THINKING IN GENERATIONS.
INVESTING IN TECHNOLOGIES.
GROWING IN PARTNERSHIP.
The fast-growing family business was quick to recognise industry as a market in its own right, and has remained true to this ever since. From the SCHAUNEBURG group of companies, two independent and successful sub-groups emerged: SCHAUNEBURG INTERNATIONAL and SCHAUNEBURG TECHNOLOGY.

SCHAUNEBURG functions as a holding company dedicated to industrial enterprises. The emphasis is on profitable businesses managed by skilled individuals and specialising in niche technologies. With well-established traditions and the future firmly in its sights, SCHAUNEBURG is a modern, internationally oriented group of companies.
SCHAUENBURG is steered by a set of fundamental values that determine who we are, what we do and how we do it. These are based in particular on three guiding principles:

The trust we show towards our partners, and expect from them in return. Responsibility towards our employees and customers, towards society, and towards the environment. We encourage entrepreneurial, success-oriented economic management and expect our partners to support this too. As such, progress – in the sense of profitable growth and a constant drive to innovate – is the third pillar of our value system.

We implement our guiding principles through continuous dialogue and flat hierarchies. This gives us flexibility and ensures that we are always in a position to reach entrepreneurial decisions together.

For us, our guiding principles are every bit as valid today as they were in the early years of this family business. Trust, responsibility, progress: these three values determine our entrepreneurial activity while underpinning the very essence of our group.
SCHAUBERG is a strategic investor, with a policy of investing in profitable, well-established industrial enterprises. We focus on companies who are leaders in niche markets and are capable of strengthening or usefully enhancing the existing SCHAUBERG business units. These include our five key units: Electronic Technologies, Plastics Processing, Engineering, Industrial Solutions and Hose Technology. We are also open to new activities that show a lot of potential.

Our affiliated companies generally function autonomously on a day-to-day basis. They receive needs-based support from us as and when required, while being nurtured and further developed within the group with a view to creating a mutually beneficial future. And because economic stability is one of our main priorities, our thinking always remains long-term.

All over the world, SCHAUBERG invests in medium-sized companies geared towards niche technologies, assimilating the resulting synergies into the group and working together to develop new products and open up new markets.
SCHAUENBURG offers attractive opportunities for all. Within our holding companies, SCHAUENBURG INTERNATIONAL and SCHAUENBURG TECHNOLOGY, we promote the affiliated companies – most of them majority-owned – by contributing our management expertise and helping to formulate their overall strategy through every phase of their development, drawing on an extremely diverse knowledge base acquired across a broad spectrum of industrial sectors and corporate cultures. We work together with our partners to formulate clear objectives based on their respective circumstances. This allows each of our companies to retain their individuality and build on their strengths while benefiting from the support of the group as a whole.

When considering potential affiliates, SCHAUENBURG is interested in more than just numbers. First and foremost, we are concerned with the people who form a company. After all, their ideas, their visions, their commitment and their trust are what define it. This, above all, is the capital on which SCHAUENBURG is built. The eventual outcome is a partnership of equals – a sustainable success story that benefits both sides.
Responsible use of resources in our manufacturing and finishing processes, efficiency in the production and processing of raw materials and the reduction of emissions are all accorded the very highest priority throughout our company activities. All around the world, many of our products are helping end users save energy, reduce their operating costs, protect the environment and make workplaces safer.

But sustainability means a lot more than that, which is why, day after day, we aim to validate the trust placed in us by our customers and partners by maintaining the very highest quality standards in our products and manufacturing processes.

We encourage the personal development of our employees by providing the appropriate qualification and HR development measures. Anyone who is looking for opportunities, and who is eager to make things happen, will be given the necessary freedom and support.

Likewise, the Schauenburg-Stiftung (Schauenburg Foundation), founded by the Schauenburg family in 1986, is further proof of our long-term thinking, supporting scientific and educational projects with a special emphasis on the promotion of up-and-coming talent.

