



GEFINAL

Blech- und Stahlbau



Excellence in metal forming

TÜV
PROFI
CERT
ZERTIFIKAT-NR. ISO 9001
73 100 3071





Main building



Individual consultations

Who we are

Your system partner

A provider who has satisfied its customers for nearly 100 years is definitely doing something right. We at GEFINAL have stood for reliability, flexibility and a commitment to offering our customers first-class service since 1919. As a medium-sized family owned and operated company, we value long-term relationships with a personal approach. As a result, we are committed to serving our customers as a one-stop system provider offering a broad range of services and products with work materials like steel, stainless steel, titanium, aluminium, copper and bronze.

Our certification in accordance with DIN EN ISO 9001 stands for first-class quality in every field and process. Our approval as a welding specialist in accordance with DIN EN ISO 1090, the continual optimisation of our processes, our large selection of modern machinery and employees with outstanding qualifications (many were trained here at our establishment) further reinforce our high standards. We serve our customers with extensive experience and comprehensive expertise in order to transform challenging tasks into effective solutions.

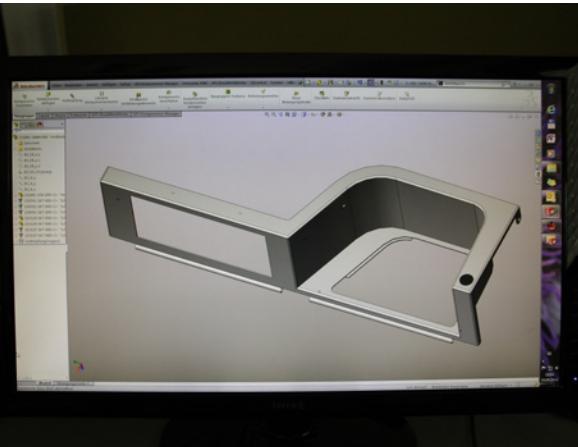
Overview

Core competence

- Construction
- Fully automated punching and laser technology
- Tube laser cutting
- Bending technology
- Welding technology
- Robotic laser welding
- Punching centre with eccentric and hydraulic presses
- Mechanical processing
- Module production
- Assembly
- Surface finishing
- Production of individual parts and mass production
- Logistics



Excellence in metal forming



3-D design using SolidWorks



iDesign Your one-stop expert

Every project begins with the customer's idea, which is subsequently implemented in a product. We get our expertise working for you from the very beginning. As part of a qualified consultation, we assess the feasibility of the project according to your wishes and also identify any potential for optimisation. If specific design drafts are already in place, our design department adopts them and prepares a model for production.

However, such detailed guidelines are not a necessity. For us, sketches, samples or even just the product idea suffice. We know what is feasible and explain suitable approaches to our customers while taking care of all design work if need be. Our extensive experience and competent design team equipped with modern 3-D CAD design software are at your disposal. For us, large and complex components are as little a problem as realising the most minute tolerances. With all orders – from the individual part up to series production – we make every effort to ensure the due quality and cost efficiency.

We always have the right solution so don't hesitate to challenge us!

Even when it comes to large, complicated components, our team strives to develop the perfect solution for you. Just ask us.

Herausforderung Energiemarkt:

Wann ist der beste Zeitpunkt für den Energieeinkauf?

Die Entwicklung zeigt:
Die Preise für Strom und Gas schwanken stärker als viele andere Börsennotierungen. Innerhalb weniger Monate können sich Preisbewegungen von bis zu 60 % ergeben.

Das macht die Wahl des richtigen Einkaufszeitpunktes zu einer echten Herausforderung. EVO AG bietet Ihnen hier mit dem Energiefonds eine intelligente Beschaffungsstrategie.

Die Firma GEFINAL Blech- und Stahlbau GmbH profitiert schon seit Jahren von dieser strukturierten Beschaffung. So ist auch Geschäftsführer Ingo Hildebrandt von dem Energiefonds der EVO AG überzeugt:

„Der Energiefonds bietet uns durch die einzelnen Einkaufszeitpunkte die Möglichkeit, absolut flexibel zu bleiben. Durch die Aufteilung in Tranchen erreichen wir zudem eine breite Risikostreuung. Das Beschaffungskonzept eignet sich meiner Meinung nach für Unternehmen, die keine eigenen Spezialisten haben und auf exzellente Beratung nicht verzichten möchten.“



Ihr Ansprechpartner:

