

SKILLS AND EXPERTISE in sheet metal and wire
from Project Management through to Customer Service



WHO we are ...

At Kögel, we are totally involved in the design, project management and manufacture of complete assemblies using wire and sheet metal. We have a total of around 100 employees operating from a 10,000m² facility. For **more than 60 years** now our specialists have been developing innovative and technically sophisticated solutions that offer real added value. Our extensive know-how and experience stretching back six decades enable us to meet individual requirements in a wide range of industrial sectors. At the same time, **precision, efficiency and cost effectiveness** remain our watchwords in our day to day operations.



Success is a matter of having the right mix – highly experienced colleagues who have been with us for many years, seasoned with new ideas from the younger generation to develop innovative products and markets. These are the keys to the company's success, wholly reflected in the Group Chief Executive's philosophy that only constant change, allied with creative thinking, can take the company forward.

... and WHAT makes us different.



Technical Know-how

As specialists in the innovative metal processing sector, we are in a position to offer you skilled support, from the planning stage right through to the realisation of your project in volume production. In order to achieve this, we apply a successful strategy which involves the combination of new ideas and a core of experienced employees who are today already developing and implementing solutions for customers from a very wide range of industrial sectors throughout Europe.

High Product Quality

One building block crucial to our success is disciplined and consistent quality management. In every department within our company we therefore attach particular value to compliance with standards based on DIN ISO 9001. This comprises the entire production process, from the delivery of the semi-finished products to us to the delivery of the finished product to you. This means you can be sure that you always get only the best quality from us. Every time.

Skills and Competence

What started in 1948 with the production of potato baskets in wire by skilled craftsmen and which can still be seen, for example, in our innovative medical technology products, continues to constitute our strength. Our forward-looking approach to handling metal as a material and a grasp of the developments and needs of the market. These skills also lie at the heart of our overall range of services, starting with development consultancy and production and culminating in customer service. The aim of everything we do is to develop solutions that fit your needs perfectly.

Flexibility

We are able not only to efficiently implement individual projects but also to offer standard solutions in large volumes. Our entire organisation and production is geared to the maximum possible flexibility. Our constant challenge is to deliver optimum quality despite tight deadlines and strong downward pressures on price.



We do **SHEET METAL** and **WIRE**,

There are numerous suppliers on the market who have specialised either in the sphere of sheet metal machining or in the wire processing sector. In the course of our company's long history, we have succeeded in forging a solid reputation, predominantly through the intelligent combination of materials as well as the corresponding technologies. This combination permits a range of solutions that would otherwise not be possible – and not simply in relation to medical technology and industrial component cleaning.

and the intelligent combination of both.



Complete Solutions from a Single Source

In addition to the multiplicity of benefits that result from combining wire and sheet metal, there is a further argument in support of our approach. Your solution comes to you complete from a single source, thus saving you time-intensive coordination processes that various suppliers bring with them. In addition, we would also be delighted to have the opportunity of taking the weight off your shoulders by undertaking associated services such as, for instance, assembly and/or packing jobs.



Advantages all down the line

The intelligent combination of sheet metal and wire frequently creates major advantages, both from a functional and a technical angle. Optimum cleaning and drying capability, low shielding effect e.g. for the foodstuffs or medical sector, as well as maximum possible accuracy are only a few of the positive aspects here.



See for yourself

Our engineers and technicians have at their disposal many years of experience in the development and planning of sheet metal / wire applications. Why not taking advantage of this know-how and team up with us to develop a product that is entirely personal to you. This is the way team solutions evolve, solutions that you may well still not have thought of, even today – just have a word with us and see for yourself.



HIGH TECH SHEET Metal Processing ...

The demands made by our customers as regards modern sheet metal products are constantly increasing. This is why, in addition to our tried and tested production devices, we have invested in a new, fully integrated and highly flexible bending and forming centre. This enables us to manufacture parts that require precision bending efficiently and to an infinitely reproducible extent, even for small batches. This combination of individual customer solutions and standardised volume production items is the factor that makes us stand out from the crowd.

