



SYSTEMS SOLUTIONS FOR TODAY'S PRESS SHOPS

FORMING THE FUTURE

// BLANKING

> BLANKING LINES



- Servo presses
- Mechanical presses
- Swivel shear
- Oscillating shear
- Flying shear

> STACK TURNING UNITS



// METAL FORMING · SINGLE PRESS SYSTEMS

> HYDRAULIC PRESSES



- Hydraulic Presses
1.000 – 100.000 kN
- SH-series
1.000 – 16.000 kN

> C-FRAME PRESSES



- C-Frame-Presses
250 – 5.000 kN

> BLANKING PRESSES



- Automatic blanking presses
1.250 – 5.000 kN
- Automatic blanking presses
with servo drive
1.250 – 2.000 kN
- Automatic high-speed
blanking presses
630 – 2.000 kN

// AUTOMATION · SINGLE PRESS SYSTEMS

> COIL FEED LINES



- Short space

> ROLL FEED UNITS



- Long space

// METAL FORMING · PRESS LINES

> TRANSFER-, PROGDIE AND MULTI-STATION PRESSES

> KNUCKLE-JOINT PRESSES

> SERVO PRESSES



- Knuckle-joint presses 2.000 – 10.000 kN
- Knuckle-joint presses with servo drive 2.500 – 15.000 kN

- Presses with eccentric or link drive 1.000 – 32.000 kN
- 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

- Servo presses in monoblock design 2.500 – 6.300 kN
- Servo presses in tie rod design 6.300 – 32.000 kN

> PRESS LINES



- Press lines with ServoDirect Technology

- Mechanical press lines
- Mechanical high-speed press lines

// AUTOMATION · PRESS LINES

> PRESS-TO-PRESS AUTOMATION

> FRONT-OF-LINE



- Blank destackers/loaders
- Washers
- Reoilers

- Robots
- Crossbar Robot
- Crossbar Feeder
- Speedbar

> 3-AXIS TRANSFERS

> RACKING SYSTEMS

> DESTACKERS



- New
- Retrofit

// TRYOUT

> TRYOUT SYSTEMS



5.000 – 30.000 kN

- Hydraulic tryout presses
- Hydraulic high-speed tryout presses
- Mechanical tryout presses
- Tryout presses with ServoDirect Technology
- Tryout centers
- Die turnover devices and transfer simulators

// DIES

> DIE SHOP



- Die engineering
- Auto body dies
- Test centers for press hardening
- Multi-station die manufacturing
- Auto body stamping facility and tryout center

// LIGHTWEIGHT TECHNOLOGIES

> LIGHTWEIGHT TECHNOLOGIES FROM SCHULER



- Cold forming of high-strength steels
- PCH pressure controlled hardening (hot stamping)
- Hydroforming
- Plastic forming
- Aluminum forming

// SERVICE

> ON SITE AROUND THE WORLD



- Technical service
- Performance enhancements
- Training
- Used presses



- Hydraulic press lines
- Hybrid press lines

> END-OF-LINE



- Part handling
- Stacking/racking systems



As a partner in forming systems technology, Schuler has many years of experience and comprehensive process knowledge in providing automakers and their suppliers with customized production line concepts.

Whether compact presses, blanking and forming presses, mechanical presses for high-volume production or hydraulic presses for flexible manufacturing 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 sequence 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 the application – supplying systems that produce consistent, high-quality parts and deliver a competitive edge. Comprehensive service plays an increasingly important role in business today.

As a turnkey supplier, our services range from purchasing, project management and

production start-up to aftermarket support and preventive maintenance programs. The advantages of our experience in technical service include improved uptime and performance enhancement through the modernization of existing lines and consulting to optimize line utilization and efficiency.

Schuler provides on-site service worldwide and global market coverage for sales, production and service.



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Corporate video

FORMING THE FUTURE