-and-drop 3D design interface which simplifies the design process significantly.

As automotive manufacturers and suppliers strive to reduce lead-time and tooling costs, they are focused on reducing tooling development time, which is one of the most time-consuming phases of the entire product development process. AutoForm ProgDie enables users to rapidly create a tool design beginning with only the CAD part geometry, to evaluate alternative tool designs and to then select the best one to be used for the manufacturing process.

Strip design validation is essential for any progressive die maker as it avoids costly trial and error adjustments as well as costly prototype design and creation. AutoForm ProgDie allows progressive die engineers to achieve a rapid and accurate simulation of progressive dies, including all forming and trimming operations. The simulation of progressive dies is based on the well-established incremental approach used in several other AutoForm products. With AutoForm ProgDie, users can gain deep insights into the progressive die stamping process and can quickly identify problem areas such as wrinkles, splits, excessive thinning or springback, that might occur during the process. The software enables users to design the best possible alternative solutions to correct the identified problems.

In addition, AutoForm ProgDie allows users to address potential progressive die stamping robustness issues. By simulating potential robustness problems taking inherent process variations into account, they can ensure the requested process capability targets of their customers. With AutoForm ProgDie, progressive die makers can validate a process quickly and accurately before the real manufacturing process begins.

Dr. Markus Thomma, CMO of the AutoForm Group, stated: "The market launch of AutoForm ProgDie is an important milestone for AutoForm. Tailored to the specific needs of those users working on progressive dies, the software allows them to gain deep insights into the progressive die stamping process. The software enables them to easily and accurately design, simulate and validate the process, minimize part rejects and maximize production efficiency."

**About AutoForm Engineering GmbH**

*AutoForm offers software solutions for sheet metal forming and BiW assembly process. With over 400 employees dedicated to this field, AutoForm is recognized as the leading provider of software for product manufacturability, tool and material cost calculation, die face design and virtual stamping as well as BiW assembly process optimization. All of the Top 20 automotive OEMs and most of their suppliers have selected AutoForm as their software of choice. Besides its headquarters in Switzerland, AutoForm has offices in Germany, The Netherlands, France, Spain, Italy, Czech Republic, Sweden, USA, Mexico, Brazil, India, China, Japan and Korea. AutoForm is also present through its agents in more than 10 other countries. For detailed information please visit: [www.autoform.com](http://www.autoform.com)*

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AutoForm ProgDie software solution is specially developed for users working in the field of progressive dies.

If you need a high resolution image, please contact us.