



At home in every industry.

Blanking and forming systems
by Schuler.



AT HOME IN EVERY INDUSTRY – BLANKING AND FORMING SYSTEMS BY SCHULER

Welcome to Schuler

For more than 170 years, Schuler has been supplying presses and automation systems for customers in metal forming industries. Whether in the stamping plant or press shop, the challenges facing our equipment are redefined every day. With blanking and forming systems from Schuler, you can guarantee economical production with high machine availability, the best possible component quality and extensive support services.

We are at home with forming technology, and we work in a dialog with you to develop the appropriate system solution. To do so, we rely on our innovative press technology, high-performance automation components, flexible service and personal contact with the forming specialists in your company.



You can benefit from the individual and expert advice of Schuler's forming specialists. Whether the hurdle to your goal relates to component development, diemaking, press technology or automation systems – together we will find the appropriate solution.

No two challenges are the same

Blanking and forming systems from Schuler are successfully used in a wide range of industries. Our product range is broad and able to meet many unique requirements. No two challenges are the same.

Where we are at home:

- Automotive, commercial vehicle and components
- Electrical and electronics components
- Construction and off-road vehicles
- Domestic appliances
- Furniture
- Packaging
- Medicine



AT HOME IN EVERY INDUSTRY – BLANKING AND FORMING SYSTEMS BY SCHULER

As varied as the industry – individual system solutions for your company

Successful manufacturing companies put their trust in blanking and forming systems from Schuler. Our customers produce sheet metal parts flexibly and economically with the best quality, and overcome challenges such as varied part production, complicated part geometries and processing high-strength materials.

Selecting the appropriate press model plays an important role in this. The product range for blanking and forming work extends from C-frame presses and automatic blanking machines for producing a simple range of parts, through to the highly flexible servo press for various types of complex components. Schuler has the right solution for any requirement.



Blanking and forming systems by Schuler

C-frame presses 250 – 4,000 kN (28 – 450 US tons)

Automatic blanking presses 630 – 5,000 kN (70 – 560 US tons) | **Automatic blanking presses with servo drive** 1,250 – 2,000 kN (140 – 225 US tons)

Knuckle-joint presses 2,000 – 10,000 kN (225 – 1,125 US tons) | **Knuckle-joint presses with servo drive** 4,000 – 8,000 kN (450 – 900 US tons)

Transfer and progressive die presses with link drive 4,000 – 32,000 kN (450 – 3,600 US tons)

Servo presses in monoblock design 2,500 – 6,300 kN (280 – 700 US tons) | **Servo presses in tie rod design** 6,300 – 32,000 kN (700 – 3,600 US tons)



AT HOME IN EVERY INDUSTRY – BLANKING AND FORMING SYSTEMS BY SCHULER

From concept to series production – success based upon partnership

“When customers contact us, the first important task is to listen carefully.”

Axel Meyer, head of the Blanking and Forming Systems business unit

The time between the first meeting and the start of production on a new machine in your company is very important. During this period, we remain in close contact with your planners, as well as with your diemaking, production management, maintenance and purchasing departments. In this way, we prepare the groundwork for production to start on schedule together.



Listening, consulting, planning – so that everything turns out as you imagine it

YOUR CHALLENGE

Because new tasks often require new solutions.

Your production capacities are approaching their limits. New component geometries and materials call for a redesign. Existing machines need to be replaced. There are many reasons to consider a new investment. We will be pleased to listen and provide you with individual, expert advice.

