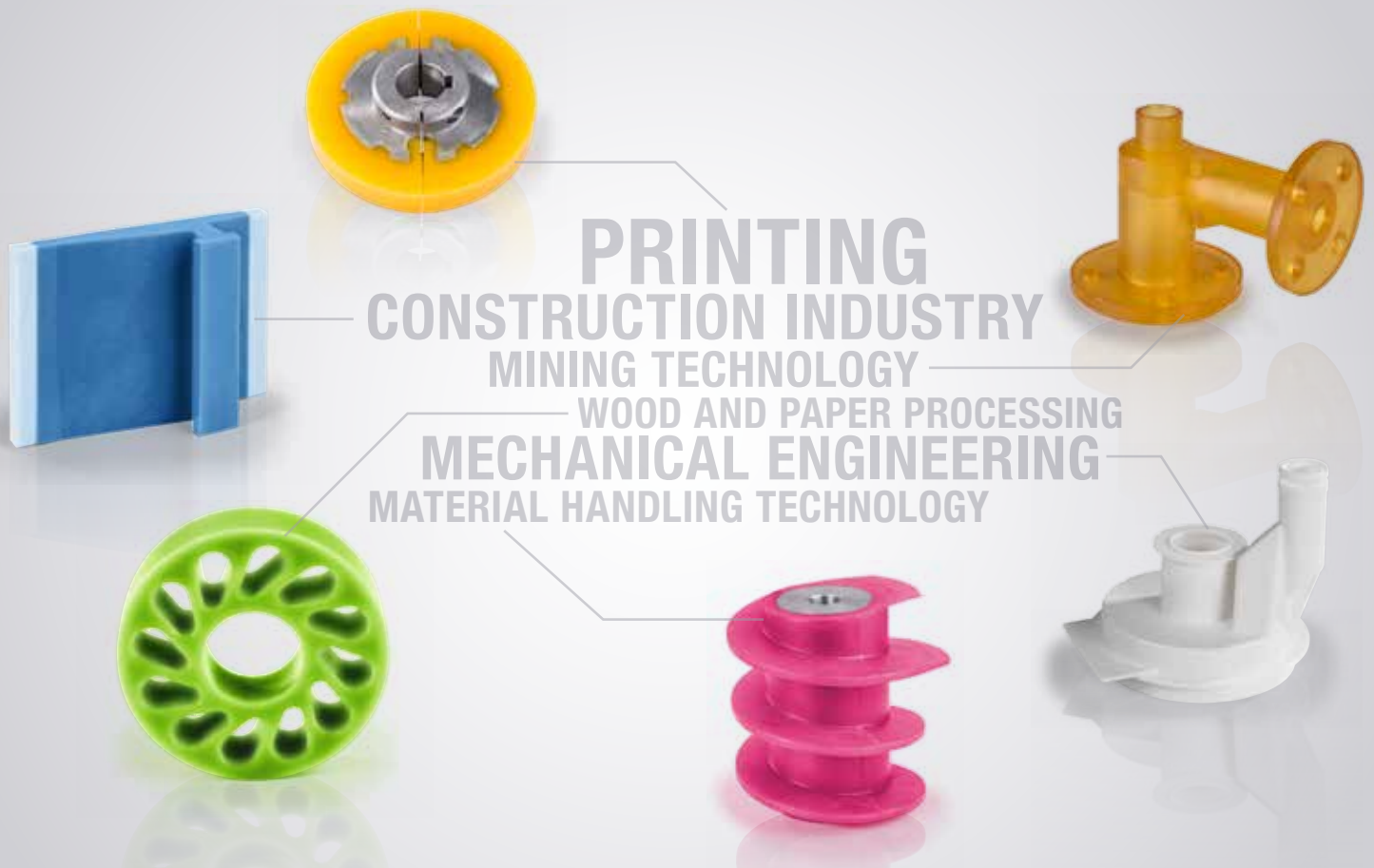
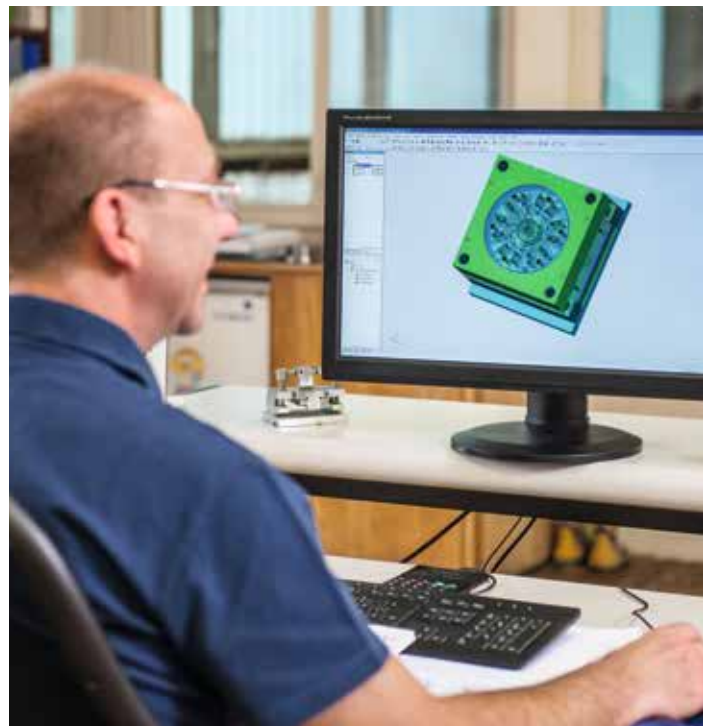


