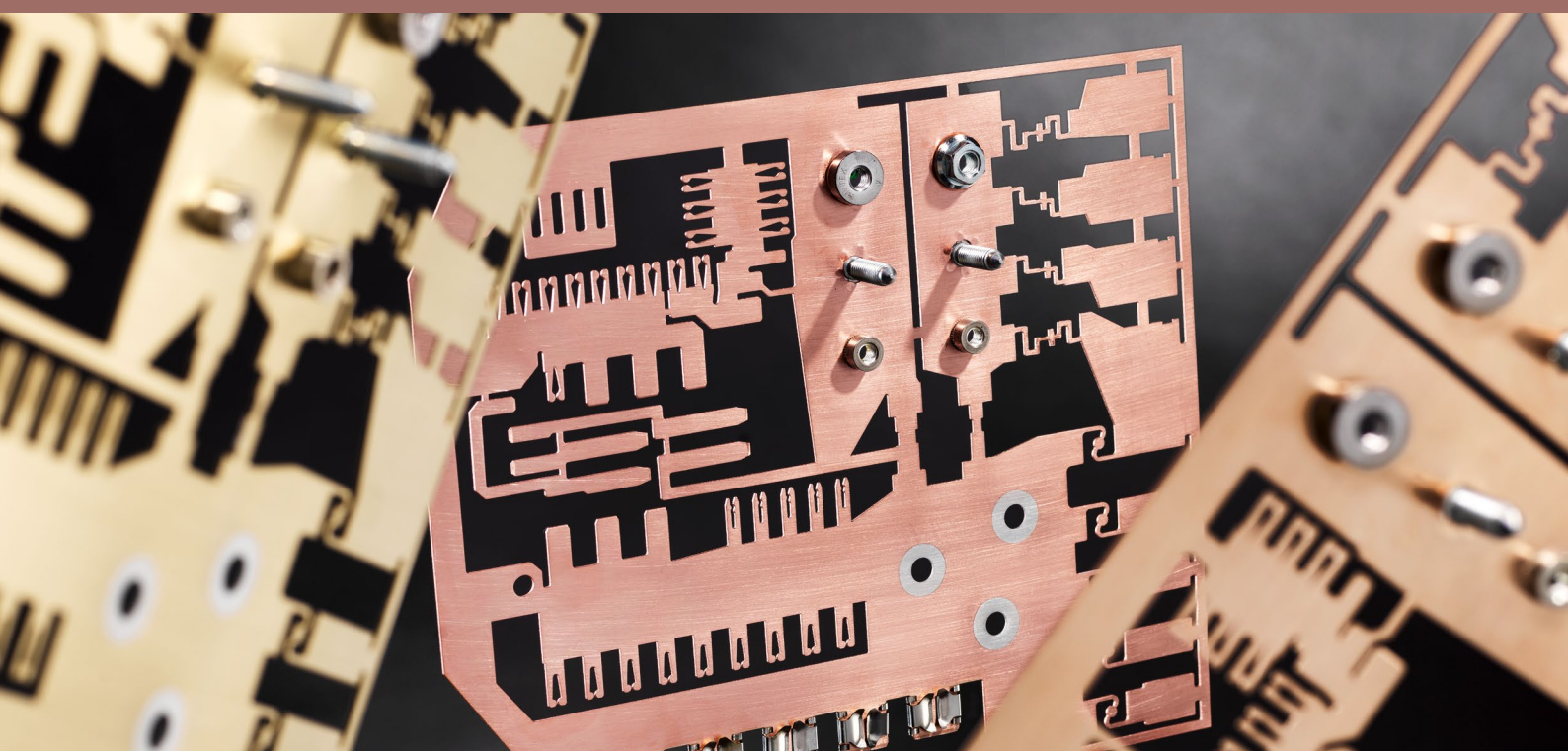
