Software for Reliable Production

- Rapid identification of problem root cause during tryout and production
- Easy and rapid definition of appropriate correction measures during tryout and production
- Systematic creation of action plan for efficient process improvement
- Minimized correction loops and related costs in tryout
- Increased production throughput and reduced rejects of stamped parts
AutoForm-Sigma®

AutoForm-Sigma provides support for engineers in determining appropriate correction measures during tryout and production.

AutoForm-Sigma provides a systematic approach during tryout and production, thereby saving time and money. With AutoForm-Sigma, the tool and press shops can successfully deal with complex part geometry, high-strength materials, tight deadline requirements and high quality demands.

Ideally, a well-designed and functioning tool should produce part after part, all meeting the specifications, while requiring minimal maintenance. An important step on the path to a functioning tool is the **tryout**. The fine tuning of a tool during tryout implies correctional work and modifications, which can be costly and time intensive. Every correction loop saved results in an immediate advantage in terms of time and money.

Ideally, **production** runs smoothly. However, in practice, after stamping thousands of parts that meet quality specifications, the part reject rate suddenly rises even although nothing appears to have changed in the tooling or stamping process. As a result, additional expenses are incurred.

AutoForm-Sigma addresses these issues and provides support for engineers in determining appropriate correction measures during tryout and production. The software identifies the correction measures which have no effect whatsoever and those which offer a real chance of resolving the particular problem at hand.

Engineers can then easily identify where the critical areas in the part are, which measures can be taken to resolve them effectively and what happens to other areas as a result. Based on these information, an effective **action plan** can be systematically created.

AutoForm-Sigma minimizes the cost of correction loops in tryout, press downtime and tool maintenance, missed production targets resulting from the need to continually adjust the stamping process and stamped parts that do not meet quality specifications.