## Individual Solutions with High-Tech Plastics



## PLEIGER Kunststoff

- \_cast
- \_foamed
- \_compression molded
- \_injection molded
- \_extruded
- \_machined



## WE HAVE EXPERIENCE

### FROM MINING SUPPLIER TO INNOVATIVE ENTERPRISE

Founded as a machine works in 1925, we have grown over the past 90 years into a group of production companies with global operations on three continents.

The PLEIGER Group in Germany includes two plastics processing companies with three production sites, which show the world what „Made in Germany“ quality is all about.

With over 60 years experience in the production of plastics, we are one of the leading producers of polyurethanes and thermoplastics.

PLEIGER combines the innovative strength of a German high-tech manufacturer with the down-to-earth nature of a tradition-conscious family business utilizing cutting edge strategies and its own training center. The PLEIGER Group, with over 600 employees worldwide, stands for reliability and sustainable growth.

**VIBRATION TECHNOLOGY**  
SPRINGS  
made of solid Vulkollan®



**CONVEYOR TECHNOLOGY**  
ROLLERS  
made of thermoplastics

## WE OFFER SOLUTIONS

### OPTIMUM RESULTS ARE BORN FROM THE HIGHEST DEMANDS

Together with our business partners, we're in the position to find cost effective solutions for every single application. Our staff has the necessary know-how when it comes to design, formula development, tool and mold construction, in addition to production and sales.

**PROCESSING TECHNOLOGY**  
SCREW CONVEYORS  
made of PLEI-TECH® MS



With our advanced casting and injection molding machines and extruders, we offer a wide variety of cast, foamed, compression and injection molded polyurethanes, as well as injection molded and extruded thermoplastics. Our semi-finished product portfolio boasts any number of shapes, from round bars, rods, tubes and hollow profiles, to sophisticated molded components, which can be custom-finished if desired on our state of the art machining centers.

A quality management system according to DIN EN ISO 9001 ensures a consistently high product quality.

**BEVERAGE INDUSTRY**  
PACKING TULIPS  
made from TPU







## WE PRODUCE HIGH-PERFORMANCE ELASTOMERS

### THE MATERIAL THAT MEETS THE HIGHEST DEMANDS

Vulkollan® is a high-performance elastomer based on Desmodur® 15, and is manufactured in cast, foamed, or compression-molded forms. We use this material to produce the highest standard of technical molded parts and semi-finished products. Vulkollan® is used in the following sectors, for example:

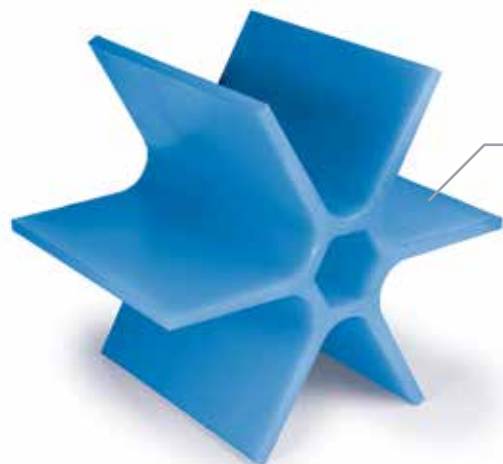
- Drive technology
- Printing industry
- Beverage industry
- Processing technology
- Surface finishing
- Materials handling technology
- Recreational industry

**PRINTING INDUSTRY**  
PROFILE STRIPS  
made from cellular Vulkollan®



### THE OUTSTANDING PROPERTIES OF VULKOLLAN®

- good resistance to mineral oils, petroleum and various solvents
- high impact resilience, high tear propagation strength, low compression set
- excellent mechanical wear resistance
- ideal for extremely dynamic loads



**BULK GOODS HANDLING INDUSTRY**  
FEEDERS  
made from solid Vulkollan®



## WE DELIVER MODIFIED SOLUTIONS

### THE PROPER MATERIALS FOR YOUR NEEDS

Plei-TECH® refers to the polyurethane casting systems developed and modified by PLEIGER in solid or foamed MDI or TDI quality. Tailored to customer-specific applications, we produce molded parts and semi-finished products in different color schemes and levels of hardness. Our Plei-TECH® systems offer an economical alternative product with attractive material properties.

