

FORMING THE FUTURE



DIE AND FORMING TECHNOLOGIES

DIE AND FORMING TECHNOLOGIES FROM SCHULER. THE DECISIVE STEP AHEAD.



Transfer die for disk holder production.

The future depends on the past. Our past experience dates back more than 170 years, when we established ourselves successfully in the market as a leading innovator. Today, we develop and manufacture equipment at three sites located in Göppingen, Weingarten and Erfurt.

From simulation to series production. Our diemaking division undertakes complex development tasks in die. The range of services comprises the entire product development process, from simulation to the finished part.

We know your processes. Thanks to Schuler's many years of experience and extensive expertise, we know the entire process chain: diemaking, press manufacture and, of course, our own press shops, which are available to support your production operations.



Stage set.

DIE AND FORMING TECHNOLOGIES. CONSISTENTLY HIGH PERFORMANCE.

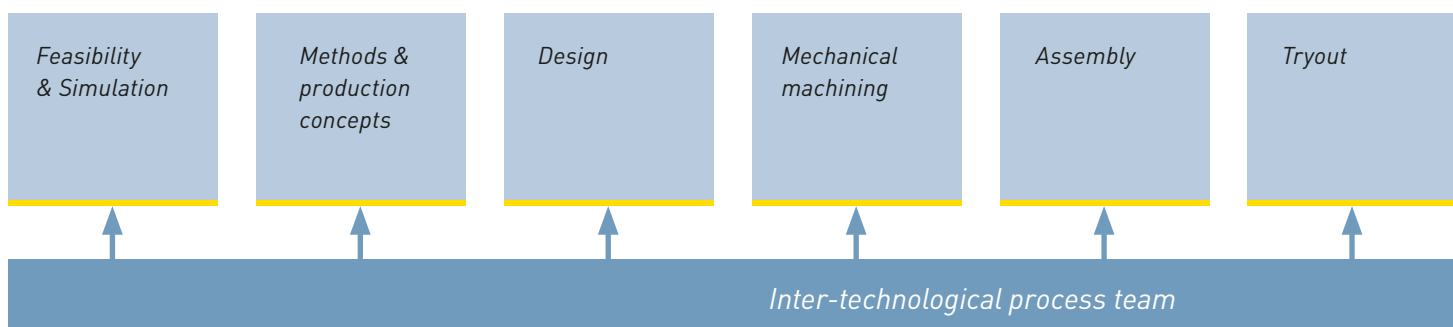


We meet challenges with more efficient structures in order to be fit for future today. In creating a dedicated unit, we have adopted a new strategic approach and are now able to offer you even more direct and consistent support.

In this way, we are best prepared to extend the range of our services and products with new ideas and innovative concepts. This provides the basis for our joint success in the future: Because your success is our success!

Our core expertise lies in the product development process. Whether you're looking for a partial or complete solution –our knowledge of the entire process cycle enables us to offer you tremendous advantages when it comes to your production processes.

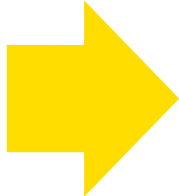
THE PRODUCT DEVELOPMENT PROCESS – OUR CORE EXPERTISE





Press shops

Training & start-up assistance



Quality component

DIE AND FORMING TECHNOLOGIES. RANGE OF SERVICES: ENGINEERING.



Success can be programmed. The production of components at maximum output and best possible quality requires perfectly harmonized processes.

Planning and simulation

- Feasibility studies
- Methods and drawing equipment development
- Strip layout creation
- Deep draw simulation incl. progressive die simulation
- Spring back calculation
- Effective area definition
- Bowing and overpressing

Design

- Simulation of dies and press sequences
- Drawing and forming dies
- Trimming and punching dies
- Powertrain dies

DIE AND FORMING TECHNOLOGIES.

RANGE OF SERVICES: DIES.



Transfer die for disk holder production.

Car body dies for

- Skin panels
- Structural components
- Press hardening dies for structural components

Power train dies for

- Disk holders
- Web stars
- Guide washers
- Entrainer disks

Module dies for

- Welding modules
- Abrasion modules
- Punch nut modules

DIE AND FORMING TECHNOLOGIES.

RANGE OF SERVICES: PARTS PRODUCTION.



New TST press generation – TwinServo technology at the Servo TechCenter Erfurt.

Göppingen press shop

- Skin panels
- Structural components

Hot Stamping TechCenter Göppingen

- Presshardening parts/prototypes

Servo TechCenter Erfurt

- Disk holders
- Guide washers
- web stars
- structural components

The press shops at our sites in Göppingen and Erfurt offer you the following services: Start-up, process and quality optimization, temporary part pressing, small series production and series production.

FROM SIMULATION THROUGH TO SERIES PRODUCTION

Thanks to our core expertise in engineering, methods planning, pattern and die making as well as tryout, we meet the ever increasing requirements of the automotive and components industries with intelligent, complete solutions.

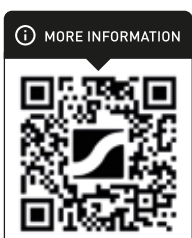
SCHULER SERVICE.

STATE-OF-THE-ART SERVICE FOR MORE PERFORMANCE.

Schuler Service offers a tailored portfolio of services covering the entire life cycle of your equipment.

Over 900 service employees worldwide provide expert support 24/7 in close cooperation with you – our partners. Our main priority is always to ensure the maximum productivity and safety of your production equipment in order to secure your company's continued success.

With over 175 years of experience and expertise, we can guarantee the best possible support for the operation of your machines – and not only those supplied by Schuler, but by all other manufacturers. Whatever the situation, Schuler Service has the right solution for your specific needs.



[www.schulergroup.com/
service_en](http://www.schulergroup.com/service_en)

ABOUT THE SCHULER GROUP – WWW.SCHULERGROUP.COM

Schuler offers customized first-rate technology in all areas of forming – from the networked press to press shop planning. In addition to press, our product includes automation and software solutions, dies, process know-how and service for the entire metalworking industry. Our customers include automotive manufacturers and suppliers, as well as companies in the forging, household appliance and electronics industries. Presses from the Schuler Group mint coins for more than 180 countries. When it comes to the digital transformation of the forming technology, we support our customers worldwide as a supplier of innovative system solutions. Founded in 1839 with headquarters in Göppingen, Germany, Schuler AG has about 6,600 employees at production sites in Europe, China and America, as well as service companies in more than 40 countries. The company is majority-owned by the Austrian ANDRITZ Group.

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