“We are just caretakers” – a principle SCHAUENBURG honours both by dealing sensitively with resources and by acting responsibly on social, environmental and economic levels.
SCHAUENBURG’s activities are currently geared primarily towards industrial niche technologies. At present, these are broken down into five business units. Behind each unit are the individual companies that make up our group – all of them active and successful within their respective markets, and indeed many of them market leaders or technological front-runners.
As a world leader in technology for laboratory instrumentation for analysis of trace level organic chemicals, the name MARKES is a byword for the highest quality and outstanding technical expertise. The product range falls into two interlinked fields: thermal desorption and mass spectrometry.

Using our thermal desorption products, volatile organic chemicals released into the environment by a wide range of products can be collected and concentrated and thereby identified, even when only minute traces are present. This technology has applications in a wide range of scenarios including detection of hazardous chemicals in the environment, determining toxic emissions from consumer products and food quality control. It is also used in the military sphere and in forensic medicine.

Our instruments are also increasingly used in a range of vital research fields such as the diagnosis of diseases, agricultural science, and atmospheric chemistry.

Our time-of-flight mass spectrometer is used successfully in many areas for the detection and identification of organic substances, and is therefore continuously being improved and developed. The remarkable measuring sensitivity of our devices enables users to detect substances even in small amounts. And to round off the range, we also develop innovative software that simplifies and speeds up the automated identification of chemicals.

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MARKES INTERNATIONAL INC.
Cincinnati, Ohio, USA
Sacramento, California, USA
www.markes.com

SENSIDYNE, LP
St. Petersburg, Florida, USA
www.sensidyne.com

Potentially hazardous work environments call for special safety measures. SENSIDYNE manufactures and distributes high-quality industrial health and safety instrumentation and products designed to protect personnel and facilities in industrial applications worldwide. We supply products to a broad range of process, manufacturing and infrastructure industries including power, chemical, oil and gas, mining, industrial gases, semiconductor, metals, water and waste treatment facilities. SENSIDYNE’s product offering is divided into three core business segments: (1) Gas Detection; (2) Personal and Area Air and Particulate Sampling and Sound and Vibration Instrumentation for Industrial Health & Safety applications; and (3) Micro Air Pumps for OEM applications.

To remain true to our high quality standards, and to ensure constant compliance with all current regulatory requirements, we are constantly improving and optimising our products, developing new solutions and working hard to meet specific customer requirements.
**ELECTRONIC TECHNOLOGIES**

**MINING AND TUNNELING SOLUTIONS**

Guided by the overarching principle “Making mines safer through innovation”, SCHAUENBURG SYSTEMS and JANNATEC TECHNOLOGIES set the standards when it comes to developing and manufacturing electronic product and system solutions for safety and productivity in mining and tunnelling – from innovative individual products such as our leading gas detection technology, to compatible safety concepts and intelligent occupational safety, communication and monitoring systems supplied as turnkey solutions.

Our key challenge is to achieve maximum safety in potentially hazardous underground work environments. Based on our experience and our successes in this field, our efficient systems monitor gases, vapours and other similar hazards, providing reliable warnings of existing or imminent dangers while also preventing collisions.

Our product portfolio includes automated data capture and data transfer solutions, plus communication and monitoring systems for individuals.

Our group also has the expertise needed to develop software solutions, custom-tailoring its research and development activities to provide made-to-measure solutions for individual problems and applications.

**SATELLITE TECHNOLOGY**

STRATOSAT specialises in innovative solutions in the field of satellite communication. In the African market, we are also a leading supplier of products and services for radio telescopes for use in astronomy projects.

Our product range includes stationary and mobile satellite communication terminals and related equipment. Satellite communication components are manufactured in-house, in our own production plant. Thanks to our technical expertise and project management skills, we are able to offer our customers a wide range of technical solutions and services, from need-based product design to installation to maintenance, all readily available locally. We also offer bandwidth services to customers ranging from Internet service providers to mobile phone operators.