### SECTORS

- Building industry
- Winter road clearance
- Concrete industry
- Mechanical engineering

**CONTROL TECHNOLOGY**  
SEAL INSERT  
made from PLEI-TECH® TT



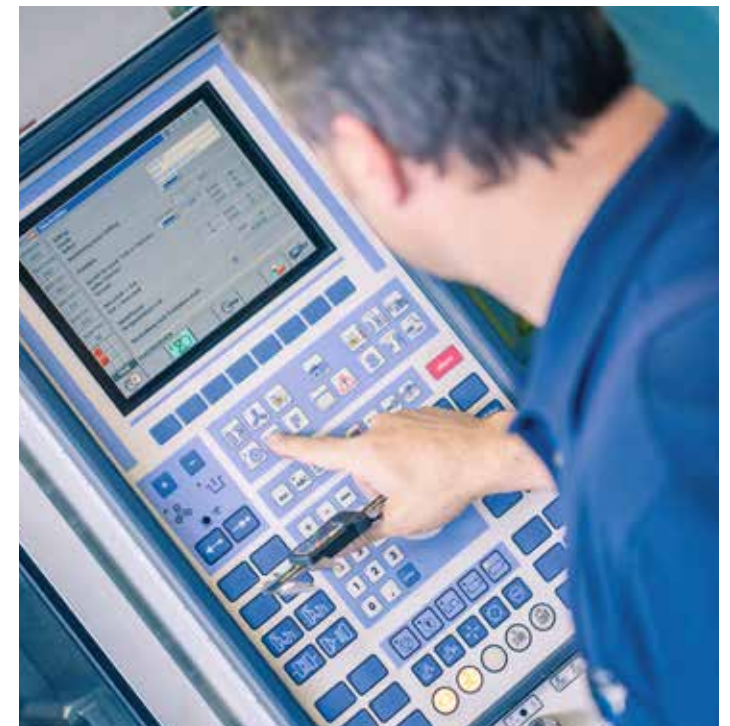
### EXCELLENT PROPERTIES

- hardness range from 55 Shore A to 60 Shore D
- high heat resistance
- hydrolysis and microbial resistance
- variety of colors



**CONSTRUCTION INDUSTRY**  
SCRAPER  
made from two-component  
PLEI-TECH® MSQ





## WE CAN DO SMALL OR LARGE

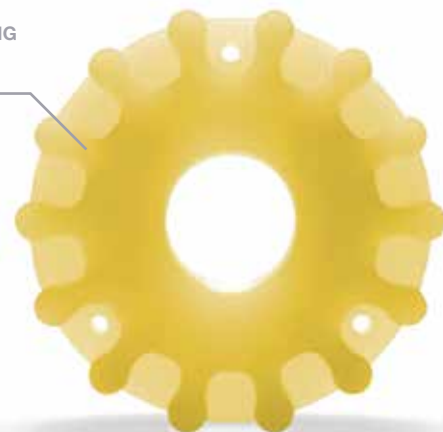
### FULLY EQUIPPED: INJECTION MOLDING, TURNING AND MILLING COMPONENTS

We produce precision parts made of thermoformed, injection molded plastics in small and large volumes with unit weights up to 1500 grams. Based on drawings and models, we produce sophisticated intricate thermoplastic components with the assistance of our in-house mold and die production. Optimized and customized solutions are achieved through individual modification of the raw materials. For small series or heavier unit weights, we have an impressive range of modern machinery available, such as CNC machining centers, for the production of semi-finished products.

### FEATURES

- low specific weight
- multiple shape options
- high strength
- highly diverse physical properties
- many thermoplastics are physiologically inert
- good cost-performance ratio

MECHANICAL ENGINEERING  
GEAR  
machined from PA



MATERIALS HANDLING  
TECHNOLOGY  
ROLLER WITH BALL-BEARING  
made from 2-component injection mold



## HELP WHEN YOU NEED IT

### STANDARD SEMI-FINISHED PRODUCTS IN STOCK

We supply semi-finished products such as round bars, rods, tubes and hollow panels of cast and foamed polyurethanes and extruded and molded thermoplastics, such as polyoxymethylene (POM) or polyamide (PA). Our extensive inventory of versatile equipment allows rapid delivery.

TUBES AND RODS  
made from Vulkollan®  
and PLEI-TECH®



PANELS AND BLANKS  
made from PA and POM





## PLEIGER

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