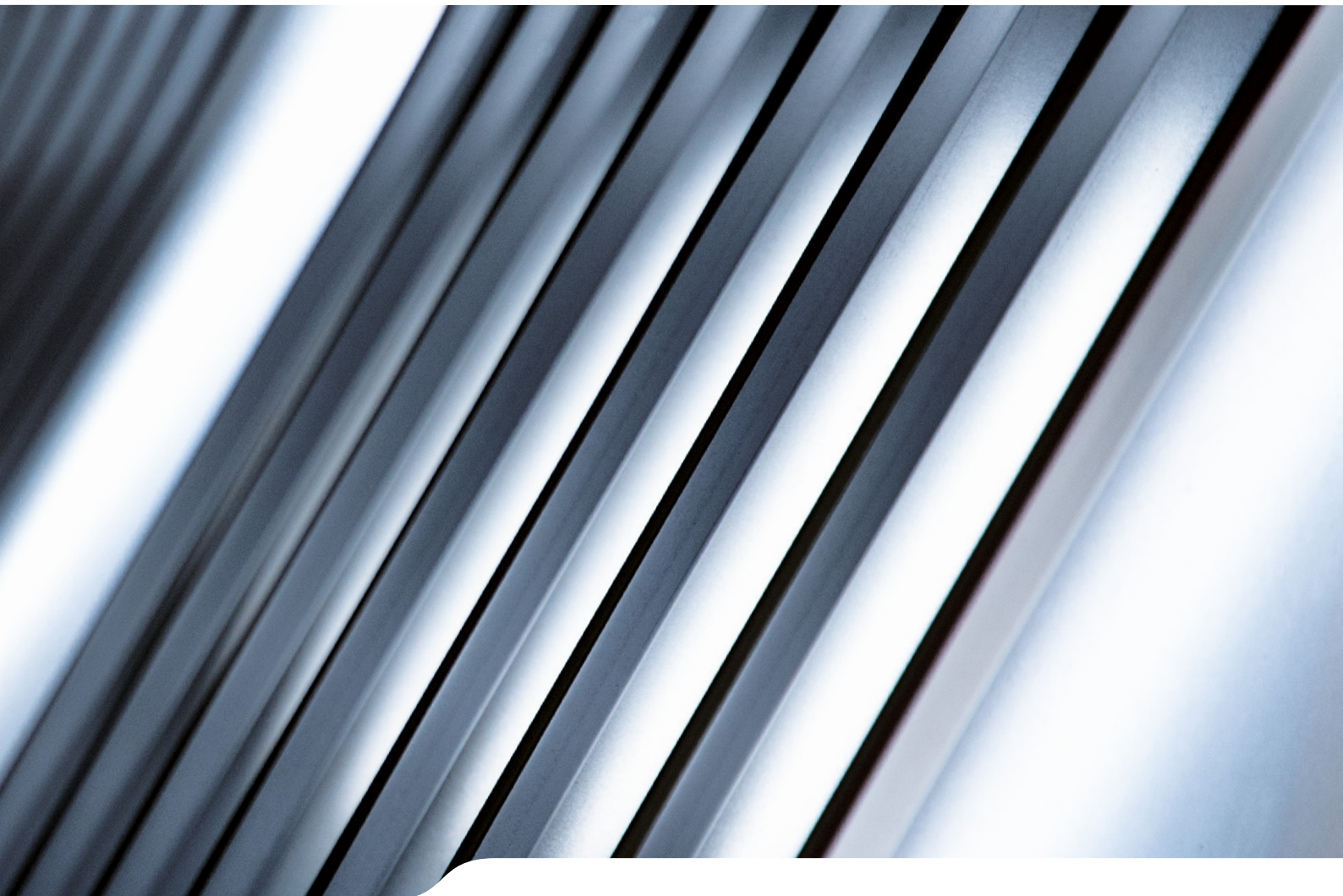


FORMING THE FUTURE



THE ENTIRE WORLD OF SHEET
METAL FORMING AT A GLANCE

FORMING THE FUTURE

THE ENTIRE WORLD OF SHEET METAL FORMING. EXPERTISE FROM A SINGLE SOURCE



SCHULER SYSTEM SOLUTIONS – EXPERTISE FROM A SINGLE SOURCE

BLANKING

BLANKING LINES



- With mechanical press
- With servo press
- With laser cell
- With two or four column swing shears
- With flying shears