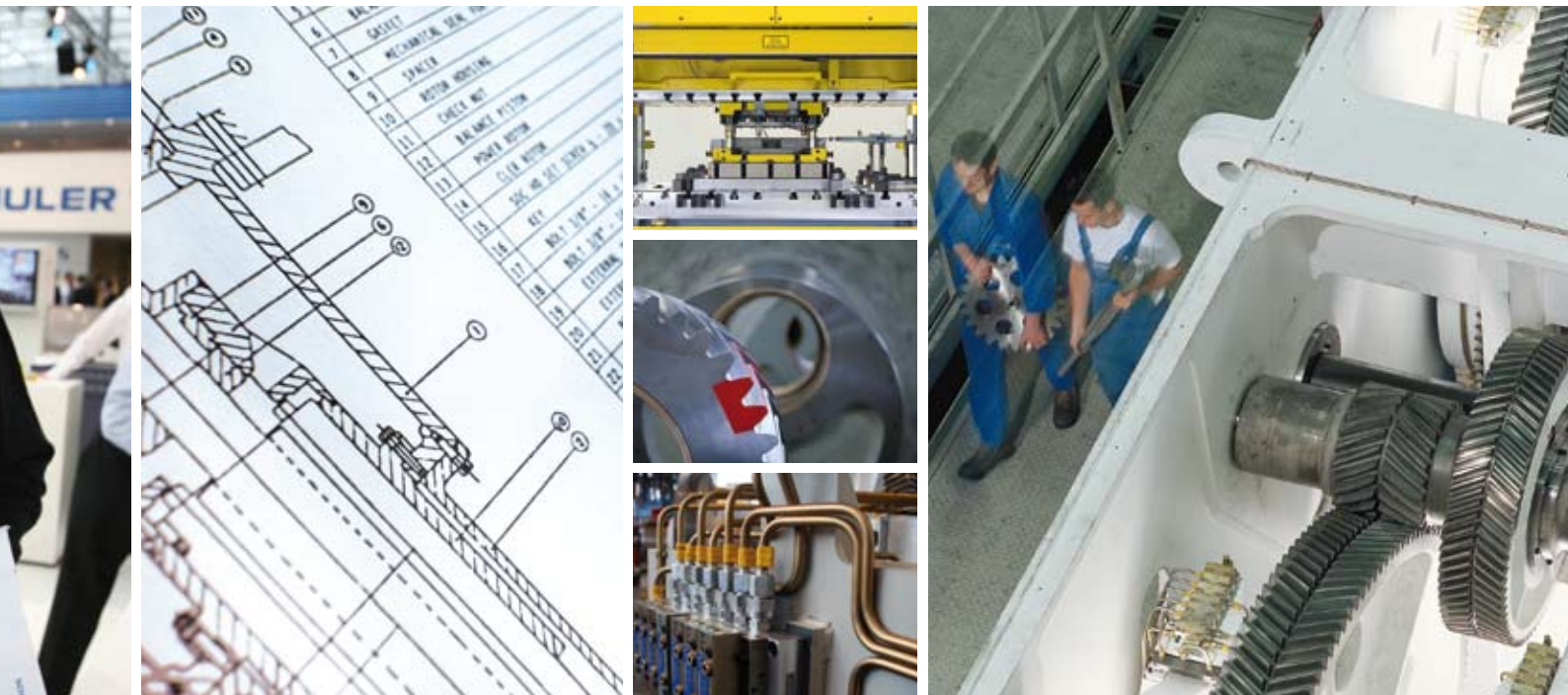
OUR DIALOG

The best ideas are created in cooperation.

No one knows the particular requirements of your company better than your own workforce. With an in-depth dialog, we work with you to find the key points to achieve successful and economical series production. This forms the basis of the individual project planning for your new machine.

“We felt we were understood throughout all the phases of the project. Cooperation in a spirit of partnership and close coordination led to an optimum result for us.”

Jens Kortenbach, CEO of Kortenbach GmbH



Precision, professionalism and quality – from the concept through to installation

OUR SOLUTIONS

We do our homework.

Modern forming technology offers a range of possibilities, and we select the appropriate one for you. This means our project team develops a solution which may contain several options for you. The team then develops machine types, sizes and the appropriate automation solutions. Always based on the requirements of your company.

YOUR INDIVIDUAL SOLUTION

What is best for your business.

Together, we define the best solution for you, starting with detailed project planning. Once the press type and automation system have been defined, we clarify questions related to control engineering, the space required on-site and the project timing. This is also the stage for clarifying a potential part-exchange from used machines, issues relating to financing as well as defining the required service activities.

“We put every machine through its paces so that series production will run smoothly at the customer’s premises right from the word go.”

