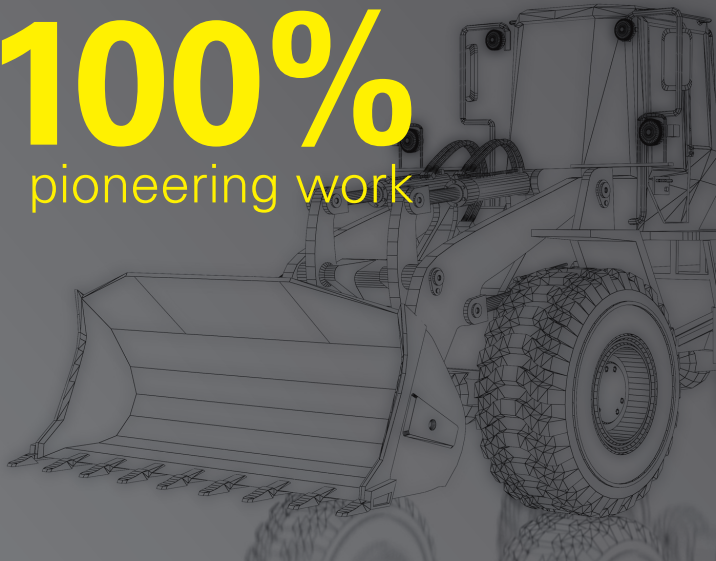


Media carrying systems

**for construction and agricultural
machinery**

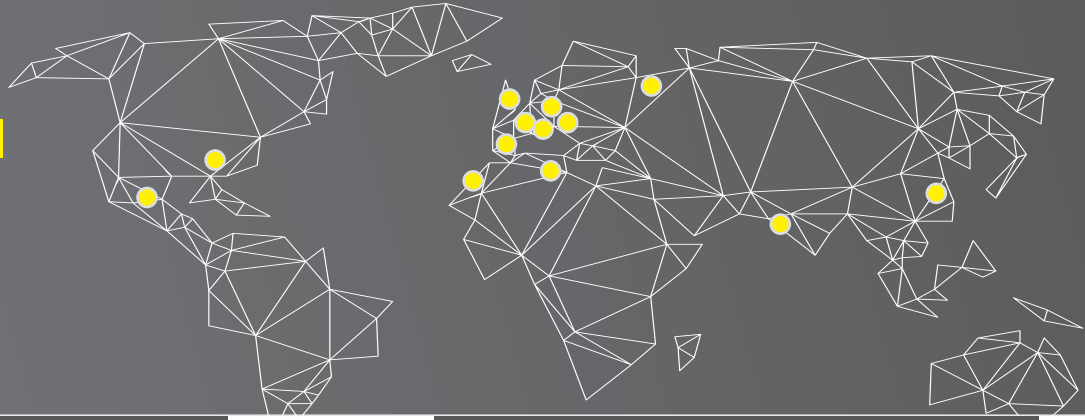
100%
pioneering work



Last modified: April 2014

DRAINAGE SYSTEMS
ELECTRICAL SYSTEMS
BUILDING TECHNOLOGY
INDUSTRIAL PRODUCTS

it's great to be special



FRÄNKISCHE INDUSTRIAL PIPES

FRÄNKISCHE INDUSTRIAL PIPES is a development partner for OEMs and Tier 1 suppliers. With more than 280.000 sqm of production space for corrugated tubes worldwide and a development team of over 100 employees, we deliver solutions that are ready for series production to our customers.

As **100% reliability** is our top priority, independent testing institutes/laboratories test our products. And since we know that development cycles become shorter and shorter, **permanent accessibility** and **individually coordinated concepts** are basic requirements for us. Due to this reason we meet your requirements as an **international partner** with production

facilities in Germany, Switzerland, the Czech Republic, Tunisia, Morocco, China, the USA and Mexico.

