



METAL WORKS FACTORY | SURFACE TREATMENT | TOOL CONSTRUCTION



Our services

Pressing technology

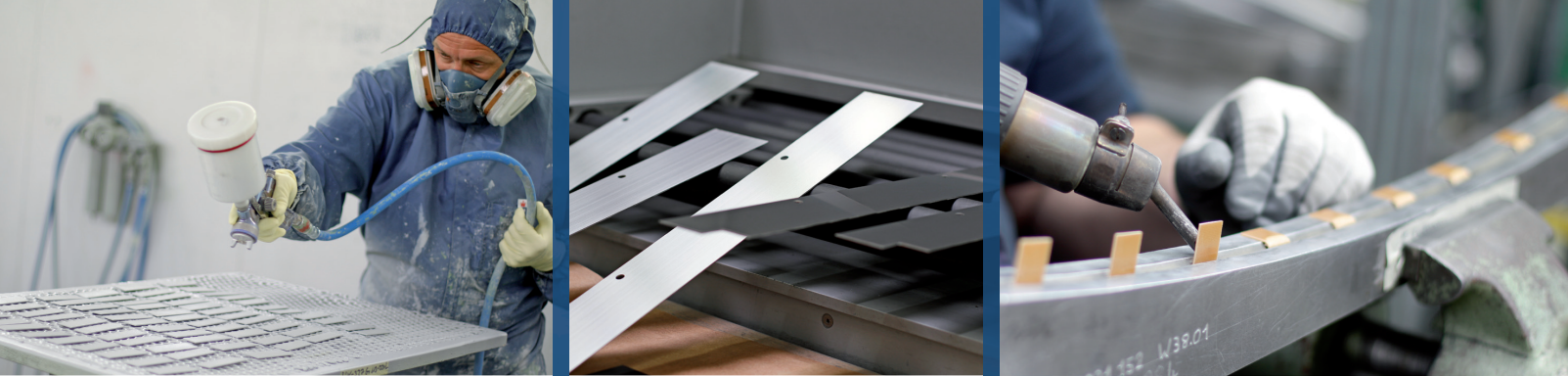
Machining options

- Automatic cutting presses from 3.000 to 8.000 kN
- Material width up to 800 mm
- Material thicknesses up to 6 mm
- Tool sizes up to 4.000 mm
- Manual insert presses from 250 to 1.300 kN for various manufacturing and machining steps
- Slide grinding
- Thermal and surface treatment by external partners
- Standard components can be automatically pressed in during the punching process

Sheet metal working

Machining options

- Punch-nibbling for metal sheet up to dimensions of 2.500 x 1.250 x 6 mm
- HSC milling of aluminium for metal sheet up to dimensions of 3.000 x 1.500 x 10 mm
- 5-axle profile milling up to a length of 4.000 mm
- Heat treatment (NADCAP HT)
- CNC-chamfering up to 3.000 mm, 1.500 kN
- Pressing-in, riveting, adhesive technologies, assembly, conservation
- And many more...



Surface treatment (NADCAP CP)

Electroplating

max. workpiece size: 1.700 x 350 x 700 mm (LxWxH)

- TSA (Tartaric sulfuric acid)
- Chromium
- Sulfuric acid anodization
- Chromating
- Al-passivation and electrolytic pickling

max. workpiece size: 500 x 450 x 500 mm (LxWxH)

- Steel passivation
- Pigmenting after sulfuric acid anodization: black and red

Varnishing

- Varnished surfaces in your favorite color and structure (solvent-based and water-based varnishes)
- Labeling of the components (ink, engraving, stamping)

Other technologies

- Slide grinding
- Abrasive blasting
- Brushing
- Priming
- Application of corrosion protection

Assembly

Machining options

- Drilling machines
- Riveting machines, riveting robots
- Pressing-in machines
- Adhesive technologies
- Labeling and engraving
- Conservation
- And many more ...

Chipping

Machining options

- 5-axle milling machines with travelling distances of 800 x 800 x 550 mm – some with automatic pallet exchangers
- 3-axle milling machines with travelling distances of 850 x 700 x 500 mm
- Lathe centers – some with powered milling tools, up to a diameter of 410 mm and a length of 538 mm, some with automatic bar feeding
- Surface grinding machines up to dimensions of 1.200 x 400 x 550 mm
- Wire eroding on various machines up to component dimensions of 500 x 350 x 426 mm
- Die sinking up to dimensions of 600 x 400 x 400 mm
- Other small machines and equipment for various applications in tool construction, necessary for manufacturing and testing

Tool construction

In-house construction

- CAD – Solid Works – with various converters
- Data formats: step, stp, igs, iges, dwg, dxf, catia V5 and many more

New tool construction

Maintenance of existing tools



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