



LASERVORM

Laser Machines • Laser Processing • Wear Protection

UNRIVALLED precision

When machining small and micro parts, the laser achieves optimal quality and high speeds, thus enabling efficient production processes. Whether job order production or laser machine construction, for industries such as precision engineering, apparatus engineering, textile engineering, electronics or medical technology, Laservorm offers customised solutions.



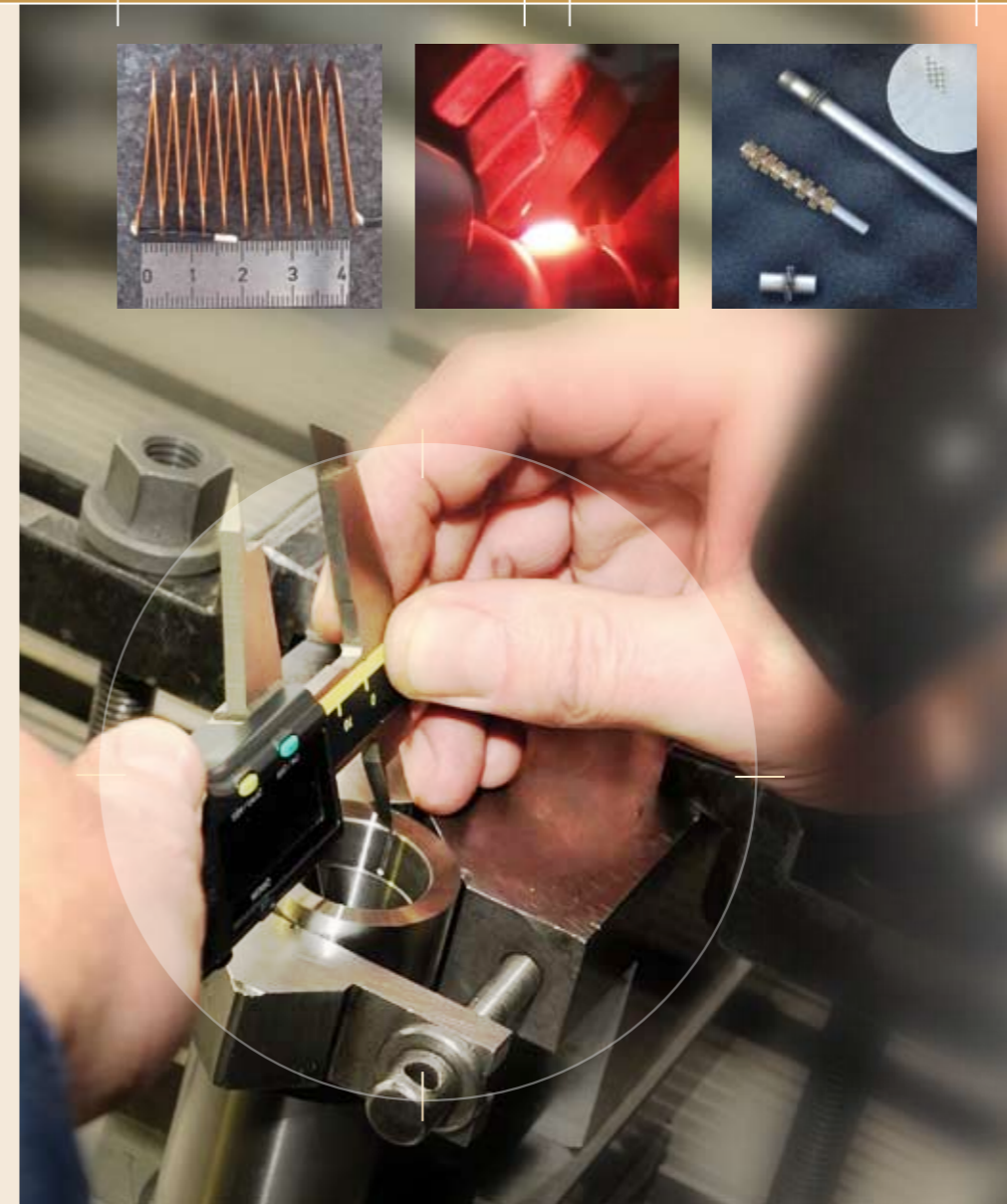
Laser welding from single parts up to mass production as Job Shop



In-process quality assurance



Precision laser cladding on die casting molds



- ## Service+
- Spot welding
 - Partial laser hardening
 - Job Order Production
 - Stripping and perforating
 - leak-proof weldings
 - Machining of non-ferrous alloys
 - Precise and low-distortion machining
 - Machining within the μm area
 - Process control
 - Technology development
 - Special machine solutions

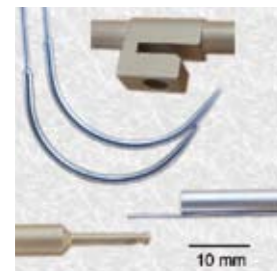


Machine solutions

Laservorm develops universally applicable laser units on your behalf and process-optimised systems for welding, hardening and deposition welding or special machines for the production of high-volume parts. We offer assistance in selecting the technology and advise you on the correct type of laser and equipment. Through the economic life-time of the equipment, we take care of customer service, maintenance or repairs.

Job order production

Laser machining allows a competitive advantage: Laser welding allows components to be made resistant to high pressure and vacuum (helium leak-proof). Using a laser, surfaces are partially – depending on the material – hardened at a depth of more than a millimetre – with very low heat input. Of course, we also conduct sample processing and assist during the introduction of new products.



Precise applications

Take advantage of innovative techniques: With the help of a laser, wafer-thin membranes or foils can be welded on solid components. On pipework with wall thicknesses in the order of some μm , laser welding enables longitudinal seams. The use of laser facilitates the replacement of medically critical materials (e. g. solders), and creates visually appealing welded connections or gas-tight welding on sensors or housing sections.

Comprehensive service

We offer comprehensive measurement, testing and documentation services. We are ISO 9001:2008 certified and operate in line with many additional standards, such as the Pressure Equipment Directive. In addition, we also take care of parts cleaning with ultrasound or fitting and assembly processes.





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We are ISO 9001:2008 certified and use a modern, cross-sector production planning, resource planning and maintenance management system.

Drive

We are located in the Saxon city triangle Chemnitz-Dresden-Leipzig. You can either use the Chemnitz East motorway exit (A4) or that of Leisnig (A14). The nearest airports are Leipzig or Dresden.

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