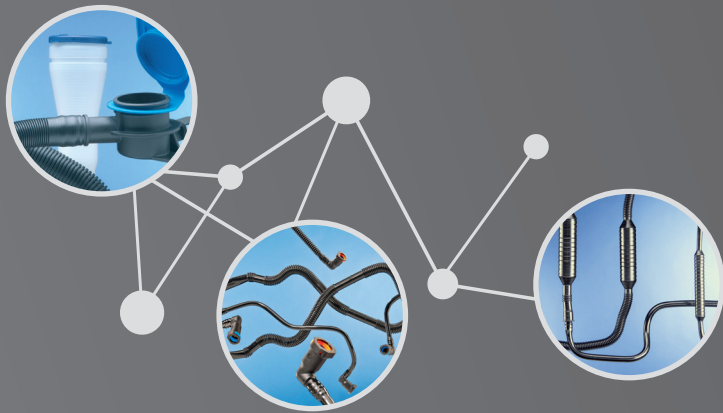
True to our motto „**it's great to be special**“, we were among the first to develop and deliver tube systems made of plastic ready for series production for the use in construction and agricultural machines. Why? Because they are lighter and much more flexible than metal tubes. Our plastic systems guarantee a **space-optimized installation**, can be repeatedly assembled and disassembled, **can be secured to a wide variety of components due to our wide range of connectors** and are **cost-effective**.

Standard or custom-tailored developments

FRÄNKISCHE INDUSTRIAL PIPES is a specialist for:

- Corrugated and smooth tubes (mono and multilayer)
- Braided and knitted hoses
- Corrugated tubes with integrated containers
- Injection parts
- Blow molded parts

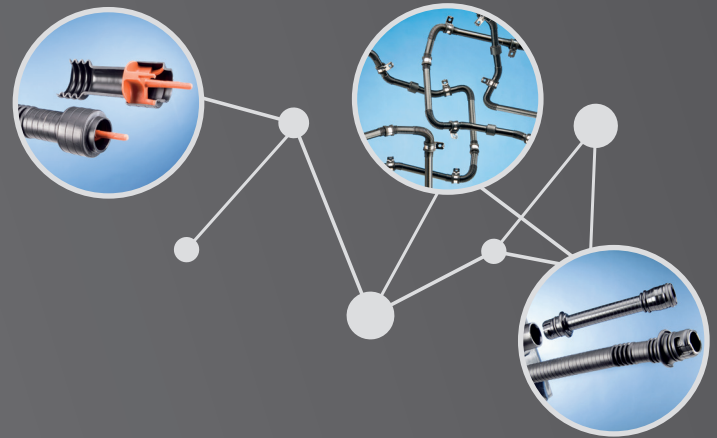
Depending on the expected influences and loads our solution systems are made from a variety of materials such as: PE, PP, PA6, PA66, PA666, PA610, PA612, PA11, PA12, PVDF TPE, ETFE, MFA, PFA, PEEK and derivatives.



Fluid Systems

Our corrugated tubes, smooth tubes and fully assembled corrugated tube systems are used in multiples applications of fluid systems, including for the following areas:

- Fuel lines
- Filling systems
- Under floor tubes
- Windshield and headlight washer systems
- Brake vacuum lines
- Battery cooling systems
- Drainage systems
- Clutch lines