We are able to place at your disposal all the services and technologies that are necessary for modern sheet metal products. We develop solutions in accordance with your specifications or undertake planning and production assignments based on your designs or CAD data. In addition, in instances where the job involves identifying just the right format for presenting your ideas, we also work with experienced industrial designers if required.

In so doing we make use of an optimum coordination, reliable production process featuring the most modern installations and technologies.



... opening up completely new vistas.

Efficient and complete machining of simple as well as complex bent components

Our new bending process sequence is made up of a combination of swivel bending and die bending technologies. A further highlight of our latest production system is the camera assisted video monitoring system with real time control and adjustment of the bending cycle which enables us to manufacture at a consistent level of quality from the single piece right through to volume production.

This new technology also makes it possible for us to achieve highly complex bending contours so that we can even use parts without any need for time-consuming welding.



Our Range of Services

We offer our customers the entire process chain from a single source – this is what 'made by Kögel' means in terms of service.

Advice >



Highly skilled and experienced specialists

Development >



3D CAD system hand in hand with state of the art industrial design

Lasering >



Cut and Weld 3D laser centre

Punching >



Punching centre

Bending >

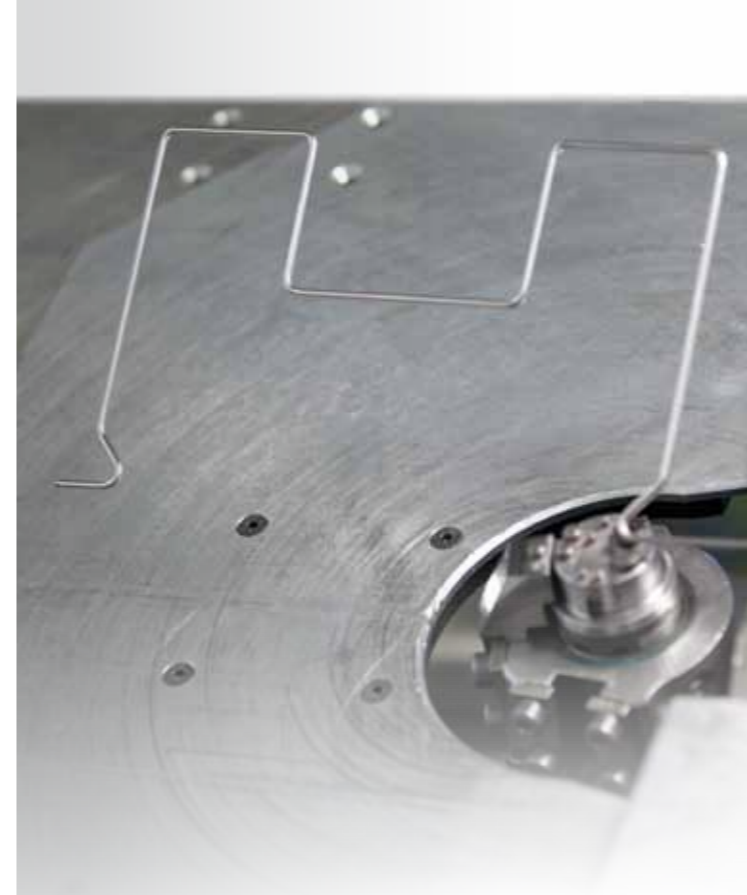


Bending centre in combination with high precision 3-point bending presses

When it comes to **WIRE** ...

... we are always the right partner.

Our wire products are used in a very wide diversity of sectors and areas of application. At the same time we are fully flexible and ready to adapt ourselves expertly to your requirements whether it concerns measurements as well as material and surface machining. We create wire mesh in a range of mesh widths and handle wires of up to 10 mm diameter in steel and special steel. Whatever your needs, we are always able to cater for your own specific individual requirements at any time.



