



Werthenbach

Systems supplier for technical products
for industry and maintenance





The Werthenbach Company

Werthenbach is a leading system supplier in technical retail in Germany.

As a technical retailer, Carl Werthenbach Konstruktionsteile GmbH & Co. KG is the link between manufacturers and the processing industry.

With over 17 product areas, from drive technology to centralised lubrication technology, the company offers the spare parts market and maintenance technicians in production and mechanical engineering a comprehensive repertoire of technical products for their applications.

Carl Werthenbach Konstruktionsteile GmbH & Co. KG is more than just a retail company.

We are a system supplier who works as a retailer, manufacturer and service provider on the market.

Thanks to the customised processing of technical products and precise services, coupled with excellent technical advice, more than 15,000 satisfied Werthenbach customers receive 'everything from a single source'. Comprehensive e-business solutions supplement the wide range of services in the digital ordering process.

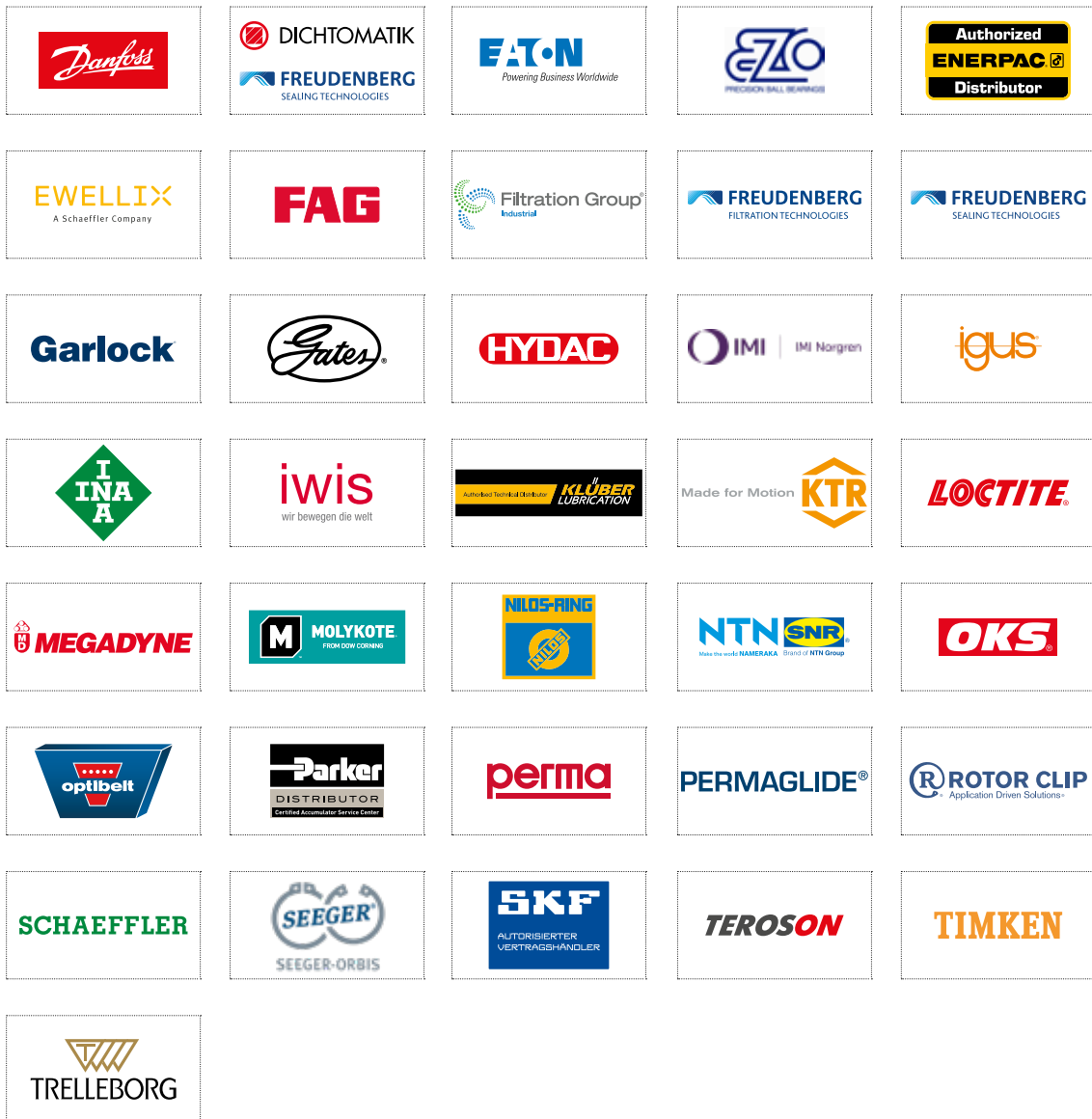


Facts & figures

1932	Family owned company
260	Employees and trainees
6	Locations, Head Office Bielefeld
15.000	Customers
450.000	Articles in the delivery assortment
35	Premium Partner
Certified	<ul style="list-style-type: none">• AEO-C• Quality management system DIN EN ISO 9001• Energy audit DIN EN 16247-1

Premium partner

We can often look back on decades of intensive cooperation with many of our Premium Partners, which means stable availability of goods and diverse technical solutions for our customers.



List of contents

02 The Werthenbach company

Commercial products

- 06 Chemical-technical products
- 07 Filtration technology
- 08 Hydraulic components
- 10 Linear motion technology
- 11 Locking technology
- 12 Lubrication technology
- 14 Pneumatics
- 16 Power transmission technology
- 18 Rolling/Plain bearing technology
- 20 Sealing technology
- 21 Standard parts

Plus services

- 22 Machining center
for technical products

26 **Export services**

30 **E-Business**

Gender clause

For reasons of better readability, the generic masculine form is used in this document.
Female and other gender identities are expressly included insofar as this is necessary for the statement.

Chemical-technical products



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		Additional brands:			
