

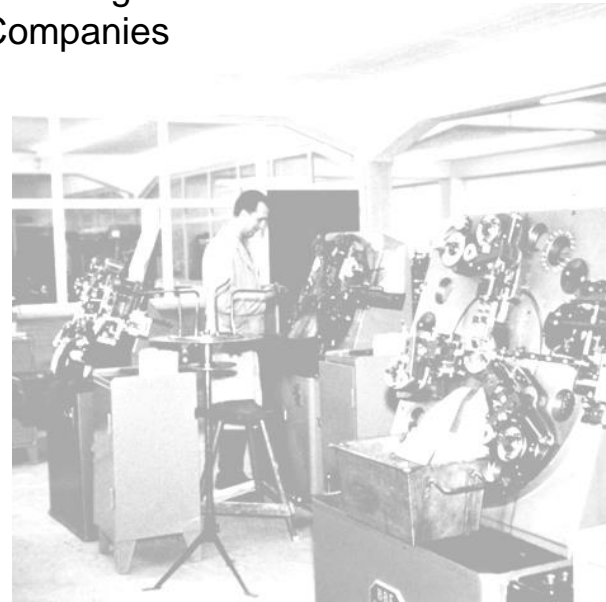
# Company Presentation

## Schnöring GmbH

A member of KERN-LIEBERS Group of companies

# History

- Founded in 1926 as spring factory by Karl and Ernst Schnöring
- Since 2018 – a member of KERN-LIEBERS Group of Companies



# KERN-LIEBERS Group of Companies



≈ 7,000  
Employees  
worldwide

FOUNDED  
IN  
**1888**



752 Mio.  
FY 21/22

**KERN-LIEBERS**

GROUP OF COMPANIES

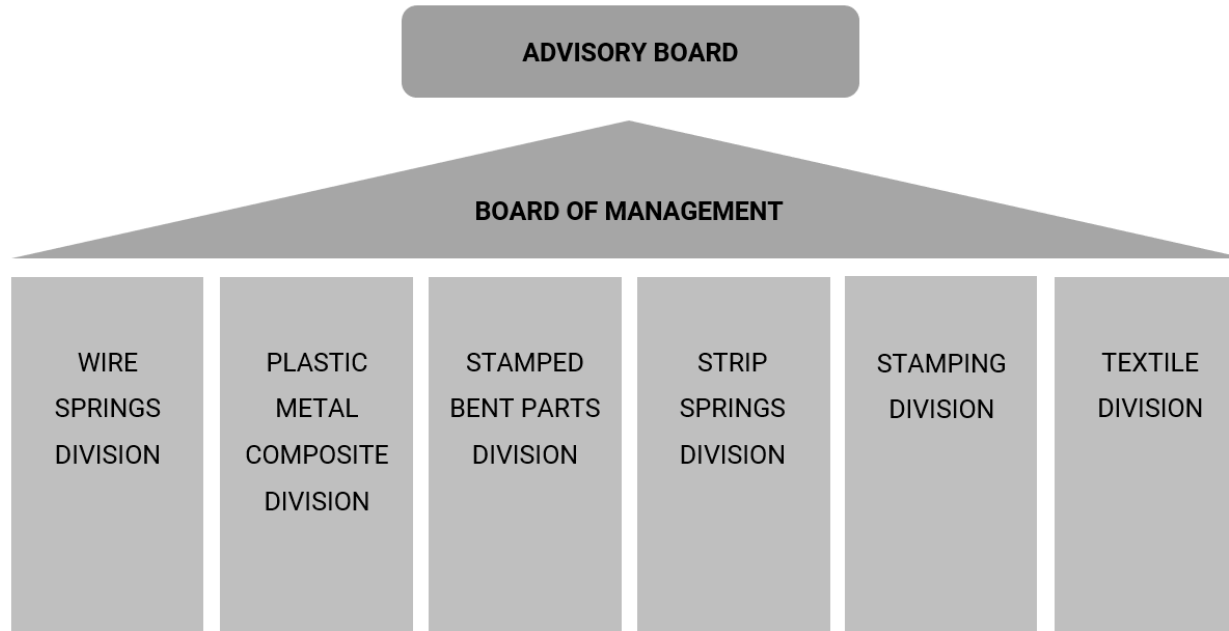


44  
Subsidiaries  
worldwide



HEADQUARTER IN **SCHRAMBERG**

# KERN-LIEBERS Group of Companies



# KERN-LIEBERS Group of Companies

## Wire Spring Division:



## Plastic Metal Composite Division:



## Stamped Bent Parts Division:



# KERN-LIEBERS Group of Companies

## Strip Spring Division:



## Stamping Division:



## Textile Division:



# Products from Schnöring GmbH

Development and production of springs, stamping parts, bending parts and assemblies.