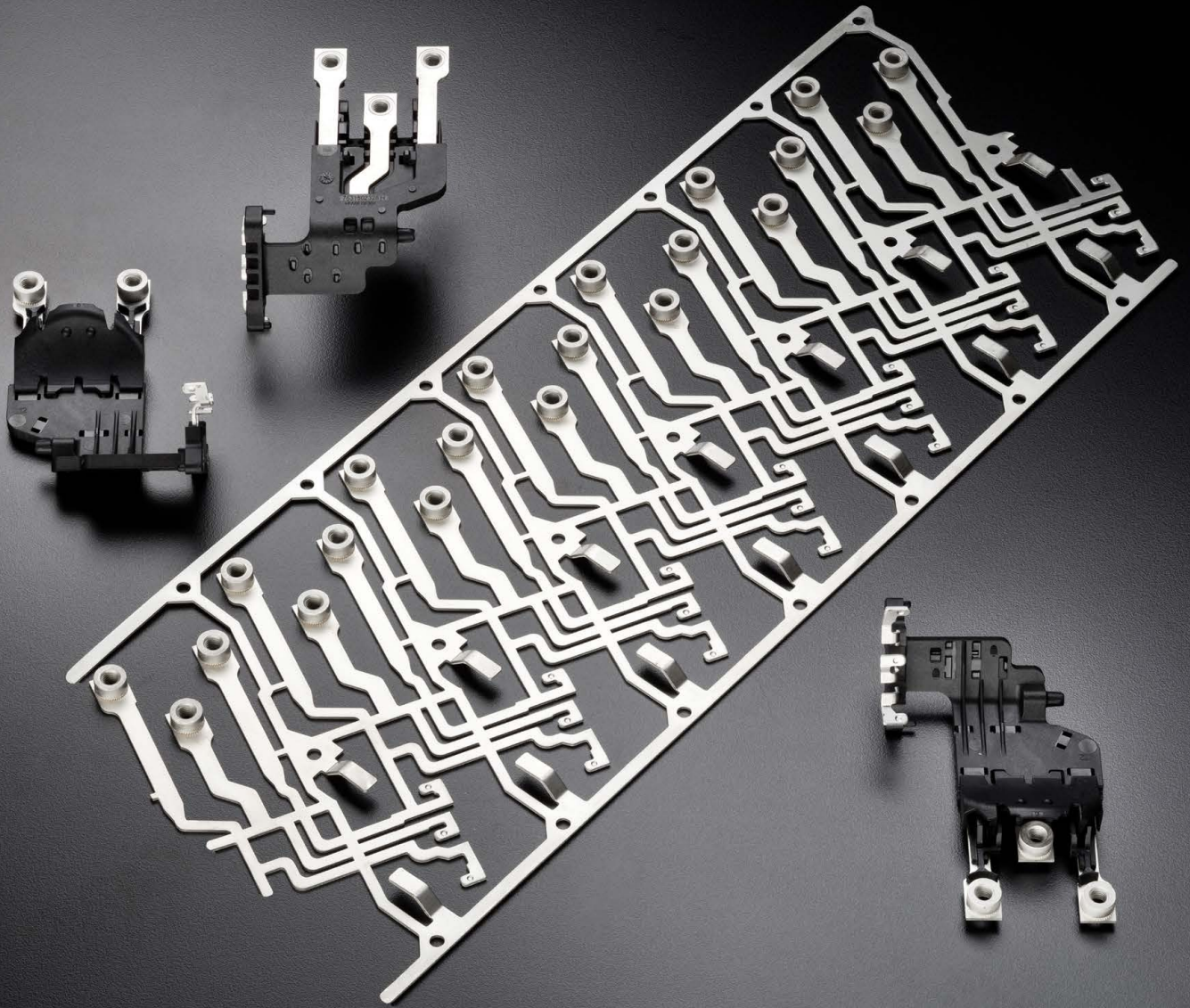