We have many years of experience in the field of radio telescopes, and have become the number one provider when it comes to the supply, installation and maintenance of large-scale radio telescope infrastructures for the African astronomy market.
PLASTICS PROCESSING

ducting, spiral ducting, fibreglass ducting and duct storage cassettes.

AIR QUALITY
Mining and tunnelling are far from being the only areas in which air quality control is one of the most vital measures required in order to make work environments safer. Many other industrial sectors have similar requirements – a challenge we are happy to tackle.

The plastics processing companies in SCHAUENBURG INTERNATIONAL have extensive portfolios and can offer a wide variety of solutions. In addition to cooling systems for mining and tunnelling, our range includes ventilators and fans as well as airflow and gas flow monitors, silencers and wet or dry dust extracting equipment.

On commission from customers, we produce high-quality warm air ducts, composite products of all kinds for industrial applications, pillar bags and recovery anchors and dog agility tunnels. We also offer a lightweight, durable and easy-to-handle encapsulated wire permanent formwork system called Novoform, which is a professional and cost-effective replacement for traditional timber in-ground frameworks.

“Innovations in plastic” is our slogan, and one we strive to uphold by working constantly to improve our materials and products.

VENTILATION TECHNOLOGY
Modern ventilation technology has two main functions: to supply fresh air to underground workplaces, and to extract used air and harmful gases in a controlled manner. For more than 50 years now, our ventilation products have been achieving success in markets all over the world. Our extensive range includes layflat

INDUSTRIAL PLASTICS PROCESSING
SCHAUENBURG INTERNATIONAL caters to a wide range of industrial plastics processing requirements. Our special expertise in product development and manufacturing enables us to create individualised products to meet specific customer requirements.

“Innovations in plastic” is our slogan, and one we strive to uphold by working constantly to improve our materials and products.
ENGINEERING

SEPARATION PLANTS
Upgrades to the infrastructure of the world’s major cities, and in particular to traffic systems, data lines, supply and disposal pipelines, is by now unthinkable without modern tunnelling. The proper separation of the drilling mud generated by these activities into water, soil particles and additives is a complex task, and is frequently a determining factor in the success of a project. With over 50 years’ experience in the processing of such fluids, SCHAUENBURG MASCHINEN- UND ANLAGEN-BAU (MAB) enjoys a worldwide reputation as a leader in the field and a reliable partner. Our modular equipment concept delivers flexibility for our customers, plus optimised solutions covering an extremely wide range of geological and soil conditions.

ENVIRONMENTAL AND RECYCLING TECHNOLOGY
The careful use of our resources requires closed cycles. Our aim is to create these by deploying the appropriate technologies in the processing of contaminated minerals, mud and soil. In response to customer specifications, MAB develops system solutions that address specific individual problems around the world, encompassing sand recycling and the treatment of street cleaning waste and grit for roads in winter, the recycling of oil sludge and sand trap residue, the processing of harbour sludge and pond sludge, and sewage purification.

POWER PLANT TECHNOLOGY
MAB offers innovative recycling solutions for an emerging worldwide market – separation technology, for example, a technology also used in power plants for dewatering ash and treating slag. As regards reliability and performance, the plants meet the highest standards. Separation technology is also used for thickening plaster in flue gas desulphurisation plants.

PROCESSING OF SAND, GRAVEL AND MINERALS
B&D PROCESS EQUIPMENT and MAB specialise in the construction of modern treatment plants. A specially developed automated control system allows us to produce sand “to recipe”. This in turn means sand deposits can be used efficiently and independently of any variations in the raw materials. These special sand plants meet all the latest requirements in terms of ultra-efficient, zero-default sand treatment. Areas of application include the production of concrete sands.

Thanks to the ever-growing long-term demand for resources, the mining and processing of raw materials is becoming ever more important throughout the world. As one of the leading players in the wet mechanical processing of ores and minerals, MAB is a worldwide supplier of complete systems.