Quality = know-how plus cutting-edge production methods

Our quality doesn't appear as if by magic. With experience stretching back over more than 60 years, we know what the development, planning and production of components made from wire is all about. We only use high quality materials and, depending on the field of application, our products are available in steel or special steel and feature different protective surface finishes, e.g. they may be electrolytically polished, zinc-plate chromated or chrome-plated, coated with Halar®, Teflon® or PA12. With our own tool-making plus jig and fixture manufacturing facility, we can handle almost any enquiry, from a single part up to large-scale production, quickly and reliably. Our modern fleet of machines also permits the 2- as well as 3-dimensional moulding of wire.

Welding >



Welding and welding assembly systems

Connections >



Connections and final assembly systems

Coating >



Processes and systems for surface refining

Assembly >



Reliable mounting of sub-assemblies

Finishing a. Packaging > Logistics >



Numerous possibilities for finishing and packaging components



Just-in-time goods marshalling and delivery

Service >



Comprehensive, no-nonsense after sales service

The **SECTORS** may vary ...



Healthcare

Our medical logistics solutions are used in supply and disposal applications in all specialist areas of medicine. We manufacture systems for the reprocessing, transportation and storage of medical instruments as well as the matching accessories. Our core products are fabricated without exception from high quality special steel, electrolytically polished and comply with the stringent standards pertaining to medical products.

Kögel is the proud recipient of the "German Association for the Supply of Sterile Goods" (DGSV) award for innovation.



Industrial Component Cleaning / In-house Goods Logistics

Wire baskets and workpiece holders from Kögel have been used very successfully and reliably for decades in a wide range of industrial cleaning installations. A complete modular system has been designed consisting of combinable wash baskets in various mesh widths and sizes, thus creating a solution together with a broad range of accessories to cater for any requirement.

We shall also be pleased to develop customer-specific solutions from the idea right through to volume production in collaboration with yourselves.



Electrotechnology

Our product range offers a secure accommodation system for high quality components coupled with reduced expenditure on planning and assembly. Our experts will be happy to develop housings designed specially to your requirements. In addition, a range of labelling and coating processes together with a very wide range of surface formats offer you highly flexible potential in relation to design.

We also offer you reliable full or partial assembly of your terminal device.

... but **OUR SKILLS** never do.

Building Technology

We supply high quality door and window frames in steel, special steel or aluminium for a very wide diversity of applications. Thanks to our extensive range of profile shapes in standard and special dimensions we are able to cater for highly individualised requirements.

You can also opt to have our solutions supplied pre-assembled with different fittings e.g. electric door openers, locking systems, lock plates and sealing systems. In addition all products are also despatched powder-coated in the full range of RAL colours.



Precision Engineering

Laboratories and industrial concerns are equipped with instruments for measuring and manipulating items or data that function with ever-increasing precision. The fact that these sometimes micro-mechanical components are of small dimensions and the high demands placed on them in terms of accuracy mean that our solutions for transportation, storage and cleaning need to take into account highly specific requirements.

In addition to the metal containers, we also offer highly individual design carrier solutions made from a very wide diversity of materials and suitable for every kind of product.



Why not contact us now?

The sectors briefly described above are intended solely to give you an impression of the particular areas in which we already operate successfully. However, we are keen to find a market for our skills in other fields of application too. Just get in touch with us if you would be interested in finding out more about the kinds of ideas we have, aimed at adopting intelligent solutions in sheet metal and wire to make processes more efficient, faster or simpler in your sector too.

Tel. +49 7045 982-0 · info@mk-koegel.de

We have the right solution for your **SECTOR** too!



Kögel GmbH

Hagenfeldstrasse 4 · D-75038 Oberderdingen

Tel. +49 7045 982-0 · Fax +49 7045 982-22

www.mk-koegel.de · info@mk-koegel.de