

Certified according to EN ISO 9001:2015

## Range of products and services

Automatic Blanking and Forming Machine with NC Transfer			
Pressing force: 6300 KN	Strip width: 600 mm	Machine table: 3600 mm	Strip thickness: 0,5 - 6,0 mm
Pressing force: 4000 KN	Strip width: 520 mm	Machine table: 3000 mm	Strip thickness: 0,5 - 14,0 mm
Pressing force: 4000 KN	Strip width: 320 mm	Machine table: 3000 mm	Strip thickness: 0,5 - 4,0 mm
Pressing force: 2500 KN	Strip width: 400 mm	Machine table: 2200 mm	Strip thickness: 0,5 - 4,0 mm
Pressing force: 2000 KN	Strip width: 320 mm	Machine table: 2300 mm	Strip thickness: 0,5 - 4,0 mm

Automatic Blanking and Forming Machine with Servo Drive and NC Transfer			
Pressing force: 2000 KN	Strip width: 320 mm	Machine table: 1800 mm	Strip thickness: 0,5 - 4,0 mm

Automatic Hydraulic Blanking and Forming Machine			
Pressing force: 3150 KN	Strip width: 500 mm	Machine table: 2000 mm	Strip thickness: 0,5 - 4,0 mm
Pressing force: 2500 KN	Strip width: 600 mm	Machine table: 2000 mm	Strip thickness: 0,5 - 5,0 mm

Hydraulic Deep-Drawing Presses	
Hydraulic deep-drawing presses 400 – 3150 kN	
Hydraulic deep-drawing presses 3150 kN with robot handling	

High-Precision Automatic Punching Presses	Manually loaded presses
Pressing force: 400 - 1600 KN	Pressing force: 400 - 1600 KN

Production-Accompanying Treatment of Products	
<b>Final treatment:</b> Part cleaning, preservation, vibratory grinding, drum deburring	<b>Welding:</b> Resistance welding up to 189 kVA
<b>Machining:</b> Automated CNC turning	<b>Thread cutting:</b> Outer and inner thread from M2.5 to M8 on multi-spindle machines

Production-Accompanying Treatment of Products with Competent Partners
All galvanic treatments, various paint coatings, vacuum annealing, hardening, case hardening, quenching and tempering, tenifer treatment, vacuum brazing

Technical Expertise	
<b>Design, quality assurance:</b> 3D CAD/CAM systems, 3D coordinate measuring machine, shape and roughness measuring devices, imbalance measurement	<b>In-house tool manufacturing:</b> Multi-stage tools, progressive dies, thermoforming tools, bending tools, stamping tools, assembly equipment