In use worldwide

Conventional Marking Technology
Stylus-/ Scribe Marking Technology
Laser Technology
Traceability
Special-Purpose Machines

BORRIES MARKING-SYSTEMS

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Leaving a lasting mark!
BORRIES Marking-Systems manufactures machines and tools for direct marking, material-displacement marking and permanent marking.

Our marking systems can be found in service the world over:
Throughout the whole of the automobile industry including the automotive suppliers, in aerospace, in the machine building industry, in the electrical and steel industries as well as in medical technology.

Our company was founded in 1952 in Ludwigsburg. The domicile of the company is now Pliezhausen in Germany. Although we are - and have been for a long time now - one of the largest, most innovative and high-performance suppliers in the marketplace, we have not sacrificed the valued attributes of a medium-sized company: Transparency and dependability, short paths and reliable processes.

Quality and service are of the highest importance for us. We place high value on collaboration based on trust and partnership, and realizing developments by working closely together with our customers.

Excellent performance of Borries Marking-Systems

Made in Germany

Top 100:
Borries Marking-Systems makes it into the ranks of Germany’s most innovative small and medium sized enterprises. The Top 100 award is based on academic research on the firm. The project’s mentor is the journalist and television presenter Ranga Yogeshwar.

Award for creditworthiness:
For the third time in a row Borries Marking-Systems is honoured with the Top Rating certificate. Thus, the company is still one of the 4.9 percent of the German companies that can present a rating index of 1.
Conventional marking techniques are still used for applications where one text, sequential numbering and short marking times are the requirements. We supply marking systems with tools and fixtures ranging from simple standard models to customized and fully-automated special-purpose machinery. Besides the various marking tools available, we also supply hand stamping tools, stamping machines, stamping units and pneumatic-hydraulic stamping machines. The range of products is rounded off by roll marking machines and our AkkuMarkers.
Organization in manufacturing, assuring the quality, providing evidence for product liability issues, or safeguarding against forgeries – there are many reasons why components have to be marked. The scribing and stylus marking techniques offer benefits like greater flexibility in the marking text, in the height and width of the lettering used, as well as in the marking depth. That only low forces are needed also means that marking both on solid as well as on hollow and sensitive parts is possible. The mechanical tolerance compensation makes marking on round, flat inclined and arched surfaces possible as well. Thanks to the wide diversity in the variants of units for the workshop, mobile systems and built-in units, we are able to solve almost any marking problem assignment.

Compliant with the requirements of the specification EN9132 and the ATA SPEC 2000 Direct Part Marking Guideline, BORRIES supplies marking systems for DataMatrix and plain-text marking in the aerospace industry.

Permanent and material-displacement marking, for example on wheel rims in railway fittings.

Innovative marking systems for particularly demanding production environments, e.g. in steelworks for marking sheet and plate materials, possible at temperatures of 1000 °C and higher.

Marking systems with manual or automated handling (for example VIN numbers, transmission housing covers, nameplates), or other complex components in plain text, or with DataMatrix coding.

Special-purpose marking solutions, e.g. deeper permanent stylus marking developed for use in medical technology to assure the traceability of clinical instruments.
The type-wheel technique is used when the marking shall be varied and this has to be executed quickly. Our patented "Typewriter on metal" stamps to an appreciable depth, and this silently. Possible variants are depression and raised markings. High stamping speeds and this to appreciable depths can be realized here. We supply stamping machines for nameplates in relief lettering as both electric and hydraulic type-wheel stamping devices.

The laser-marking technique is used to meet demands for extremely high marking speeds, high flexibility and with no force whatsoever being transferred into the component. We supply equipment for manual handling, customized units with automatic workpiece feeding and the associated fixtures for integration options.
Traceability of components and products

Because of the legislative requirements on product liability and the quality assurance measures necessary for this, the significance of unambiguous, direct and lasting identification of products and components is increasing all the time. This is now a determining prerequisite for ensuring complete traceability here.

In Special-Purpose Machines, we have a wide spectrum of products to offer. Marking with special characters, 2D codes or VIN numbers, as well as marking complex components, can be realized by a number of different marking techniques. From conventional stamping method and flexible scribing and stylus stamping machines through to customized marking solutions for integration in the manufacturing process.

Designed to meet the particular requirements that have been defined, the BORRIES marking systems can be configured on an individual basis or be fitted with an integrated code-reading system.

BORRIES is at your side throughout the whole process: From accepting your ideas and requirements, throughout the stages of project planning from the design and production, through to handover and with the subsequent service and customer support.