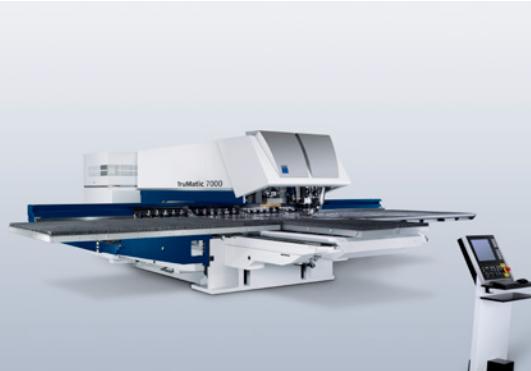
Thomas Krenz
Tel. 069/8060-1867
www.evo-ag.de/business



Flatbed laser machine



Fully-automatic high bay storage facility



Combined punch laser machine

Sheet metal technology Innovative solutions

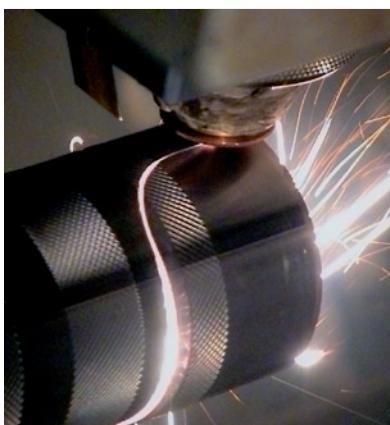
Sheet metals from various work materials are the starting point for countless products. We have a broad selection of modern machinery, which permits comprehensive processing of sheet metal in thicknesses from 0.1 mm to 25 mm. As a system partner, we are capable of realising complex sheet metal fabrications under one roof. Our sophisticated production management provides fast, precise order processing as well as short, punctual delivery times. With all tasks, we are also happy to serve our customers by taking different approaches to finding innovative solutions.

Overview of products and services; sheet metal technology:

- Laser cutting for sheet metal lengths of up to 4 m
- Laser punching/nibbling up to 4 m in length
- Tube laser cutting of metal sheets up to 6 m in length
- Cutting
- Straightening
- Deburring

Capable of processing the following material thicknesses:

- Steel 0.1–25 mm
- Stainless steel 0.1–25 mm
- Aluminium 0.5–15 mm
- Titanium 0.5–6 mm
- Copper 0.5–8 mm
- Bronze 0.5–8 mm



Excellence in metal forming



Press brake



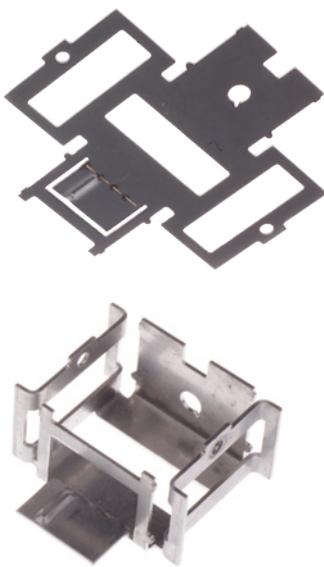
Precision edging profile

Forming technology Three-dimensional precision

Anything that is cut to size can also be reformed: We use our forming technology to transport flat sheet metal workpieces into three-dimensional objects. Or, to rephrase our slogan: „We offer ingenious forming for your sheet metal“. Our modern press brakes and 3-point bending machines offer us a large variety of shapes.

Available forming technology:

- Press brakes of up to 225 t,
Working width max. 4,300 mm
- Presses
- Reforming
- Rounding
- Rolling



Energie effizient im eigenen Betrieb einsetzen

Steigende Energiekosten stellen Unternehmen vor große finanzielle Herausforderungen. Dabei gibt es zahlreiche Möglichkeiten, den Verbrauch zu reduzieren und Energie effizienter zu nutzen. Oft genug bleiben diese Einsparpotenziale unbeachtet. „Vor allem mittelständische Betriebe und ganz besonders das produzierende Gewerbe scheuen oftmals die notwendigen Investitionen, obwohl sie sich bereits nach kurzer Zeit lohnen“, sagt Thorsten Rau, der Vertriebsmanager für Energieeffizienz.