DESTACKERS



Up to 30 parts per minute

BLANK STACK TURNING DEVICES



Up to 50% less blanking tools

PRESSES

HYDRAULIC PRESSES



- Hydraulic presses HPX series
2,500–8,000 kN

C-FRAME PRESSES



- C-frame presses
250–2,500 kN

STAMPING AND FORMING SYSTEMS

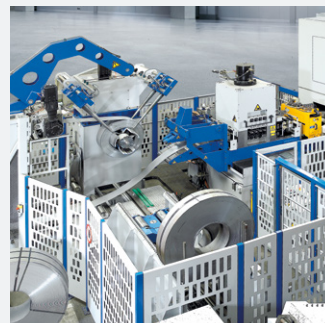


PRESSES WITH FLYWHEEL DRIVE

- Stamping presses
1,250–5,000 kN
- Knuckle-joint presses
3,000–15,000 kN

AUTOMATION | PRESSES

COIL FEEDING LINES



- Short space design
Coil thickness 0.5–25 mm
– Compact Line



- Long space design
Coil thickness 0.5–8 mm
Coil width 300–1,850 mm
– Basic Line
– Power Line

ROLL FEED



- Power Feed
Up to 45 m/s²
Coil width 300–1,850 mm

PRESS LINES

STAMPING AND FORMING SYSTEMS



TRANSFER, PROG-DIE AND MULTI-STATION PRESSES

- **Mechanical multi-slide presses**
8,000 – 45,000 kN
- **Mechanical multi-station presses**
2,500 – 60,000 kN
- **Hydraulic transfer presses**
5,000 – 32,000 kN

STAMPING AND FORMING SYSTEMS



SERVO PRESSES

- **Servo presses | monoblock design**
2,500 – 8,000 kN
- **Servo presses | tie rod design**
6,300 – 32,000 kN
- **Presses with TwinServo Technology**
10,000 – 35,000 kN

EXPLORE TECHNOLOGY
Servo TechCenter in Erfurt
(Germany)

STAMPING AND FORMING SYSTEMS



SPECIAL APPLICATIONS

- **High-speed stamping presses**
630 – 1,250 kN
- **Presses for aluminum forming**
400 – 630 kN
- **Knuckle-joint presses for radiator panels**
3,550 – 15,000 kN
- **Knuckle-joint presses for technical washers**
1,500 – 4,000 kN
- **Knuckle-joint presses for embossing and calibrating**
3,600 – 10,000 kN

WITH SERVO DIRECT TECHNOLOGY



- **ServoLine 16**
Up to 16 strokes per minute
- **ServoLine 20**
Up to 20 strokes per minute

TRANSFER SOLUTIONS



- **Pro Trans**



- **Intra Trans**
- **Intra Feed**

RACKING SYSTEMS



Customer-specific output systems

FRONT-OF-LINE



- **Blank loaders**
- **Blank washers**
- **Lubricators**

AUTOMATION | PRESS LINES

TRYOUT

MECHANICAL



- Mechanical press lines
- Mechanical high-speed press lines

HYDRAULIC



- Hydraulic press lines
- Hybrid press lines

TRYOUT SYSTEMS



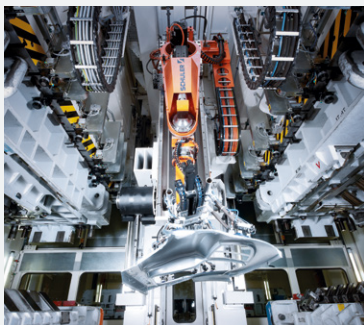
- Hydraulic die spotting and tryout presses
- Hydraulic multi-curve tryout presses
- Mechanical tryout presses
- Tryout centers



- Tryout presses with ServoDirect Technology
- Die openers and transfer simulators

DIE AND FORMING TECHNOLOGIES

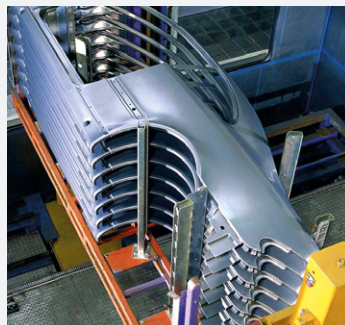
INTERPRESS



- Robots
- Crossbar Robots
- Crossbar Feeders

EXPLORE TECHNOLOGY
Automation TechCenter
in Gemmingen (Germany)

END-OF-LINE



- Removal systems
- Finished part stacking systems

ENGINEERING, DIES, PARTS MANUFACTURING



- Method planning/simulation
- Construction
- Car body dies
- Powertrain dies
- Module dies



EXPLORE TECHNOLOGY
Press plant and Hot Stamping
TechCenter in Göppingen
(Germany), Servo TechCenter in
Erfurt (Germany)