Rainer Grupp, head of the Blanking and Forming Systems business unit at Schuler Presses



PLANT CONSTRUCTION AND THE TEST PHASE

Putting the theory into practice.

Your new machine is built by our experienced assembly technicians. The high level of in-house production and assembly within the Schuler Group guarantees the highest quality equipment. In the meantime, preparations for the installation get underway at your company. Schuler will be on the ground to ensure that installation and startup will run smoothly.

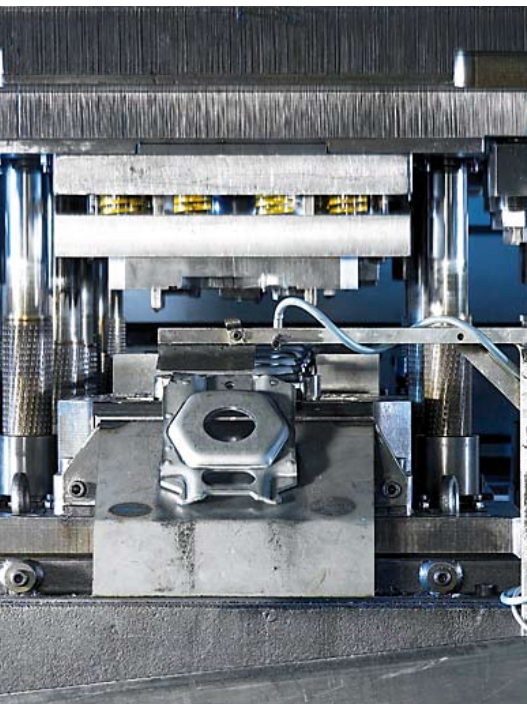
STARTUP AND PRODUCTION SUPPORT

Successful from concept to production.

We support the startup of the press and automation system, the production of the first components, as well as the training of machine operators and maintenance personnel. Production support by Schuler employees ensures that the new machine is seamlessly integrated into existing structures.

“Our machines are intended to increase our customers’ competitiveness. Quick and expert service guarantees your success in the long term.”

Klaus Heimerl, head of Schuler Service Germany



We're only happy when everything is running like clockwork

OUR SERVICE

See for yourself.

When it comes to the introduction of a new technology such as servo technology, we offer you the opportunity to have component studies performed in advance, and to try out your existing dies. In Göppingen and Erfurt, we have presses with ServoDirect technology available for this purpose. You will be surprised what you can get out of your existing dies.

SERVICE AND WORKFORCE TRAINING

Performance requires passion.

We can perform extensive services for all aspects of press systems and automation technology. Beyond providing technical service and measures to increase output, we can also train your workforce on the plant floor or in seminars provided by the Schuler Academy.

Seven good reasons to choose our automatic blanking and forming machines



PRACTICAL CONSULTING

From component analysis and simulations through to a complete view of the process – we work out the best solution together with our customers.



HIGH EFFICIENCY

High availability with optimum productivity levels, long die life, low service and maintenance costs, as well as optimized spare parts management – gives you even more efficiency.



BEST COMPONENT QUALITY

Having components with a consistent level of quality is extremely important. With automatic blanking and forming systems from Schuler, you can ensure the best component quality combined with high productivity, even with complex part geometries.



GREAT FLEXIBILITY

The product range of blanking and forming systems extends from automatic blanking machines for producing a simple range of parts through to highly flexible servo presses for complex components.



MAXIMUM PROCESS RELIABILITY

Reliable and stable overall processes are the foundation for economical work in stamping plants and press shops. You can benefit from proven processes and comprehensive process expertise.



BEST ENERGY EFFICIENCY

An advanced energy management system makes blanking and forming systems from Schuler particularly energy efficient. Not only does this save costs, it also reduces environmental pollution.



RELIABLE SERVICE

Whether it comes to technical service, measures to increase performance or individual training courses – the Schuler service team is at your disposal around the clock, and around the globe.



At home in every industry.
Blanking and forming systems by Schuler.

With best wishes from your forming specialists at Schuler

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