		3M	Epple	Mobil	Technomelt
		Araldite	Fuchs	Otto-Chemie	Tesa
		Ballistol	Hylomar	Petro Canada	Total
		Caramba	Interflon	Shell	Wacker
		Delo	Lubocon	Sicomet	
		Dow Corning	Mato	Sorb	



Adhesives

- Acrylates
- Adhesive tapes
- Casting resins
- Contact adhesives
- Dosing technology
- Hot-melt adhesives
- Instant adhesives
- Joining adhesives

- Liquid metals
- Polyurethanes
- Protective coatings
- Silicones
- Spray adhesives
- Surface treatment
- Threadlockers
- UV adhesives

Lubricants and cleaners

- Cleaners
- Corrosion protection
- Cooling lubricants
- Dosing technology/ devices
- Dry lubricants
- Greases
- Hydraulic and gear oils
- Maintenance products
- Oils
- Pastes

Filtration technology



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**ARGO
HYTOS**
A Voith Company

rexroth
A Bosch Company

EATON
Powering Business Worldwide

Filtration Group
Filtering The World

FREUDENBERG
FILTRATION TECHNOLOGIES

**MANN+
HUMMEL**

HYDAC

MPFILTRI

Parker

STAUFF

VOLZ

Air filters

- Accessories (frame)
- Cassette filters
- HEPA and ULPA filters
- Filter cartridges
- Filter cells
- Filter mats
- Filtering hoses
- Gas phase filters
- Half filter
- High-temperature filters
- Paint mist separator (Edrizzi System)
- Pocket filters
- Roll filters

Hydraulic filtration technology

- Automatic filters
- Cartridge filter elements
- Cartridge filter housing
- Dehumidifier
- Double switching filters
- Dust filters
- Filling and ventilation filters
- Filter Bags
- Filter elements
- Inline filters
- Maintenance/contamination indicator
- OffLine Filter
- Pressure filters
- Return Filters
- Spin-on filters
- Suction filters, strainers

Liquid filters

- Filtering hoses
- Nonwovens for liquid filtration

Hydraulic components



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Compact aggregates

- Compact units
- Motor pump hybrid systems
- Servo pump units



Hydraulic accumulators

- Accumulator accessories
- Accumulator safety blocks
- Accumulator stations
- Bladder accumulators
- Diaphragm accumulators
- Piston accumulators
- Special accumulators



Hydraulic cylinders

- Clamping cylinders
- Cylinder accessories
- Cylinder spare parts
- Round cylinders
- Servo-cylinder
- Tie rod cylinders



Hydraulic motors

- Axial piston motors
- External gear motors
- Internal gear drive units
- Internal gear flow dividers
- Internal gear motors
- Orbital motors
- Radial piston motors
- Torq motors