LIGHTWEIGHT TECHNOLOGIES

SOLUTIONS FOR HIGH-VOLUME MANUFACTURING



- Cold forming of high-strength steel
- Hot stamping with PCH Technology
- Hydroforming
- Plastic forming
- Aluminum forming

EXPLORE TECHNOLOGY

Hot Stamping TechCenter in Göppingen (Germany)

Hydroforming TechCenter in Canton, MI (USA)

SCHULER TECHCENTERS

EXPERIENCE TECHNOLOGY LIVE



At sites in Germany and in the USA – Schuler TechCenters offer an intensive communication option. With individual and tailor-made demonstrations, tests and training courses – directly on the latest presses and automation equipment.

www.schulergroup.com/techcenter

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24/7 Hotline & Remote Support



Service centers worldwide
Field Service



Quick and easy
Spare Parts Service



For Schuler or third-party presses
Smart Modernization Solutions



Remain flexible at all times in production
More than 400 Used Presses



Increase efficiency with digital solutions
Digital Solutions

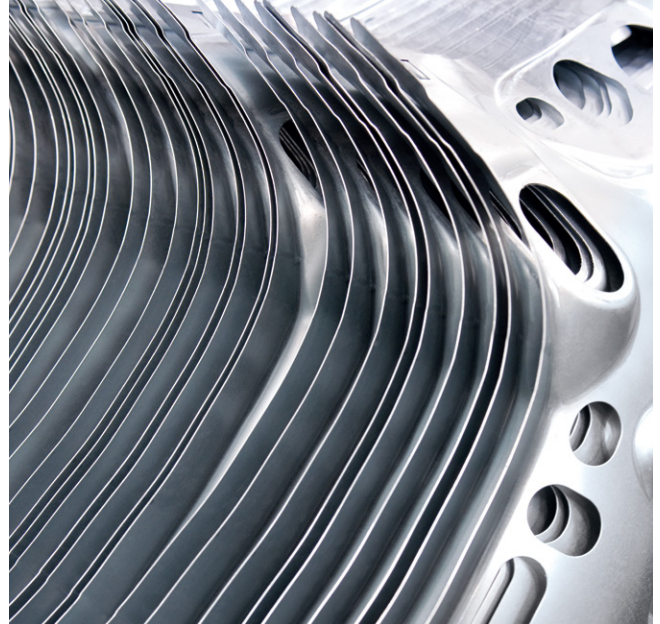


Achieve your financial and ecological goals
Eco-Form Package & Energy Monitor



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System partners in forming technology. Schuler possesses many years of extensive process expertise and offers individual machine concepts for the automotive industries and their suppliers. Whether compact presses, blanking and forming systems, mechanical presses for high volume production or hydraulic presses for flexible production of small to medium production lot sizes – Schuler’s goal is to provide a cost-effective solution that gives customers a competitive edge. Products and services cover the complete process chain for turnkey metal forming systems. Whether for medium-sized companies involved in stamping and forming, large suppliers or an automaker’s stamping plant, Schuler provides the best technology for each application – supplying systems that produce consistent, high quality parts and deliver a competitive edge.



SUSTAINABLE FORMING SOLUTIONS

With the aid of Schuler ECOFORM, we can improve the energy requirements of sub-assemblies, system solutions, forming processes and methods. ECOFORM offers you: a press shop energy analysis, the use of energy-efficient components, innovative system solutions, intelligent control solutions and practice-oriented consulting. Schuler ECOFORM is a pioneering program that achieves a perfect combination of innovation, sustainability and economic efficiency.



SUSTAINABLE
FORMING SOLUTIONS

ABOUT THE SCHULER GROUP – WWW.SCHULERGROUP.COM

Schuler offers customized cutting-edge technology in all areas of forming – from the networked press to press shop planning. In addition to presses, our products include automation, dies, process know-how and service for the entire metalworking industry. Within the Metris platform by ANDRITZ, Schuler brings together digital solutions for networking forming technology and develops them continuously to further improve line productivity and availability. For battery production in gigafactories, Schuler provides equipment and services in the process steps of cell assembly and formation. Our customers include automotive manufacturers and suppliers, as well as companies in the forging, household appliance and electrical industries. Presses from the Schuler Group mint coins for more than 180 countries. Founded in 1839 at our headquarters in Göppingen, Germany, Schuler has approx. 5,000 employees at production sites in Europe, China and the Americas, as well as service companies in more than 40 countries. The company is part of the international technology group ANDRITZ.

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