Rau weiß, wo von er spricht. Für mehr als acht Unternehmen hat die EVO AG im vergangenen Jahr maßgeschneiderte Energieeffizienz-Dienstleistungen entwickelt. Zum Beispiel für die Dreher Firmengruppe aus Bensheim. „Dort haben wir eine systematische Bestandsaufnahme aller Energieverbräuche vorgenommen“, berichtet Rau. Das mache die Verbräuche transparent und lasse die anfallenden Energiekosten den jeweiligen Verbrauchern direkt zuordnen. Auf der Grundlage dieser Ergebnisse hat die EVO AG anschließend gemeinsam mit den technisch verantwortlichen Personen der Dreher Firmengruppe wirtschaftlich rentable Lösungen erstellt, wie künftig Energie effizienter und damit auch sparsamer eingesetzt werden kann. Für die Dreher Firmengruppe ist dabei herausgekommen, dass sie über ein Einsparpotenzial von mehr als 300.000 Kilowattstunden Strom im Jahr verfügt.

Die EVO AG nimmt die Energieeffizienz-Analyse nach den Anforderungen der DIN EN 16247-1 vor und erfüllt somit die Bedingungen der 2013 in Kraft getretenen Spitzenausgleich-Effizienzsystemverordnung (SpaEfV). Dadurch sind Testierungen durch eine akkreditierte Stelle wie den TÜV Hessen möglich geworden. „Mit diesem Testat lässt sich dann auch eine Stromsteuerrückerrstattung beantragen“, sagt Rau.



Ihr Ansprechpartner:

Thorsten Rau
Tel. 069/8060-1876
www.evo-ag.de/business



WIG welding



MAG welding



Stud welding

Welding technology Outstanding expertise for exceptional results

Welding is a key technology when it comes to metal-working, which is why we also offer a broad range of services in this area. Our experienced employees have completed various welding qualification tests. They weld metal parts of all types including (stainless) steel, aluminium, titanium or copper in high precision.

As a welding specialist in accordance with DIN EN ISO 1090, we are also authorised to weld steel and stainless steel load-bearing structures. Compliance with our high qual-

ity standards is visually inspected in accordance with VT 1 + 2 as well as using the dye penetrant method and pressure test. Depending on the task at hand, various welding methods are available:

- WIG welding
- MAG/MIG welding
- Pressure resistance welding
(Spot welding)
- Stud welding
- Electrode welding
- Laser welding

 **STEUERKANZLEI
HAHN & MARKERT**
Steuerberater
Diplom - Betriebswirte

Dr.-Hermann-Neubauer-Ring 36 · 63500 Seligenstadt
Tel.: (06182) 95978-0 · Fax: (06182) 95978-33
info@hahn-markert.de · www.hahn-markert.de

**UNSERE
PARTNERSCHAFT
- IHR VORTEIL**

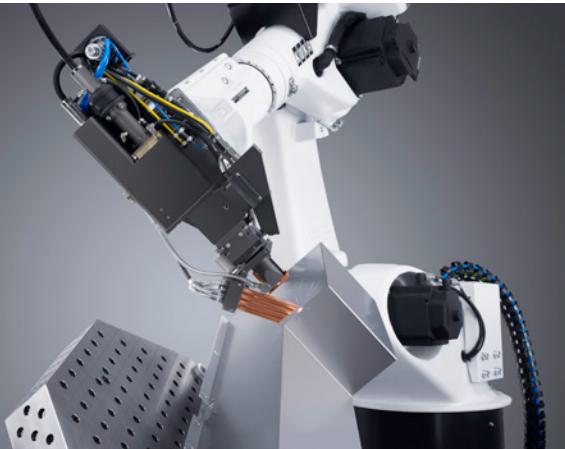
**S T E F A N
WEITZ**
ELEKTROMEISTER

- Vertragshändler für Miele, Bosch und Jura
- Elektroinstallationen aller Art
- Reparaturservice
- Alarmanlagen
- Sprech- und Videoanlagen
- elektr. Fußbodenheizung
- EIB-Bussysteme
- elekt. Nachspeicherheizung
- E-Check
- Sat-Anlagen
- EDV-Netzwerke

ELEKTKAUF
Meister Service
www.elektro-weitz.de



Stefan Weitz
Frankfurter Str. 55 63500 Seligenstadt
Telefax 0 61 82 / 2 11 10
0 61 82 / 2 81 49



Robotic laser welding



Detailed view of a laser welded seam

■ Robotic laser welding Highly reproducible neat welds

Compared to classic methods, laser welding offers decisive advantages. Due to the low heat input, work pieces can be fused with minimal warpage and virtually no need for reworking. An optional wirefeeder means we are capable of bridging gap widths, but also producing structurally relevant weld thicknesses. Of course, individual clamping fixtures are manufactured at our establishment. This guarantees optimal cost efficiency and delivery times.