Hydraulic valves

- Directional seat valves
- Flow control valves
- Pressure valves
- Proportional valves
- Safety valves
- Screw-in valves
- Sequence valves
- Stop valves



Pump technology

- Axial piston pumps
- External gear pumps
- Hand pumps
- Internal gear pumps
- Motor pump units
- Multiple flow pumps
- Pump supports
- Radial piston pumps
- Screw pumps
- Vane pumps

Linear motion technology



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Additional brands:

Dr. Tretter
HIWIN
IKO

Mahr
Misumi
NB

NSK
Samick
Schneeberger

Sferax
Steinel
Thomson-Neff



Linear technology

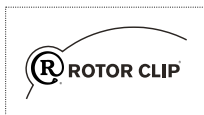
- Axes
- Ball casters
- Ball profile rail guides
- Ball, roller and trapezoidal screw drives
- Ball transfer units
- Carriages and tables
- Flat cages
- Flat rail guides
- Lifting and adjustment systems
- Miniature linear guideways
- Modules
- Positioning systems
- Precision rail guides
- Roller profile rail guides
- Roller recirculating shoes
- Shaft guides
- Telescopic rails

Locking technology



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Locking technology

- Assortments
- Assembly tools
- Circlips
- Lock washers
- Shim washers
- Snap rings
- Support discs

Lubrication technology



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FAG

GROENEVELD-BEKA
LUBRICATION SYSTEMS BY TIMKEN

mato

perma

SCHAEFFLER

SKF

UMETA

Single and multipoint lubrication systems

- Electrochemical single-point lubrication systems
- Electromechanical single-point lubrication systems
- Electromechanical multi-point lubrication systems





Central lubrication technology

- Accessories
- Dual-line centralised lubrication systems
- Grease lubrication pumps
- Grease nipples
- Oil lubrication pumps
- Progressive centralised lubrication systems
- Recirculating lubrication systems
- Single-line centralised lubrication systems
- Special lubrication systems



Lubrication technology

- Accessories for grease guns (hoses, mouthpieces etc.)
- Filling devices
- Grease guns
- Grease nipples
- Mobile lubrication technology



Accessories for lubrication systems

- Applicators
- Grease and oil pumps
- Grease nipples
- Lubricant dispenser
- Piping systems
- Pressure sensors, control units, special valves, manometers

Pneumatics



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Compressed air preparation

- Filter regulatorss
- Filters
- Pressure regulators
- Pressure relief valves
- Oilers
- Pressure gauge
- Shut-off valves
- Start-up valves



Fittings

- Compression fittings
- Function fittings
- Push-in fittings
- Push-on fittings
- Quick-release couplings
- Standard fittings
- Silencers



Hoses

- Industrial hoses
- PA hoses
- PE hoses
- PU hoses
- PVC hoses
- Spiral hoses

Pneumatic cylinders

- Bellows cylinder
- Compact cylinders
- Impact cylinders
- Linear cylinders
- Rotary cylinders
- Standard cylinders



Pressure switch

- Electromechanical pressure switches
- Electronic pressure switches

Pneumatic valves

- Directional valves
- Logic valves
- Proportional valves
- Shut-off/ flow valves
- Solenoid valves
- Standard valves
- Valve terminals

Valves/ball valves

- Butterfly valves
- Electric actuators
- Ball valves
- NAMUR control valves
- Pneumatic part-turn actuators
- Position monitoring boxes

Vacuum technology

- Ejectors
- Suction cups/suction pads
- Vacuum switches

Power transmission technology



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Belts

- Belt guides
- Belt tensioning rollers/pulleys
- Conveyor belts
- Flat belts
- Folder-gluer belts
- Machine belts
- Module belts
- Power bands
- Pulleys
- Round belts
- Segmented V-belts
- Spindle belts
- Timing belts
- Tools
- V-belts
- V-ribbed belts



Brakes

- Accessories for disc brakes
- Complete hydraulic brake units
- Directly operated brake calipers
- Spring-operated brake calipers

Chains

- Agricultural machine chains
- Chain guides
- Chain tensioners
- Chain tensioning sprockets
- Conveyor chains
- Flyer chains
- Plate chain
- Roller chains
- Slatband chains
- Sprockets
- Tools

Couplings

- Curved tooth couplings
- Friction couplings
- Rigid couplings
- Torsionally flexible couplings