# Staff and education

- 220 established staff  
*Administration and sales: 30 employees*  
*Technique and production: 190 employees*  
*thereof 20 apprentices*
- Inhouse training workshop for technical apprentices





# Development and tool shop

- Inhouse design engineering with 5 employees
- Siemens PLM-NX software (bNX 8.0+)
- Development and problem solving together with customers
- Revise and support of product design
- Engineering of high technological tools for assemblies, stamping and bending parts and progressive tools
  
- Inhouse tool shop for tools up to 80t
- 25 employees
- New NC technology

## Machinery

- Modern machinery
- More over than 200 machines for springs, stamping and bending components



# Usage of materials

- Strip material with thickness of 0.10 – max. 2.00 mm and width till 120 mm
- Wire with diameter of 0.20 – max. 2.00 mm
  - Round wire
  - Section wire
  - Flat wire
- Different specific alloys and types of material
  - E.g. carbon steel, chromium nickel steel, non-ferrous metals

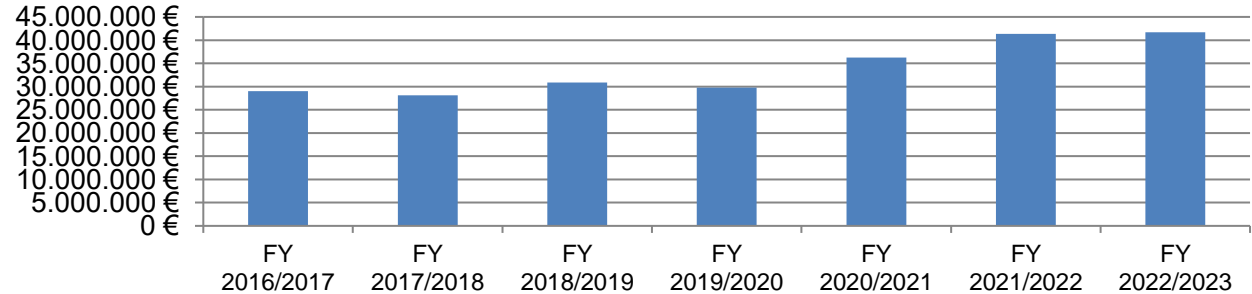
# Quality Management

- DIN-certified EN ISO 9001:2015
- Supported by CAQ
- Different measurement methods for specified parts: digital 2D profile projector, testing of roughness and strength, optoelectronical 100% control

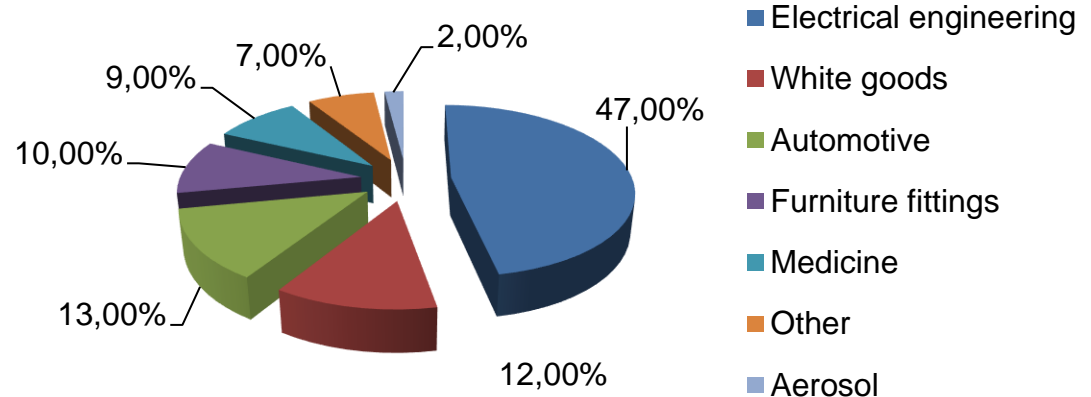


# Turnover

Development of turnover



Turnover in industries FY 2022/2023



# Expertise Sauerland

- Cooperation of 8 companies from same area called Sauerland
  - Portfolio of products with different production sectors using metal and plastic materials
  - Possibility of producing different types of stamping, bending and forming parts, using variegated technology of turning, milling and manufacturing of tools
  - Ambition: consolidating know-how of each company to support all customers
- „All in one“



# Contact

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