

**Schuler Cartec –
from simulation to volume production**



From simulation to volume production

ENGINEERING – WEINGARTEN, GERMANY



Capabilities:

- Feasibility studies
- Simulation
- Process planning
- Project coordination
- Die design

Pattern technology

Casting pattern fabrication

Draw die models



AUTO BODY DIES – GÖPPINGEN, GERMANY



Capabilities:

- Body panel die building
- Project management
- Machining
- Assembly/ Tryout
- Completion of dies

Die solutions for special applications

Press hardening

Trimming press hardened (hot stamped) material with Soft-Shock

Service:

- Die repair
- Production die optimization and quality improvement
- Field service support
- Training



TRANSFER-SPECIAL DIES – WEINGARTEN, GERMANY

MORKOV FACILITY – CZECH REPUBLIC

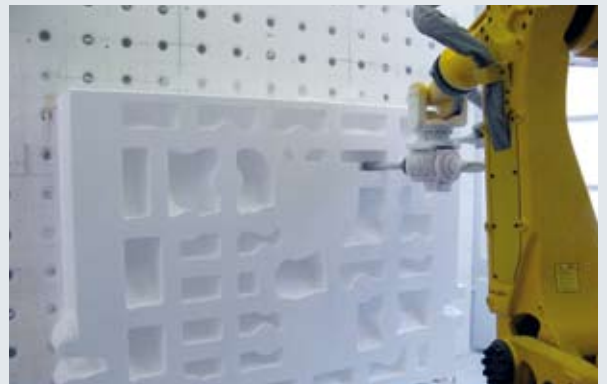


Capabilities:

- Die design and building for transmission parts
- Transmission part development and prototype manufacturing
- Transfer die building
- Die development for servo press technology
- Small lot production
- Special parts

Capabilities:

- Castings
- Machining
- Assembly/Installation



AUTO BODY PRESS SHOP – GÖPPINGEN, GERMANY

PRESS SHOP AND TRYOUT CENTER – ERFURT, GERMANY



Capabilities:

- Start-up assistance for volume production
- Process and quality optimization for volume production
- Volume production
- Small lot production
- Temporary part production

Press line 1

1 Lead press	1,760 US tons	16,000 kN
Bed dimensions	110 × 67 inches	2,800 × 1,700 mm
5 Follow-on presses	880 US tons	8,000 kN
Bed dimensions	110 × 71 inches	2,800 × 1,800 mm

Press line 2

1 Lead press	1,380 US tons	12,500 kN
Bed dimensions	146 × 98 inches	3,700 × 2,500 mm
5 Follow-on presses	880 US tons	8,000 kN
Bed dimensions	138 × 75 inches	3,500 × 1,900 mm



Capabilities:

- New advanced die technologies for servo presses
- Volume production
- Customer support
 - die and part optimization
 - temporary production relocation
 - start-up assistance
 - die optimization for servo technology on in-house servo press

Press 1

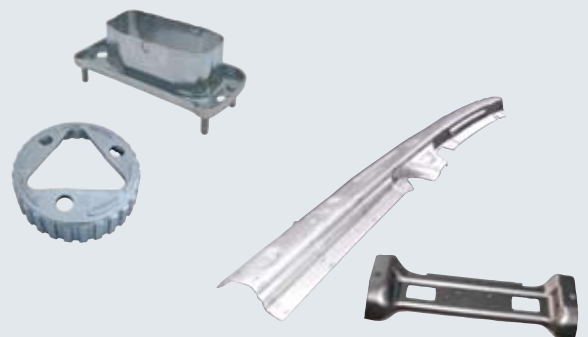
Mechanical transfer press

Capacity	1,210 US tons	11,000 kN
Bed dimensions	197 × 87 inches	5,000 × 2,200 mm

Press 2

Servo transfer press

Capacity	1,210 US tons	11,000 kN
Bed dimensions	197 × 87 inches	5,000 × 2,200 mm





SCHULER CARTEC GMBH & CO. KG

Göppingen Facility
Bahnhofstr. 41
73011 Göppingen
Telephone +49 7161 66-0
Fax +49 7161 66-622
E-Mail: info@sctg.schulergroup.com



SCHULER CARTEC GMBH & CO. KG

Weingarten Facility
Gartenstr. 54
88250 Weingarten
Telephone +49 751 401-03
Fax +49 751 401-2931



SCHULER CARTEC ENGINEERING GMBH & CO. KG

Heinrich-Hertz-Str. 6
88250 Weingarten
Telephone +49 751 4006-0
Fax +49 751 4006-195
E-Mail: info.cartecengineering@schulergroup.com



ERFURT FORMING CENTER GMBH

Schwerborner Str. 1
99086 Erfurt
Telephone +49 361 7066-50
Fax +49 361 7066-51
E-Mail: umformcenter.erfurt@mwag.de



MÜLLER WEINGARTEN CZECH REPUBLIC S.R.O.

Zivotice u Nového Jicína cp. 118
74272 Morkov
Czech Republic
Telephone +420 556 7799-11
Fax +420 556 7799-04
Email: mwcr@mwcr.cz



SCHULER CARTEC GMBH & CO. KG

Bahnhofstr. 41 | 73033 Göppingen | Germany
Phone +49 7161 66-0 | Fax +49 7161 66-622
info@schulergroup.com | www.schulergroup.com

SCHULER INCORPORATED

7145 Commerce Boulevard | Canton, Michigan 48187 | USA
Phone +1 734 2077200 | Fax +1 734 2077220
info@schulergroup.com | www.schulergroup.com