- Generally high seam quality
- Keyhole welding for maximum tensile strengths
- Heat conduction welding for visually perfect seams
- Low warpage
- High welding speed
- Structural freedom: welding thick pieces to thin ones
- Reduced material requirement
- Welding for all seam geometries
- Welding of concealed T-joint
- Welding of a wide range of material types (e. g. Al/Cu)
- Suitable for both individual parts and series

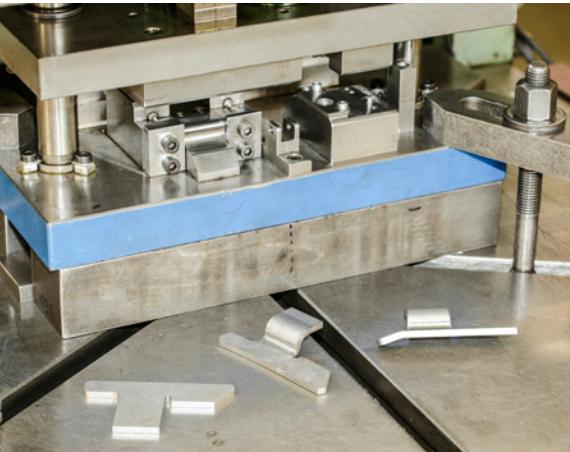
■ Machining Ready to handle any challenge

Our machining methods ensure that we are capable of handling any challenge – thanks to our competent team of employees and our machinery, we do so while meeting the highest standards. Our machining methods include milling, drilling and surface grinding. Special clamping fixtures even make it possible to mill complicated components in one work step.

Machining methods:

- Milling
- Drilling
- Surface grinding
- Turning





Eccentric press with progressive die



Series product

Punching centre Sensible and cost-efficient

We are capable of processing anything that can be punched - not just metal, but also rubber, plastics and other work materials with thicknesses of 0.10 mm and above. We use eccentric and hydraulic presses in the process, which permit highly cost-efficient production, especially for large batch sizes. The progressive dies permit the greatest possible cost efficiency. The seamless integration of subsequent work like bending, riveting or tailoring is also a firm part of the punching services we offer.

Our punching service:

- Perforated sheet processing ■ Crimp processing
- Stamping ■ Thread cutting
- Louvre processing ■ Rivet processing
- Processing with special tools

Individual and series production Comprehensive controls

Customers in search of a reliable partner for individual and series production of their product need look no further. As soon as an approved prototype is in place, the production of larger quantities can begin. As with all products, we also take a comprehensive approach to all processing steps up to and including prompt, on-time shipping. Long-standing experience, competent employees, efficient technologies and our own vehicle fleet, but also close cooperation with shipping companies ensure this.

Metallverarbeitung **Ziegler**

Email:mv-ziegler@email.de
Tel. :06021/97379

Ihr kompetenter Partner für:

- ✓ Vakuumbauteile
- ✓ Einzelteil- und Serienfertigung
- ✓ Edelstahlbearbeitung



Excellence in metal forming



Assembly



Stainless steel component, etched identification

Assembly **A complete solution -** **„just in time“**

From small components up to a complex switch cabinet, from individual parts up to series production - our assembly department is ready to handle small and large tasks alike in accordance with the customer's wishes. Customers don't have to do a thing: We obtain all the required components and quickly assemble them into the complete components. This complete solution offers clear benefits: no need for storage at the customer's location, fast, cost-efficient implementation under one roof with consistently high quality standards.



Surface machining **For the perfect finish**

In many cases, work piece surfaces must undergo machining. This includes e. g. protection against external influences, optimisation of material properties, rust removal, refinement, decorating and identification marks. We take care of blasting work such as rough blasting, sand blasting, glass bead blasting, shot peening or blast cleaning. We arrange further surface finishing with reputable partners from our industry. We perform the following surface finishing tasks:

- Blasting work
- Powder coating in all RAL colour tones
- Industrial coating in all RAL colour tones
- CDP coating
- Electro-polishing
- Burnishing
- Anodizing
- Etching
- Laser lettering
- Screen printing
- Galvanic surfaces
- Pickling
- Hot-dip galvanising
- Glass bead blasting
- Slide grinding
- Engraving



Loading of our own fleet



Packaging for safe and secure transport

Logistics Individual and efficient

Consulting, planning, design, production/assembly, surface machining – only one thing is missing when it comes to offering the full range of services from one source: guaranteed product availability for the customer. As a competent system partner, we of course offer that as well. Our sophisticated logistics guarantees efficient picking of the finished parts and on-time shipment. We use our own fleet for transport, but also foster a close, proven cooperation with select shipping companies. Our central location in Germany is also instrumental in the process. With respect to the type and nature of delivery, we are happy to accommodate individual customer wishes and integrate our service in their process structures. For example, you can choose from the following logistics variations:

- Delivery of picked goods
- Just-in-time delivery
- Just-in-sequence delivery
- Integration of delivery in kanban production process controls
- Packaging of goods in returnable/reusable packaging
- Product packaging in wooden crates (e. g. for transport overseas)



Isolier & Klebetechnik

Ernst-Roth-Str. 34

67259 Beindersheim

Tel.: 01 70 1742558 Fax: 06233-70736

E-Mail: isolier-klebetechnik.bomsdorf@t-online.de



J.S. Jahn vorm. Schoenhals GmbH & Co. KG

Zentrale: Heinrich-Krumm-Straße 14
63073 Offenbach/M.-Bieber/Waldhof
Tel. +49 (0)69 98 94 47 0
Fax +49 (0)69 89 99 90 95

Filiale: Stützeläckerweg 14
60489 Frankfurt/Rödelheim
Tel. +49 (0)69 73 50 03
Fax +49 (0)69 73 92 29 00

willkommen@jahn-schoenhals.de · www.jahn-schoenhals.de



BEST GRUPPE

Starker Partner für Unternehmer und ihre Unternehmen
Kompetenzpartner | Impulsegeber | Mehrwertgestalter

BEST Assekuranzmakler GmbH
Ernst-Gnöß-Straße 24 | 40219 Düsseldorf
Fon: +49 (0)211 33 999-0 | Fax: +49 (0)211 33 999-399
info@bestgruppe.de | www.bestgruppe.de

MAYSER®**Wir sichern automatische Prozesse**

Mayer Sicherheitssysteme bieten optimale Absicherung von Gefahrenbereichen an Maschinen, Robotern und Anlagen.

Fordern Sie unseren Produktprospekt an.

info.ulm@mayer.de • www.mayer-sicherheitstechnik.de

Kann nicht jeder:

**Professional Class –
Volkswagen für Selbstständige.**

* Und für die, die es werden wollen.



Weitere Informationen erhalten Sie bei uns oder unter www.volkswagen.de/selbststaendige.

Kraftstoffverbrauch des Golf in
1/100 km: kombiniert 5,2–3,8,
CO₂-Emissionen in g/km: kombi-
niert 122–99.



Das Auto.

Autohaus Brass Vertriebs GmbH & Co. KG

Paul-Ehrlich-Str. 9, 63128 Dietzenbach
Tel. 06074 / 801-0, info.dietzenbach@brass-gruppe.de
www.brass.gruppe.de/vw



Ihr Partner für Pulverbeschichtungen

Unser Leistungsspektrum umfasst:

- Kürzeste Lieferzeiten: 3 - 4 Werkstage.
- Alle RAL-Farben lieferbar in glatt, glänzend bis matt
- Grobe Strukturen in allen RAL-Farben
- NCS -, Pantone Farben, sowie Pulverlacke nach Mustervorlage in 14 Tagen lieferbar
- Eigene Fahrzeuge zur Abholung und Lieferung
- Entlackungen, Sandstrahlarbeiten durch unsere Partnerunternehmen
- Optimale Beratung vor der Beschichtung
- Top Qualität





Part measurement with the FARO arm



Edged from one piece



Rapid prototyping with an electronic measurement report

Quality assurance A systematic approach for first class results

With us, excellence in quality is a matter of course. From project planning and prefabrication up to and including the inspection of outgoing goods, our continual quality controls ensure this. In the process, a quality assurance system certified in accordance with DIN EN ISO 9001 guarantees seamless monitoring and compliance with our standards as well as the transparency of all processes. The result is the best possible quality and efficiency with a minimal risk of error. That's why all customers who value accuracy and quality can count on uncompromising compliance with their expectations.

Every customer is assigned a project manager as their fixed contact for the entire order fulfilment process. Our PPS system (production – planning – management) guarantees a high level of planning reliability: All process-relevant information can be retrieved at any time. Modern, precision measuring equipment is available for quickly and precisely inspecting the components along multiple axis for compliance with the desired parameters. We are also able to provide you with initial sample inspection reports, final written test reports as well as works certification for the materials used. We take a systematic approach to guarantee the very best results.

Try us and experience the difference.

GEFINAL
Blech- und Stahlbau GmbH

Industriestraße 14
63533 Mainhausen

Tel.: 06182.89592-0
Fax: 06182.89592-55
info@gefinal.de
www.gefinal.de

