Your pan-European Service Centre

Welding – Engravings – Laser Texturing – Signs

Graining – Surface Technology – Polishing – Maintenance of Tools
As a family company with more than 50 employees which is committed to pure services, we can only persist successfully by daily offering the finest quality, shortest processing time and innovative solutions to our 1,200 customers throughout Europe.

Therefor we steadily challenge and criticize ourselves, extend us and our production processes and enlarge our services. Thereby we operate interactive with you and reduce your effort to an unavoidable minimum. Simply service-oriented.

Those who will not think revolutionary in renewals, will be prospectively overrun by the coming inertia of its current success.

THINK FORWARD

50 Employees
throughout Europe innovative
4,800 m² production area
For over 35 years, the Reichle GmbH Gravier- und Laserschweizzentrum stands for highest quality and precision, for great service readiness and for the idea, to centralize all services around tools and moulds in one company without being a toolshop; at the same time we never set up a competitive situation to our respective customers.

Put your trust in our great range of services, benefit our emergency and on-site service and make the experience that we do not merely offer you our short-term services on the same day but rather that we live the services.

With us as your partner you are more flexible, faster and more powerful towards your customers and especially than your competitors.

Living services. More than just a supplier.

The one is to make a professionally qualified decision at any time to realize the optimal quality for your requirements within the prescribed time limit. The other can not be worded, you have to experience it.
For over 15 years we offer our customers services as laser, TIG and pulse welding. Thanks to our dissatisfaction we improve ourselves day by day. That’s why we persist today as the biggest and simultaneously leading German location of laser welding.

With more than 20 welding machines we provide large capacity for our customers everyday, willing to offer our comprehensive emergency and waiting-service (even without an advance reservation) and to work locally at your company throughout Europe with our 5 mobile service teams.

See that we are a service provider, we not only have to be one step ahead, but also have to be able to work better, faster and more efficiently. Therefore we use only the most modern welding equipment with 300-500 watt laser power. Both large-scale material applications with minimal structural changes and filigree weld seams with 0.1 mm can be realized.
With us you get everything from classic millings and CNC engravings, innovative and unique laser engravings through to traditional relief engravings and acid films.

With acid films you can bring in your own engravings quickly and economically, especially when the mould is too large for a long transport. We will send you the acid films within 24 hours.

For laser engravings, whether functional inscriptions, three-dimensional material removal or impressive effects (holography, texture, etc.), we rely on 5 modern 3- and 5-axis laser systems.

For CNC engravings and millings we use 4 engraving machines (partly 4-axis) and 1 HSC machining center to manufacture electrodes, embossing plates or stamping, punching, embossing and date stamps. In addition, we mill changes after the welding process as desired and undertake both the hard milling of stamping tools and the data programming in CAD/CAM.

Our origin is dated back 35 years and it is based on the handcraft of engraving, which has enabled us to become the unique partner that we are representing today. Filigree handwork, rational and creative processes and innovative manufacturing processes; these are our roots.
As an integrated supplier, you do not only get the graining done by etching or blasting but also the repair of all damaged areas in the graining. Regardless of whether etched, sandblasted, eroded or lasered - a repair is always possible at short term at our company or locally at our customers in whole Europe.

Here you will get all the necessary services (laser welding, milling, sanding, spotting, polishing, repair of graining, gloss level adjustment, etc.). We also offer you an emergency and waiting service as well as comprehensive advice.

At it, we daily grain and repair up to 15 moulds for injection, foaming, die casting and thermoforming for our customers throughout Europe.

With us as a reliable partner, you are able to minimize your loss of production and the costs involved. We place our services and extensive consultation at your disposal.
Each surface characteristics on plastic, foaming or casting parts requires in each mould its particular surface treatment or preparation. You receive all services related to the surface treatment centrally at our or locally at your company.

- Defined line grinding right up to an absolute, technical high gloss both on filigree geometries and on large moulds.
- Sanding for demoulding optimization.
- Preparation for graining.
- Numerous techniques of sandblasting (e.g. structural, stabilization or demoulding optimization) sand blasting with partly specially developed corundum for individual or standardized reproducible structures.
- Individual adjustment of the gloss level.
- Removing of rusty spots.
- Abrasive blast cleaning and reprocessing of the surface or the graining.
- Insertion of sand blasting or eroded structures similar to VDI or ERO.

Nearly each product, we hold in our hands each day, has a defined surface, people like you and I bothered about for months: sleek or abrasive, shiny or matt, functional or optical, hard or soft – all required services centralized at our company.
Your moulds do not work reliably or show qualitative or constructive defects which disallow an efficient production of high quality products with low rate of defectives?

Then do rely on our holistic range of services concerning all topics as optimization, repair and maintenance of tools and moulds (all sizes and types) as well as complete production processes.

- Realization of complete changes from welding, milling and spotting through to surface finishing as e.g. graining, polish or gloss level
- Sanding for demoulding optimization
- Removal of demoulding scratches
- Reduction of clearance
- Elimination of blank borders by acid graining
- Elimination of grouts
- Repair of damages in polished or grained surfaces
- Contour adapting from major tools through to tools in the micro area (even without CAD data)
- Fitting of inserts, sliders and ejectors
- Optimization of production and processes

MAINTENANCE OF TOOLS
The innovative and economical answer to the question, how plain surfaces can be changed into living and three-dimensional objects. Do also delight people with your products with the help of unique surfaces which convince with their special and surprising optic and haptic!

Compared to the traditional etching and blasting techniques, you profit significantly from high quality and process standardization, vastly shorter process times and 100% reproducibility.

Due to ultramodern 5-axis laser systems (partly with automation) there insist no longer limits in design at it except for the demoulding. Graining with the accuracy of 1 micron can be laserized into your moulds environmentally friendly and without blank borders.

For locations with difficult accessibility or deep ribs the alternative is to laser an electrode (copper or graphite) with the graining.

LASER TEXTURING

Whensoever classical surfaces change into fascinating, three-dimensionally defined, sculptural structures, come to life and evoke a stunning effect on the viewer, the reason is either creative art or simply innovative technology!
In addition to the production of prototypes, small-scale series and exclusive letterings for the vehicle interiors and exteriors, we also draw attention to your tools.

At Reichle, you receive among other things signs for tools and much more of first-class quality with very short delivery times. Here, diverse manufacturing processes (laser or CNC engraving, etching, silk screening, adhesive films, embossing, etc.) are available. Thereby our THERMOPRINT technology represents the most impressive production process: 4-color, thermosetting pressure on metal with extremely resistant surface characteristics (acid, solvent, and weather-resistant).

Tools and moulds are the most complex working funds with high values in today's ultra-modern production. It's your right and your duty to show who is responsible for this high-quality work.
We are different. We are more. We are more than just a service provider.

Have a look at our latest movie „The revolution by Laser Technology“. You can even find it under the category „News“ on www.reichle.de.