INDUSTRIAL ROLLED

STAMPING
TECHNOLOGY

KME Germany GmbH
COPPER DIVISION
[EN]





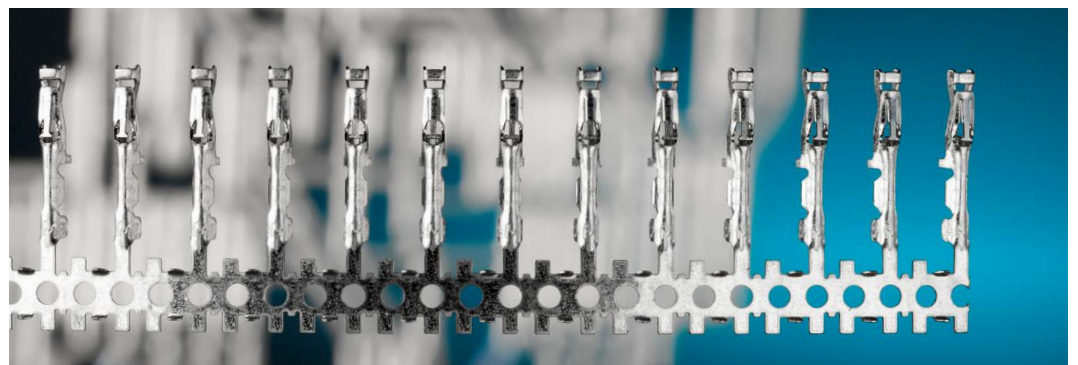
Stamping Technology

At our KME site in Osnabrück we manufacture premium progressive die tools, in addition to sophisticated stamped, contact, and bent parts and sub-assemblies in close cooperation with our customers. KME not only offers parts in copper and copper alloys, from strips produced in our own foundry and in-house rolling mill, but also from steel, chrome-nickel-steel, aluminium and many other materials.

Our services begin at your design stage, as we offer you all steps involved in the entire process chain as a cooperative partnership: Consultation regarding optimum material selection, production process best suited

to the material, surface finishing, packaging, automation, all embedded into your internal downstream processes, as well as material recycling and metal handling. This “single-source” philosophy, closes the production cycle, saves interfaces, effort, and above all costs, all major factors in an increasingly demanding and competitive market.

We fulfil your quality objectives and requirements on environmental protection, industrial health and safety as well as the associated ecologically efficient use of energy by means of successful certifications in compliance with ISO/TS 16 949, ISO 50001, ISO 14001 and OHSAS 18001.



| | <i>High speed presses (Bruderer)</i> | <i>Presses (Haulick & Roos)</i> |
|---------------------------|--------------------------------------|-------------------------------------|
| Pressing force | 500 kN | 1,600 – 3,000 kN |
| Stroke rate | max. 1,100 strokes/min | max. 300 strokes/min |
| Tool length | max. 1,100 mm | max. 2,500 mm |
| Material quality | all standard material qualities | all standard material qualities |
| Material width | max. 200 mm | max. 400 mm |
| Material thickness | up to primarily 1 mm | up to primarily 5 mm |



Profile

Included in our customer portfolio, are many well-known clients from the automotive industry, the electrical and electronics industry and many other fields of application.

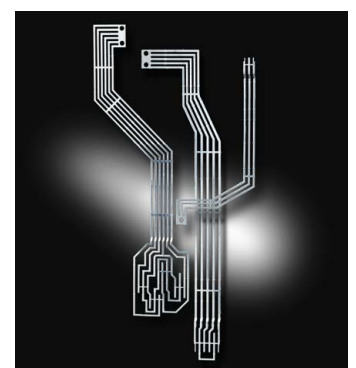
All demanding precision products, manufactured to the highest quality standards, competitive terms and conditions and adherence to deadlines, all of which are pillars on which the solid growth of our company is based. The product portfolio ranges from bus bars, battery cell connectors, stamped parts, contact parts, press-fit technology, stamped grids and crimp contacts through to complete sub-assemblies.

Production

Our state-of-the-art stamping machines, enable us to process materials with thickness from 0.1 to 5.0mm with stamping forces between 500 kN and 3,000 kN, in almost any required material: not only from copper and copper alloys produced at KME, but also from steel, chrome-nickel-steel, aluminium and many other materials.

Services

Excellent price-performance ratio, reliability and quality are only one side of the coin. Flexibility is just as important. We regularly invest in the expansion of our capacity, in order to be able to quickly and easily react to your requirements. Our in-house tool design and tool construction departments have been seen significant investment and expansion in recent years. We have equipped the production department with modern, high-performance camera technology for single parts and strip material, meaning that we are ready for whatever 100% inspections and challenges the future may bring.



Further information:

WWW.KME.COM

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