

VOGEL

HYDRAULIK · PNEUMATIK

Parker

SKF

FESTO

FLUID TECHNOLOGY & SERVICE



HYDRAULICS



PNEUMATICS



LUBRICATION



PIPE SYSTEMS



CYLINDERS



ENGINEERING

HYDRAULICS



HOSES & CONNECTIONS

- Standard & special hoses
- High temperature hoses
- Straight/angle/T-cross
- 37° | EO | EO-2 | EO-3



SPECIAL UNITS

- Construction
- Dimensioning
- Assembly & manufacturing
- Conversion & adaptation
- Installation & commissioning



PUMPS & MOTORS

- Radial pistons
- Axial pistons
- Vane cells
- Gear | Torq



ACCUMULATORS

- Bladder accumulators
- Piston accumulators
- Diaphragm accumulators



FILTER TECHNOLOGY

- Low pressure
- Medium pressure
- High pressure
- Mobile systems
- Accessories



VALVES

- Directional valves
- Pressure valves
- Solenoid valves
- Throttle valves
- Flow control valves





MEASURING & TESTING

Our experienced service technicians and hydraulic engineers check your systems for possible faults and test systems before they fail. In accordance with the requirements of the DGUV and the Industrial Safety Ordinance, you will receive suggestions for remedying defects

MAINTENANCE & REPAIR

Any problems identified are resolved immediately or together with you during planned downtimes. Proactive maintenance through regular maintenance cycles is the basis of our work.

OPTIMIZATION

Environmental protection, oil disposal, hazardous waste disposal, energy efficiency: We provide advice on preparing for certification or cost reduction and, if requested, carry these out afterwards.

COMPRESSED AIR & PNEUMATICS



COMPRESSORS

- Piston compressors
- Screw compressors
- Oil-free compressors
- Brand-independent



DRYERS

- High pressure dryer
- Refrigeration dryer
- Adsorption dryer
- Oil vapor absorber



VALVES

- Directional valves
- Shut-off valves
- Solenoid valves
- Mechanical | Manual
- Control | Switch



FILTER UNITS

- Filter elements
- Regulators
- Fog lubricators
- Ball valves
- Accessories & spare parts



HOSES & ACCESSORIES

- Push-in hose
- Accessories
- Push-Lok
- Connectors
- PTFE | PA | PE | PU | PVC



CYLINDERS

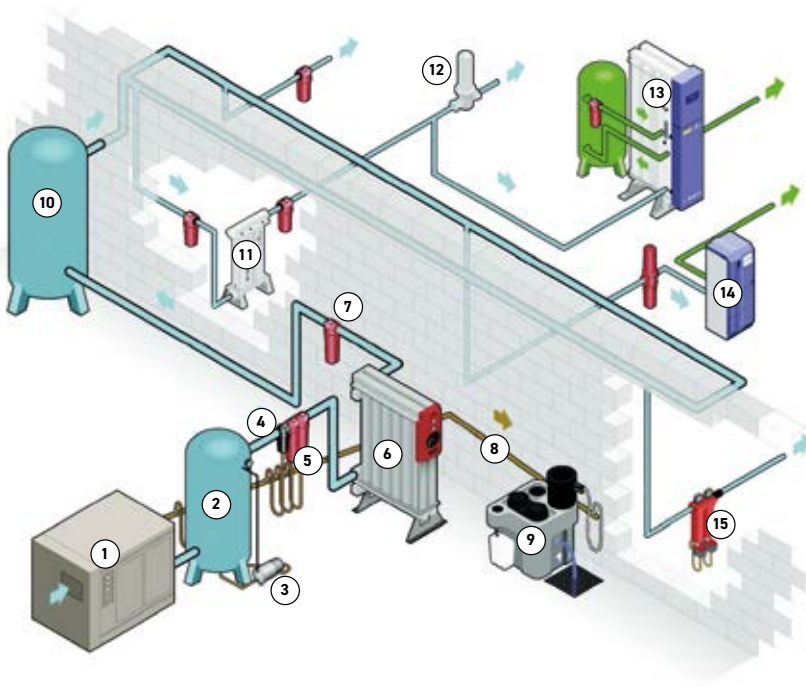
- ISO cylinders
- Aluminium/stainless steel
- Linear drives
- Rotary drives
- Rodless cylinders





COMPRESSED AIR AUDIT REPORTS

To test and evaluate the energy efficiency of your entire compressed air system, we support you with our measuring techniques, such as leak detection and on-site energy consumption measurements.