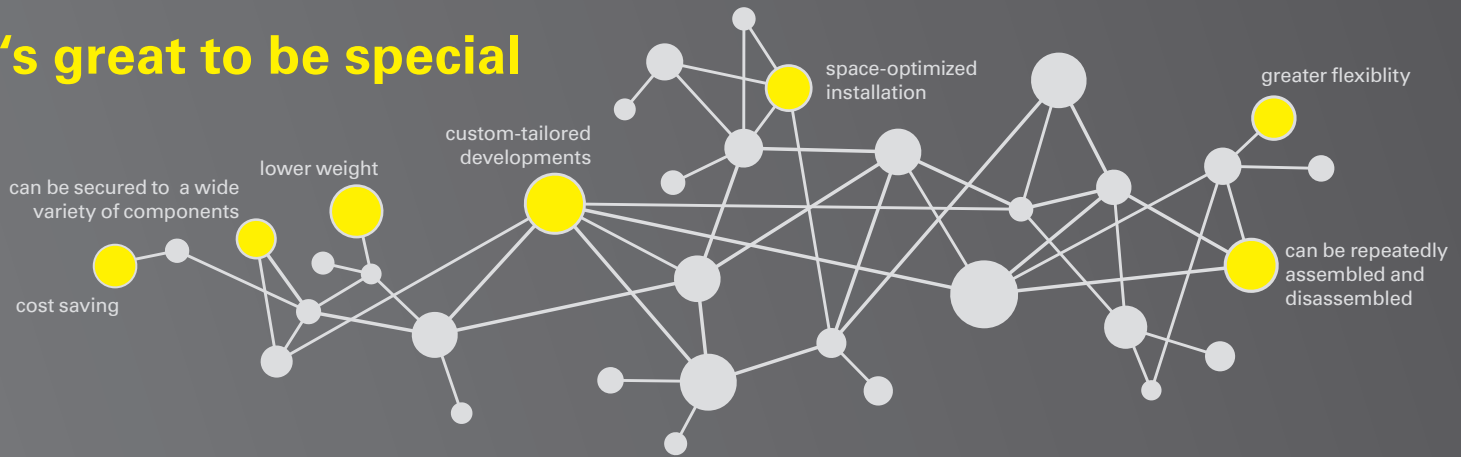


Air Intake Systems

In addition to fluid systems, corrugated tubes, smooth tubes and fully assembled systems of FRÄNKISCHE Industrial Pipes will be used in air conduction:

- Crankcase ventilation lines
- Air induction lines in engine compartments
- Secondary air lines
- Vacuum lines
- Battery degassing and ventilation systems
- Tank ventilation systems

it's great to be special



Cable protection

Corrugated tube systems and protection tubes of FRÄNKISCHE Industrial Pipes can be used in multiple applications and are perfectly suited for use under extreme conditions:

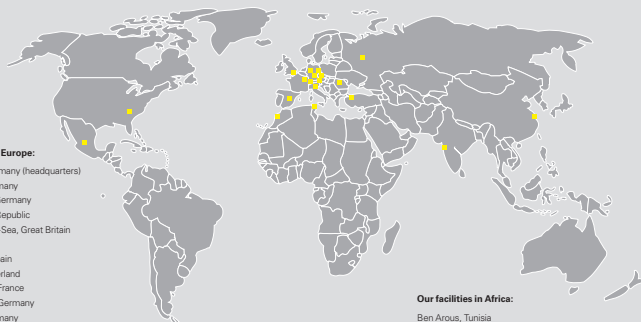
- for cable bundling and cable routing (also as retrofit installation)
- for noise reduction / vibration protection
- as heat protection up to 350°C
- as abrasion protection
- under impact stress

Technologies

FRÄNKISCHE INDUSTRIAL PIPES offers full service from one source. Our development team, tooling design, process and application technology create **customized solution**.

Our worldwide manufacturing facilities provide extruding (even in multi-layer method), thermoforming, injection and blow molding, knitting, coating and assembling of the product systems and our sales staff guarantees the delivery of the products ready for series production.

**Rooted in Königsberg –
globally successful!**



Our facilities in Europe:

Königsberg, Germany (headquarters)
Bückeburg, Germany
Schwarzheide, Germany
Okříšky, Czech Republic
St.-Leonards-on-Sea, Great Britain
Moscow, Russia
Yeles/Toledo, Spain
Rebstein, Switzerland
Torcy-le-Grand, France
Ebersbach/Fils, Germany
Hermisdorf, Germany
Mönchaltorf, Switzerland
Milan, Italy
Istanbul, Turkey
Cluj, Romania
Wels, Austria

Our facilities in Asia:

Anting/Shanghai, China
Pune, India

Our facilities in Africa:

Ben Arous, Tunisia
Casablanca, Morocco

Our facilities in North America and Mexico:

Anderson, USA
Guanajuato, Mexico

FRÄNKISCHE is an innovative, growth oriented, medium-sized family-owned enterprise and industry leader in the design, manufacturing and marketing of technically superior corrugated pipe systems for drainage, electrical, building technology and industrial applications.

We currently employ about 2,900 people worldwide. Both our many years of experience and expertise in plastics pro-

cessing, our consulting services and the large array of products are highly valued by our customers.

FRÄNKISCHE is a third generation family owned business that was established in 1906 and is now run by Otto Kirchner. Today, we are globally represented with production facilities and sales offices. The proximity to our customers enables us to develop products

and solutions that are perfectly tailored to our customers' needs. Our action and business philosophy focus on our customers and their needs and requirements for our products.

FRÄNKISCHE – Your partner for sophisticated and technologically advanced solutions.