Module gearing

- Bevel gears
- Spline shafts and splined hubs
- Spur wheels
- Toothed racks
- Worm gears/worm shafts

Shaft-hub connections

- Clamping sets
- Sliding hubs
- Taper lock bushes

Technical plastics

- Drawing parts
- Semi-finished products

Rolling/Plain bearing technology



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Additional brands:

Askubal	DV-B	Filz	Nachi	NWG	Rothe Erde
CGB	Fluro	Jtekt	NBI	RHP	TIS
CHIAVETTE	Franke	McGill	NKE	SWC	Winkel
Cooper	Gustav Neumann	Movet	NSK	ThyssenKrupp	



Needle roller bearings

- Backup rollers cam roller
- Drawing bearings
- Drawn Cup Needle Roller Bearings
- Solid needle roller bearings
- Needle cages
- Roller Clutches
- Slewing rings



Housings and accessories

- Balls
- Clamping sleeves
- ConCentra units
- Cylindrical rollers
- Heating units
- Hydraulic tools
- Locking plates for clamping sleeves
- Mechanical tools
- Needles
- Nuts for clamping sleeves
- Radial insert ball bearing units
- Plummer block and flange bearing housing
- Sealing discs
- Seals for roller bearing housings
- Tools for the fitting and maintenance of roller bearings

Plain bearing technology

- Bronze plain bearings
- Dry plain bearings (metal-polymer composite plain bearings)
- Fibre composite plain bearings
- Plastic sliding bearings
- Sintered plain bearings
- Turned solid plain bearings

Roller bearings

- Angular joints
- Angular contact ball bearings
- Ball bearings
- Barrel bearings
- Bearings for specific industrial sectors (e.g. paper machines, woodworking machines, wind energy, etc.)
- Cardan joints
- Cardan shafts
- Combined bearings
- Cylindrical roller bearings
- Drawing bearings
- Freewheels
- Four-point bearings
- High and low temperature bearings
- High precision bearings
- INA belt tensioning pulleys
- INA chain tensioning wheels
- Miniature bearings
- Radial bearings
- Self-aligning ball bearings
- Special tapered roller bearings units
- Special bearings
- Spherical roller bearings
- Spindle bearings
- Split cylindrical roller bearings
- Split spherical roller bearings
- Tapered roller bearings
- Textile machine bearings
- Thin section bearings
- Track rollers

Spherical plain bearing

- Axial spherical plain bearings
- INA sealing rings
- Radial spherical plain bearings
- Rod ends
- Special spherical plain bearings



Sealing technology



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Additional brands: Eagleburgmann

Customised production of seals with original Freudenberg materials.



Assembly equipment and accessories

- Tools, measuring devices

Nilos rings

- LSTO, LST-L rings
- Nilos rings
- Nilos spacer rings

Hydraulics

- Guides
- Piston and Rod seals
- Seals for rotating and swivelling movements
- V-type collar packing sets



O-rings and static seals

- Clamp seals
- Cover seals
- Fibre, copper, aluminium, stainless steel rings
- Flat and punched gaskets (according to drawing)
- Milk Coupling Seals
- O-rings
- Rectangular rings
- Round cord/FEP
- Sealing caps
- Support rings
- Usit rings (screw seal)
- X-rings

Pneumatics

- Damping seals
- Guides
- Piston, rod seals
- Seals for rotary and swivelling movements
- Wipers

Rotary seals

- Cassette seals
- Combined seals
- Face seals
- Labyrinth seals
- Mechanical seals
- Modular rotary shaft seals
- PS-SEAL
- Shaft Repair Sleeves
- Simmerring®, shaft seals
- V-ring water deflectors

Special seals and moulded parts

- Bellows
- Grippers and suction cupss
- Plug and seal connectors
- Profiles, cords and hoses
- Sheets, sheeting
- Stuffing Box Packings
- Roll-up membranes, membrane

Standard parts

Standard parts

- Adjusting rings DIN 705/DIN 703
- Ball bearing shims
- Clamping rings
- Disc springs DIN 2093
- Drill bushes DIN 172/DIN 179
- Feather keys DIN 6885
- Hose clamps
- Steel shims
- Wave springs
- Wedge steel DIN 6880



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PLUS **Services**
everything from a single source



Werthenbach offers high availability of goods, quick delivery service and, in addition to product processing in our machining center, technical advice and services.