1. Compressed air generator
2. Air tank (wet side)
3. Condensate drain
4. Water separator
5. Coalescence filter

6. Adsorption dryer
7. Dust filter
8. Condensate drain
9. Oil/water separator
10. Air tank (dry side)

11. Activated carbon absorber
12. Sterile air filter
13. Nitrogen generation
14. Laboratory gas generator
15. Process air filter unit

LUBRICATION



CENTRAL LUBRICATION

- Single-line systems
- Progressive systems
- Multi-line systems
- Dual-line systems



IMMERSION PUMPS

- Cooling lubricant pumps
- Centrifugal pumps
- Screw spindle pumps
- Slurry pumps



MINIMUM QUANTITY LUBRICATION

- Low maintenance
- Environmentally friendly
- Lubricant reduction



SPECIAL SOLUTIONS

- Chain lubrication
- Wire rope lubrication
- Wheel flange lubrication
- Rail conditioning



METERING DEVICES

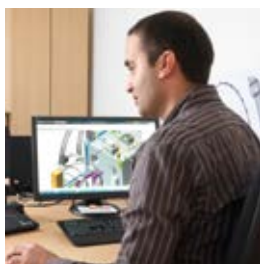
- Single-line distributors
- Progressive distributors
- Flow limiters
- Dual-line distributors



FITTINGS & SPARE PARTS

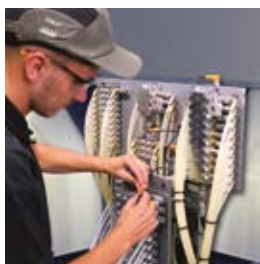
- Engines
- Fittings
- Hoses and pipes





PROJECT ENGINEERING

We support you from the very beginning in the design of central lubrication systems, regardless of whether they have a few or many lubrication points. Use our knowledge to reliably lubricate bearings and minimize failures.



NEW SET-UP & CONVERSION

Whether original equipment or subsequent installation: We help you with every lubrication-related question and cover all common lubrication solutions and individual and industry solutions for lubrication-sensitive systems in industry.



MAINTENANCE, SERVICE & REPAIR

We advise on maintenance regulations, recommend inspection routines and troubleshoot your systems. To ensure fault-free lubrication, our colleagues carry out regular inspections and relubrication in consultation with you.

PIPE SYSTEMS

MATERIALS

- Stainless steel
- Steel
- Aluminium
- Copper



SAMPLE PIPING

- Prototypes
- Development projects
- Construction plans



SINGLE/SERIES PRODUCTION

- 6 - 220 mm \varnothing based on measurements, drawing or sample



MOUNTING KITS

- Compilation
- Pipe kits
- Original equipment
- Production delivery



FLANGES

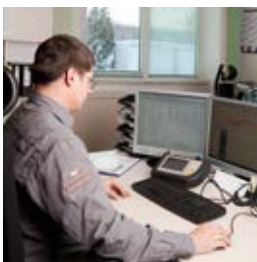
- HPF (25 - 88 mm)
- F37 (25 - 273 mm)
- SAE/Square up to 420 bar



END MACHINING

- Disconnecting
- Flanging
- Beading
- Fittings





PROJECT PLANNING & PROCUREMENT

From the recording of the pipe geometries on site or on the basis of your data, piping systems for oil, air or grease are projected according to your wishes and based on our experience. Depending on the requirements of the application, we recommend suitable materials and procure them from certified manufacturers.



MANUFACTURING & DELIVERY OF READY-TO-ASSEMBLE KITS

With mobile tube bending machines we manufacture piping for prototypes or special cases at your site or bend small to medium-sized series on our fully automatic CNC machines according to file templates. On request, we pack the kits with additional components into boxes ready for assembly.



DISASSEMBLY & ASSEMBLY OF PIPING SYSTEMS

Our team of experienced service technicians dismantles old systems at your premises, installs new pipelines and commissions them together with you.