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SCHAUENBURG MAB ASIA PTE. LTD.
Singapore
www.schauenburg-mab.com

B&D PROCESS EQUIPMENT B.V.
Rotterdam, Netherlands
Mülheim an der Ruhr, Germany
www.zand.nu
ROBOTICS AND AUTOMATION
In an increasingly competitive and cost-conscious industrial environment, companies are under constant pressure to improve process efficiency and product quality. Robotics and automated systems are now considered essential to meet this demand. ASTECH PROJECTS specialises in supplying turnkey robotics and automation systems for industrial and laboratory applications in regulated markets. We focus on advanced manufacturing sectors such as the pharmaceutical, medical device manufacturing, petrochemical, consumer health, aerospace and automotive industries, where product and process quality is number one priority.

Our strength lies in our ability to design and build customised automation solutions for novel applications where a robust design methodology and professional project management techniques are required to ensure project success. Since 1995 we have supplied systems to many of the world’s best-known companies in the USA, Europe, Asia and the Middle East. Our success is built on our customers retaining our services for repeat system manufacture, and system lifetime support through our REACTS® service. The company has also been honoured with the Queen’s Award for Enterprise: Innovation.

PROCESS EQUIPMENT MANUFACTURE AND SPECIAL DESIGN
To meet the worldwide demand in industrial plants and the needs of special applications, SCHILLER APPARATEBAU produces complex process equipment and individual designs out of specific materials. These are used primarily in the chemical and petrochemical industries. SCHILLER specialises in the processing of stainless, acid and heat-resistant high-grade steels, nickel, coppernickel, nickel-based alloys and special materials such as titanium, tantalum and zirconium. And with a variety of international approvals and certificates under our belt, we are in a position to conduct procedure tests on the materials and material combinations that we process.
The Industrial Solutions business unit of SCHAUENBURG INTERNATIONAL is made up of a group of companies specialising in elastomer engineering and thermoplastic technology. We operate as a one-stop shop – dedicated problem-solvers bringing our full expertise to bear, from development to design to manufacturing, and providing our business partners with solutions that are in line with the requirements of the market as well as being environmentally sound and technologically sophisticated.

Our customers are drawn primarily from key industries such as the automotive and pharmaceuticals/chemicals sectors, machinery and equipment, shipbuilding, defence technology, the food/beverages and energy sectors and household appliances/electrical engineering. We are qualified and accredited in accordance with DIN EN ISO 9001, along with a range of other specialist certifications.

**CUSTOMISED SERVICES**

Basing our work on a simple premise – “the perfect, flexible solution for every application” – we collaborate closely with our customers, developing product ideas and taking them from prototype through to mass production. Our consultancy service extends from the choice of materials through to construction and application technology, and our portfolio of services also includes mobile hose inspection and oil analysis.

**MOULDED PARTS**

Our range includes moulded components for industrial applications of all kinds. Our in-house production facilities, which include toolmaking, specialise in plastic injection moulding technology and rubber moulded parts.

**HOSE TECHNOLOGY**

Our certified specialist companies manufacture and refine hose assemblies for a range of applications including hydraulics, together with the appropriate fittings using a variety of different connection technologies. We also specialise in the manufacture of moulded hoses and fire sleeves.

**PROFILE TECHNOLOGY**

As a specialist in high-quality profiles manufactured to meet individual customer specifications, we offer a high level of expertise in the development and manufacture of profiles from various material combinations. We specialise in the manufacture of profiles with self-adhesive coatings.

**STAMPED PARTS**

Our extensive range of products for industry also includes stamped parts, blanks and semi-finished products. In addition to all the common forms of rubber, we also process foam rubber.

**TAILORED SOLUTIONS**

Our comprehensive range is rounded off by engineered parts for special applications and the manufacture of assembly groups. We also offer individualised concepts in the fields of rubber-to-metal bonded components and fittings, and in waste disposal technology, drive technology and reel systems.