Werthenbach also has qualified specialists.



Processing-technical products

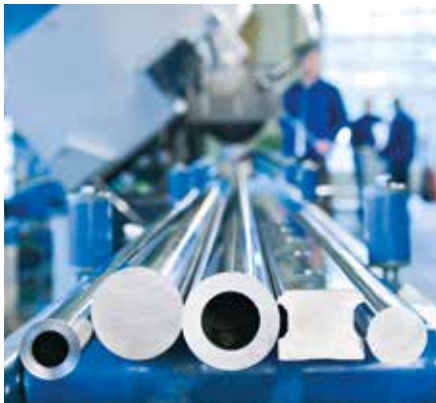
Processing service

Werthenbach is the technical wholesaler at your side, who offers additional processing of the products you source. At our machines, we drill, turn, cut, split, grease or process the products according to your requirements for drive technology, linear guiding and rolling bearings for made-to-measure use in your operating line.

Our expert department provides advice on your needs and processing requirements. Then the products you have selected are processed in the respective machining centers.

Filtration technology

- Production of pre-cut blanks for air filtration



Linear motion technology

The Werthenbach machining center offers not only the skilled workers but also the appropriate machining centers for cutting, turning and drilling linear technology products.

- Assembly of modular systems for linear guide units
- Cutting of flat cages Assembly and delivery of bellows for linear guides
- Cutting shafts, rail guides and shaft supports to individual lengths

- Delivery of fully assembled shafts with shaft supports
- Equipping slides with special seals
- Insertion of special mounting holes in linear slides
- Insertion of threaded holes, machining of guide shaft ends
- Joint machining of multi-part rails and shafts
- Supplementing the basic lubrication of linear slides



Plain bearing technology

- Machining of Permaglide® dry sliding bearings, sintered bronze bushings and other sliding bearings

Power transmission technology

You are on the safe side with problem-free production operation. We provide the right solutions to counter failure of the manufacturing line or a problem caused by machine failure. You receive support at short notice from the employees in our machining center who can offer tailored immediate help thanks to individually adjusted drive technology products.



- Cutting timing belts, V-ribbed belts and woven flat belts to specified widths
- Drilling and grooving of couplings (Rotex, Bowex)
- Pre-assembly of roller bearings in drive pulleys
- Welding of polyurethane timing belts and polyurethane, V- and round belts
- Individual machining of chain sprockets, V-belt and timing belt pulleys
- Shortening roller chains
- Mounting of angle and carrier flaps on roller chains



Rolling bearing technology

The rolling bearing is one of the most important components in a machine. Werthenbach prepares rolling bearings according to your wishes. Whether you need special greasing according to your manufacturing conditions or a paired tapered roller bearing, we can help you with customization related to rolling bearing products.

- Machining of rolling bearings, machining hardened material is a special feature
- Cutting grooves in bearing external rings in accordance with DIN or customer drawings
- Production of tapered roller bearings in pairs in X, O and tandem arrangement with individualised bearing clearance
- Special lubrication of roller bearings
- Machining of INA-ELGES rod ends
- Equipping of casing units with special bearings
- Shortening and machining of inner rings



Sealing technology

The selection of the right seal and suitable material can have a major influence on the durability of your machine and the machine parts installed in it. Our processing service offers you safety and expert processing.

- X-PRESS = Production of sealing elements within 24 hours. Wide selection of profile sections, materials and dimensions
- Retreatment of O-rings (e.g. assembly greasing, removal of substances that interfere with the paint coat)
- Preparation of axial face seals
- Providing seals with special springs
- Fabrication of individual sealing sets according to customer specifications
- Cutting to size of guide elements
- Production of stamped parts according to customer specifications within 24 hours
- Production of metal support rings as per customer's technical drawing

Vibration technology

- Shortening threads of circular mounts



Export services at Werthenbach



Experts for our export services

Werthenbach Export Services play a key role in the expansion of our international trade relations. We serve our customers in 54 countries, including 24 EU countries and 30 non-EU countries, via our increasingly cross-linked global network. Our export employees advise customers around the globe. They have an excellent understanding of technical products and their application requirements in industry and maintenance. We will also advise you on international trade requirements and ensure efficient, cost-effective orders with subsequent delivery in your recipient country. Every customer at Werthenbach has a personal liaison who will provide you with all-round advice and assistance for your requirements and requests.