CYLINDERS

ENGINEERING

- Design
- Calculation
- Consulting
- CAD construction



PRODUCTION

- Special attachments
- Cylinder replicas
- Individual pieces
- Small series



PROCUREMENT

- Certified manufacturers
- Testing
- Documentation
- Worldwide delivery



REPAIR SERVICE

- Assembly/disassembly
- Collection/delivery
- 24-hour service after prior agreement



SERVICE

- Collection
- (Dis)assembly
- All specifications
- Turning/welding shop



QUALITY

- Test processes
- Documentation
- Warranty
- Colour schemes





DISASSEMBLY & ASSEMBLY

After an on-site assessment, our hydraulic technicians will support you in dismantling defective cylinders and help you to reinstall functional cylinders and their final commissioning.



REPAIR & OVERHAUL

You can order the repair of cylinders via our pick-up service. In emergencies, we can also electroplate piston rods directly on site to reduce downtimes of your machines to the minimum.



PRODUCTION & DELIVERY OF SPECIAL MODELS

For special applications or cylinders that are no longer available or repairable, our hydraulic designers support the development of new models that are completely manufactured in-house.

ENGINEERING



SPECIAL UNITS

- ATEX 2014/34/EU
- Rinsing units
- Customer specification
- Varnishes



MODIFICATIONS

- Problem analysis
- Constructions
- Alterations
- Enhancements



UNIT CONSTRUCTION

- Hydraulic units
- Filling units
- Pressure gauge units
- Clamping units



COMMISSIONING

- On site
- In process
- Audit logging
- Regular maintenance



RETROFITS

- Standard components
- Special components
- System replacement including electrics



DEVELOPMENT

- CAD construction
- Schematic creation
- Documentation according to the Machinery Directive





ORDINANCE ON INDUSTRIAL SAFETY & DGV TESTS

We support you in checking the conformity of your plants, machines and systems with the relevant laws, standards and regulations and, in the event of deviations, provide information on how to remedy them.



HOSE MANAGEMENT

In addition to hose changes, also on site for planned and unplanned cases, we offer you complete hose assemblies for hydraulic and pneumatic systems as well as direct delivery to production processes of clearly coded hoses from our company for special applications.



CUSTOM MODELS

On request, our department for fluidic engineering (FTA) will be happy to manufacture aggregates, systems and other devices according to your individual specifications. Customer-specific paint finishes and further adjustments for all custom-made products are also possible.

SERVICE

MOBILE SERVICE

- Emergency service vehicle
- Hydraulic hoses
- Maintenance and repair
- 365 days a year



EMERGENCY REPAIR

- Troubleshooting
- Flow measurement
- Pressure measurement
- Maintenance planning



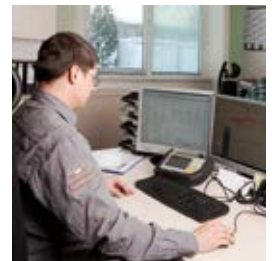
SYSTEM SOLUTIONS

- Ready-to-install modules
- On-site commissioning
- Custom-made products
- Worldwide delivery



PROCESSING

- Free pick-up service
- Disassembly/assembly
- 48-hour service
- Cylinders/pumps/valves



OIL ANALYSIS SERVICE

- Oil extraction
- Oil analysis
- Documentation
- Filter service



OIL FILTER SERVICE

- Oil-free guarantee
- Particle counting
- Documentation
- Aggregate maintenance





WWW.VOGEL-ZENTRALSCHMIERUNG.DE/EN



Over 80,000 lubrication technology items from the manufacturers SKF, Lincoln and Spandau Pumpen. From central lubrication systems, pumps, fittings, spare parts and components to special solutions, we offer you a solution for all applications including free consulting.

SHOP.VOGEL-HYDRAULIK.DE



The extensive range of energy-efficient hydraulic components from Parker and Lukas Industrial includes axial piston pumps, hydraulic cylinders and suitable accessories. This reliably covers all common individual and sector-specific solutions in industry.

