



KALINA
industries s.r.o.

***Metal Pressing Plant
and Tool Shop***



1 tool design

Both the tool design and the technology are assessed on case by case basis with respect to the presumed scale of production. Tools are designed using 3D software.

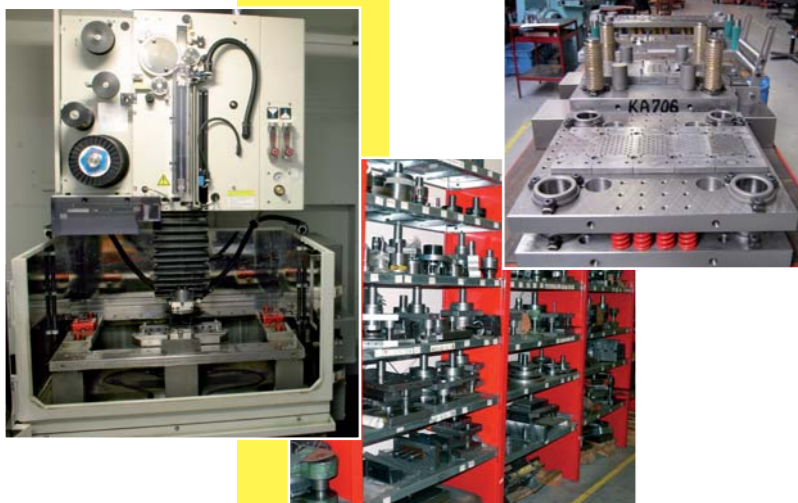


2 tool manufacturing

Machinery:

Electroerosive wire cutter
Lathe
Grinders
Drills
Miller
Hardening furnace

Both simple and sequential tools, intended for material cutting, plunging, thrust and bending, enabling for both coil processing and manual feeding.



3 quality



Sampling as per VDA, PPAP Controls and measuring upon requests; including supplies for automotive industry. ISO 9001:2008 certified.



5 pressing plant



Cutting, plunging, thrust and bending using both simple and combined tools. Processing of coils and sheets using feeders or manual feeding.

Machinery:

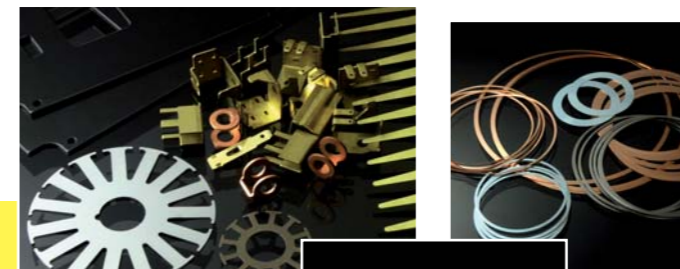
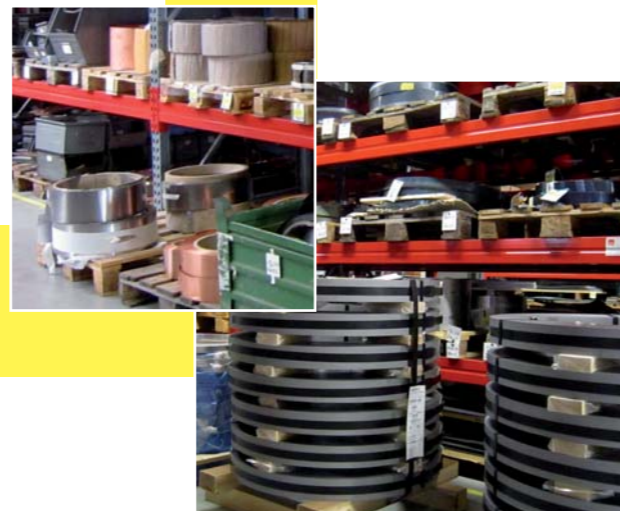
20 excentric presses (tonnage 5–250 tons).
4 coil processing lines (tonnage 40–100 tons).
High-speed Bruderer press with accessories.
Manual presses, winding, unwinding and straightening devices.

4 material



Various sorts of material:

Steel (mild, medium, spring, stainless, electro-insulating sheets).
Aluminium and copper coils, coils and sheets of materials, thickness 0.1–6 mm.
Product width up to 600 mm.
Product length up to 1 000 mm.
Material cutting with mechanical shears.



Pressing plant products:

Automotive parts
Industrial parts
Parts for electrotechnics
Distance washers and rings
Metal fabric parts



6 tumbling



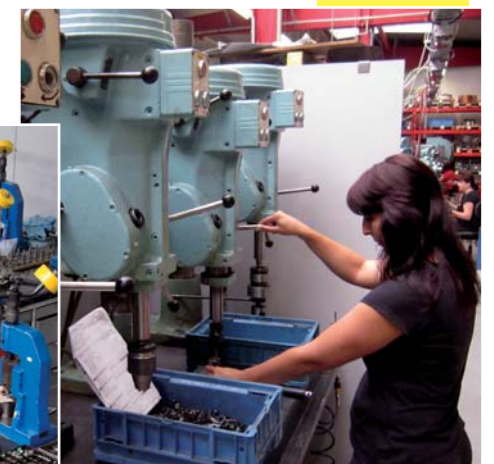
Scouring
Excentric tumbling (Rösler)
Sandblasting
Drying (Rösler)
Preservation



8 heat treatment and surface finishing

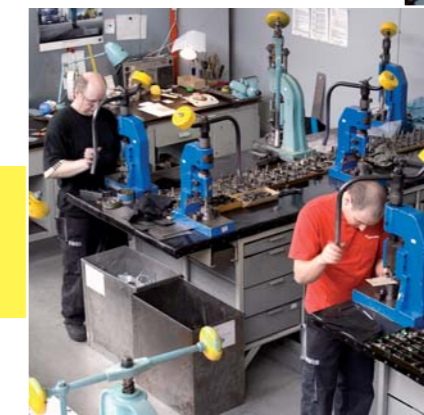
Finishing as per customers' request:

Hardening
Annealing
Carbonitrooxidation
Blackening
Zinc-coating
Nickel-coating
Pewter-coating



7 assembly and completion

Drilling
Recessing
Threading
Crimping
Bore calibration
Point welding
Welding





KALINA industries s.r.o.

manufacturer of pressed metal parts, industrial and automotive gaskets from Zlín

The company was established in 1990 by Jan Kalina. Since 2008 it has carried out its business in the newly built premises in the Zlín – východ industrial zone. These days the the metal pressing plant and the tool shop are the main service of the company.

Besides the company's own standardized parts production program, parts for customers from automotive, engineering, construction, and electrical engineering industries are produced. The presence of an in-house tool shop enables for quick response to customers' demand.

Strengths of the KALINA company:

- minimum time span from placing order to production commencement
- production and technology planning with respect to product cost and production scale
- quality management – ISO 9001-2008 certified
- large material stock (incl. atypical dimensions, alloys, etc.)
- delivery of finished products, including assembly, heat treatment and surface finishing

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