Allow us - we'll pack it for you! ... and all papers are included

The goods you buy from us will also arrive at your specified destination country. Well packaged and with the appropriate identification and papers for customs and the corresponding export accompanying documents, we will send your goods to you.

Give us a single call or send us an e-mail, we have compiled all the important information for you here to make things even lighter for you and your purchases and shipments with us and by us.

Choose your individual shipping option

We don't mind what shipping option works best for you - just let us know, and we'll advise you and handle the rest. Whether you need international or national shipping, same-day (by courier service) or next-day, express shipping, or forwarding by taxi, we have all the partners we need to deliver the goods to the address of your choice. And if your shipment turns out to be a little bigger, that's no problem either - we work with many different carriers.



DHL, TNT, NSE (overnight shipping) direct delivery, collection by the customer - choose what works for you.



Werthenbach is AEO certified

This makes things much easier for you when purchasing from us: Our AEO status certifies that we, Carl Werthenbach Konstruktionsteile GmbH & Co KG, have reliable and safe business processes in global trade. With an AEO certificate, we benefit from quicker customs procedures for both imports and exports.

We worked hard to obtain our AEO status, undergoing evaluations of aspects such as financial solvency, compliance efforts, accurate accounting, and compliance with customs regulations. Carl Werthenbach Konstruktionsteile is recognised by the main customs office in Bielefeld as a "known consignor" and has met high standards in customs procedures for many years. The AEO status is recognized internationally by member states of the European Union, Switzerland, the USA, Norway, Japan, Andorra and China. The certificate includes customs simplifications of the AEO and represents the highest level of certification available in terms of customs.



Origin of goods and tariff preferences

We also have special employees responsible for customs who can handle all these details for you. These staff know our suppliers well, and know when to obtain which certificate of origin from whom and what purpose it serves. This is based on the preferential or free trade agreements between the EU and many non-EU countries. Many of these free trade agreements aim to provide customs benefits or even exemption from customs duties.

Movement certificate A.TR. for Turkey

The commercial movement of goods (non-agricultural and ECSC goods) into and out of Turkey is permitted by the A.TR. movement certificate.

The A.TR. may only be used if the goods in question are in free circulation in the EU or Turkey, and are transported directly from a member state to Turkey or vice-versa.



Responsibility for exports - your safety is our concern

As a trading company, we take responsibility for checking all exports for potential dual-use character (Regulation (EU) 2021/821). This means that we ensure that no goods fall into the wrong hands or can be misused for military purposes. We take this obligation extremely seriously and pursue every check with the utmost care in order to fulfil legal requirements and maintain global security. You can rely on our expertise and responsible procedure.

**Certificate of origin for goods for the receiving country**

If you need a certificate of origin for your purchased goods for your import regulations, we will take care of this for you. With the certificate of origin, which can only be obtained by applying to the Chamber of Commerce, the origin of your goods is certified. For you as a buyer, this certificate is also especially important if you want to sell the goods on. This is because it is always important to document the precise origin and quantities of the goods so that you are on the safe side and know for yourself that you are receiving original products.



E-Business

Order from Werthenbach – easily and digitally



Would you like to order and purchase digitally in future?

We can help you with optimum digital support for your order process – saving you time and money!

- Order online in the WIBS
- Connection of your system to our merchandise management



EDI / OCI - Electronic data interchange

Automatic work is standard in digital order processes.

We have the suitable solutions for your access to our ERP order system and that of our suppliers.

Your system is connected to our online shop using an OCI interface. This allows you to order directly without double booking in several systems.

The additional EDI connection ensures that your order is transmitted directly to our system and no unnecessary effort is required.

Sensibly digitized processes will leave you more time for other tasks in future.

Your advantages through “EDI/OCI” at a glance:

- No double order recording
- More resources for your tasks
- Reliable data and processes
- Skilled personal consultation and support until the EDI connection goes live

Werthenbach online shop WIBS

Our WIBS is the digital sales channel through which you can order quickly and easily and can keep an eye on your complete purchasing process at all times.

What can you expect from our WIBS?

- More than 270,000 items available online
- Search functions and filter options are constantly being extended and improved
- Comprehensive technical information and data sheets
- Customer-specific prices
- Responsive design for use on mobile end devices

Scan the QR code or enter the URL in your browser:

<https://wibs.werthenbach.de/en/home>



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