FESTO.VOGEL-PNEUMATIK.DE



As an official partner of Festo, we offer you the entire Festo product portfolio of over 27,000 compressed air and pneumatic components in our online shop with good availability, fast delivery and attractive prices.



WE HAVE BEEN SUPPORTING OUR CUSTOMERS



AUTOMOTIVE INDUSTRY



CONSTRUCTION SITES



CHEMICAL INDUSTRY



WIRE AND CABLE



PRODUCTION



TIMBER INDUSTRY



POWER PLANTS



AGRICULTURE



FOOD AND BEVERAGES



AVIATION



MARINE



MOBILE APPLICATIONS



WASTE RECYCLING



PAPER INDUSTRY



RAIL VEHICLES



SPECIAL VEHICLES



STEELWORKS



MINING



PACKAGING

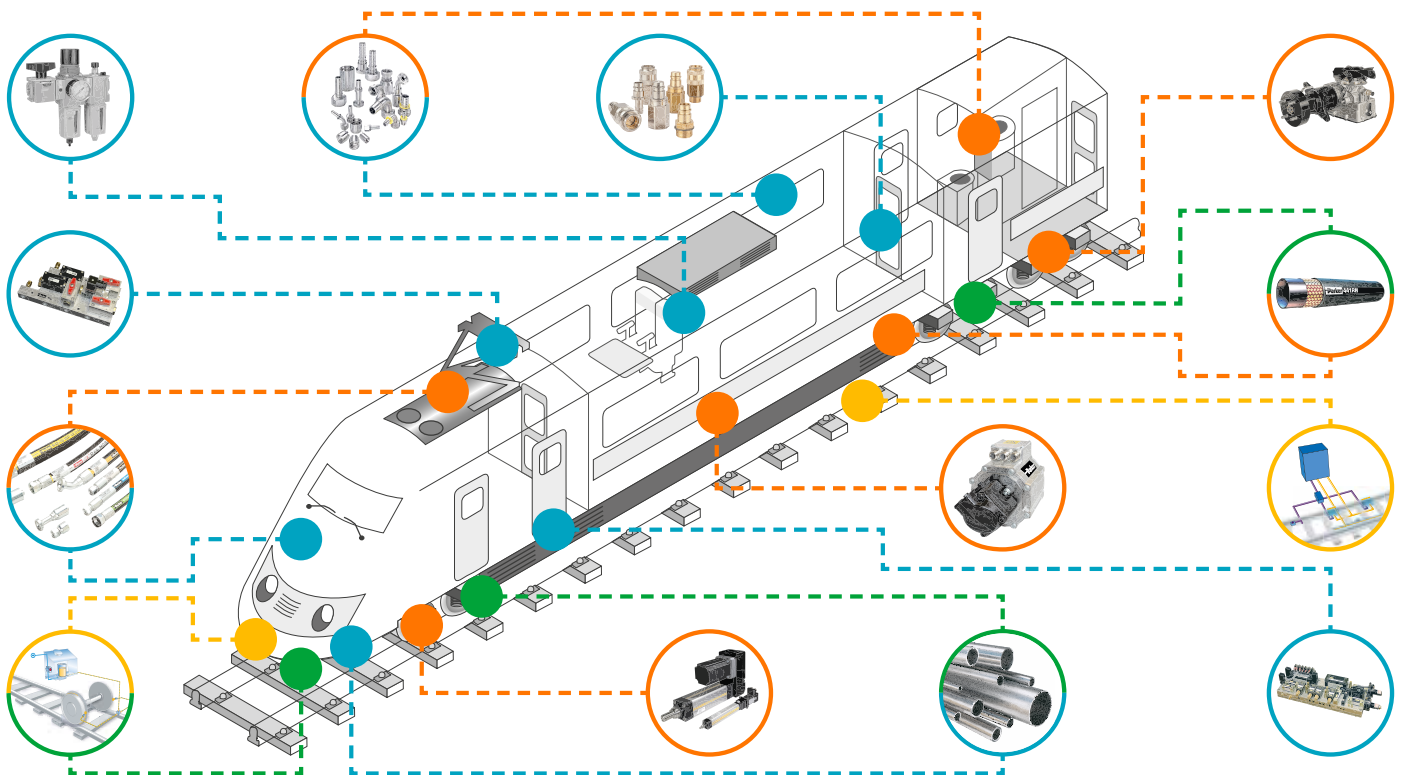


MACHINE TOOLS

RS IN NUMEROUS INDUSTRIES FOR 30 YEARS

A network of 11 branches, consisting of a comprehensive range of high-quality products, our technical know-how and

our comprehensive industry knowledge guarantee that you can continue to rely on a powerful partner tomorrow.