Rounding off our product portfolio is a wide range of additional services, from the technical testing of materials to customised logistics concepts. Technical solutions coupled with exceptional service: this is what makes us such a highly valued partner to the industrial sector.

**BPT BAYERISCHE PROFILTECHNIK GMBH**

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www.bpt.de

**C+L INDUSTRIETECHNIK GMBH**

Nuremberg, Germany

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www.clindustrietechnik.de

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www.fischer-industrietechnik.de

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Gainsborough, UK

www.schauenburg-tech.co.uk

**SCHWALENBERG INDUSTRIETECHNIK GMBH**

Mülheim an der Ruhr, Germany

www.schwalenberg-industrietechnik.de

**VIGOT INDUSTRIETECHNIK GMBH**

Bremen, Germany

Rhein-Main, Germany

www.vigot.de
As a part of the SCHAUENBURG TECHNOLOGY Group, the SCHAUENBURG HOSE TECHNOLOGY Group collates a wide range of skills in the hose technology sector – a highly qualified partner supplying hoses worldwide for industrial applications, for use in household appliances as well as for sanitary and medical applications. Augmenting our production, we also offer both customised and standardised solutions in the field of hose assemblies, couplings and fittings.

INDUSTRIAL APPLICATIONS
We have been manufacturing high-performance spiral hoses from virtually every thermoplastic for over 60 years. These ‘arteries of industry’ have proven success in countless applications, always meeting the continually increasing demands.

By combining high-quality raw materials with the continuous development and improvement of our production and processing technology, we are able to offer custom tailored solutions as well as standard products – including, for example, customised fitting and connecting systems such as screwable or injection-moulded cuffs.

From development to production to the final product, we ensure the highest quality by strict control monitoring.

Short lead times, sufficient stock to meet our customers’ requirements and expert technical consultancy are also key elements in our portfolio of services. This is where our global orientation pays off: cooperation on an international level within SCHAUENBURG HOSE TECHNOLOGY Group generates synergies in all areas, thereby strengthening our market position.

APPLIANCE AND SANITARY APPLICATIONS
When it comes to the manufacture of thermoplastic hoses, injection-moulded parts and drive belts for household appliances, commercial and sanitary applications, we have many years of experience to draw upon. Our product range continues to develop, thus accommodating the design demands of our global customers, who are aware that our experience and technical resource offers a single source of supply.

This expertise is especially highly valued in respect of products for vacuum cleaners, floor cleaning equipment, steam cleaners, hair dryers and various sanitary applications. The ongoing optimisation of our products is geared towards an integrated concept that helps minimise not only the initial product costs for our customers, but also subsequent expenses related to installation or logistics. This exceptional approach, combined with our experience in other areas such as the automotive and commercial vehicle sectors, the aerospace industry and the field of construction machinery and compressors, confirms our ability to be a reliable and effective supplier.
In the field of thermoplastic hoses for use in the medical sector, the SCHAUENBURG HOSE TECHNOLOGY Group is a market leader. In addition to our injection-moulded fittings – with a choice of moulding prior to installation or direct injection moulding – we also offer a full product line of disposable or reusable articles for use in such areas as anaesthesia, respiratory or dental technology.

Our business philosophy is based on close, long-term partnerships with both customers and suppliers. This has helped us become one of the world’s leading providers of hoses for the medical market in terms of quality and customer service.

As technical requirements become ever more exacting and assembly groups increasingly complex, the demand grows for flexible solutions capable of delivering that vital competitive edge. Thanks to integrated connecting and fitting technology, hose assemblies are being used in more and more applications.

Practical and sophisticated solutions from the SCHAUENBURG HOSE TECHNOLOGY Group allow our customers to realise substantial savings in such areas as materials or labour costs – while the machinery and equipment becomes increasingly easy and convenient to operate.

We offer a wide range of standard products but are also able to provide individually tailored products and services if required. And thanks to our affiliated mould and tool construction facilities, we are in a position to respond swiftly and deliver excellent value for money.
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