Examples of possible applications of our products in rail transport.

Since the problems of fluid technology cannot always be covered with standard components, we also offer products from

other manufacturers, thus enabling you to receive optimal advice and customer-specific solutions for all industry applications.

OUR PARTNERS



Since 1990 we have been a certified contractual partner of Parker Hannifin GmbH with access to all products, especially in the areas of air and gas treatment, hydraulics, pneumatics, connection technology and filtration with special contracts for storage and compressed air.



We have been an authorized dealer and system partner of SKF Lubrication Systems Germany since 2014. At all 11 locations we have access to the entire portfolio of SKF, Lincoln and Spandau Pumpen, including repair service.



Since 2021 we are a contractual partner of Festo GmbH with access to all electrical and pneumatic automation technology products for mechanical and plant engineering with intensive advice and fast, reliable service.



WE OFFER OUR SERVICES REGARDLESS OF BRAND

CERTIFICATES



QUALITY MANAGEMENT

We have been ISO 9001:2015 certified since the company was founded.



ENVIRONMENTAL MANAGEMENT

We are a specialist company according to § 19 of the Water Resources Act.



BG SAFE WITH SYSTEM

The professional association certifies that we provide occupational safety at the highest level.



SUSTAINABILITY

The EcoVadis platform confirms our efforts with a sustainability badge.



CONEXIO

We are approved as a supplier and service provider for the energy generating industry.



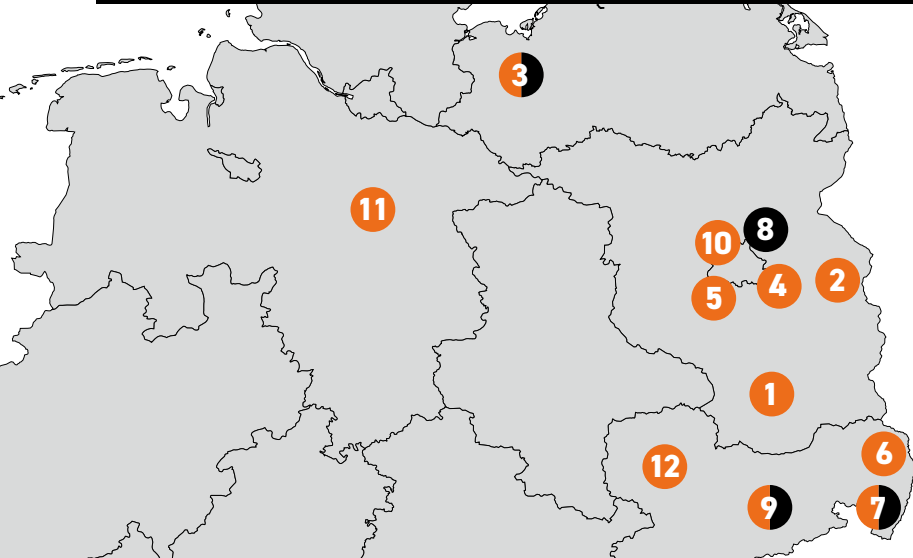
DIN EN 45545

We supply ISO-45545-2 certified products for the rail vehicle industry.



CONTACT

Please note that our employees only speak German. Feel free to send us your request via email.



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OUR TEAM



Industrie-Hydraulik Vogel & Partner GmbH was founded in 1990. From 11 locations, more than 110 employees support regional and national companies in answering questions relating to hydraulics,

compressed air technology, pneumatics, lubrication technology, engineering and pipe systems, thus ensuring that their plants run safely and trouble-free.



WE'LL TAKE CARE!



We see ourselves as a partner at the side of our customers, whom we help to carry out their task smoothly and without errors 365 days a year.



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