

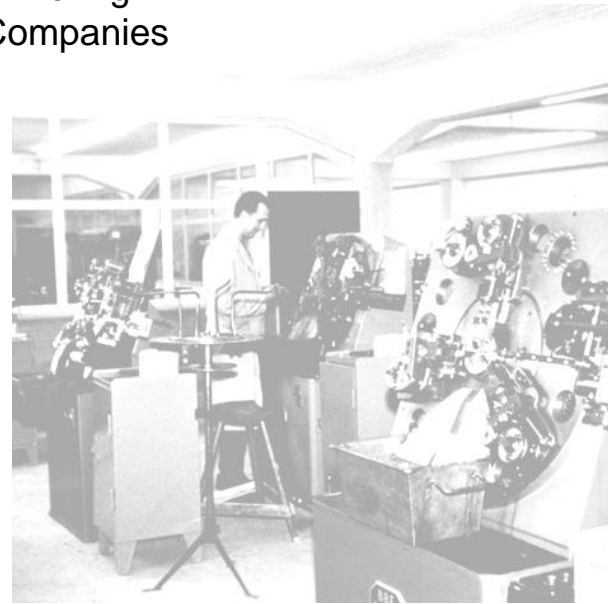
Company Presentation

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

- Mid Size German Family Owned Company founded in 1888
- Manufacturer of High Precision Parts
- Main Focus on Springs and Stamped Parts
- International Production Footprint



Facts Fiscal Year 2017/2018:

	Net Sales	Employees	Production Sites
Total	747.000.000€	8.080	51
...in Germany	399.800.000€	3.828	18
...in Europe / South Africa	82.700.000€	1.292	13
...in Asia	178.700.000€	1.960	12
...in America	85.600.000€	1.000	8

KERN-LIEBERS Group of Companies

KERN-LIEBERS <small>WIRE AND SPRINGS</small>	KERN-LIEBERS <small>STAMPED-BENT PARTS AND SPRINGS</small>	KERN-LIEBERS <small>STRIP SPRINGS</small>	KERN-LIEBERS <small>STAMPED PARTS</small>	KERN-LIEBERS <small>TEXTILE</small>
<p>Wire and Springs</p>	<p>Stamped-bent Parts and Springs</p>	<p>Strip Springs</p>	<p>Stamped Parts</p>	<p>Textile</p>
<p>Sales: 188,9 Mio. € Employees: 1.971</p>	<p>Sales: 150,7 Mio. € Employees: 1.148</p>	<p>Sales: 159,0 Mio. € Employees: 1.242</p>	<p>Sales: 169,0 Mio. € Employees: 1.551</p>	<p>Sales: 78,9 Mio. € Employees: 1.237</p>
<p>Wire springs PV-Wires Flat Wires and Specialty Wires Pieron clamping rings Brand wires Plastic Metal Composite Parts Spiral- / Techn. Springs</p>	<p>Heavy springs Stamping / Bending</p>	<p>Springs for restraint systems Springs for general applications Spiral springs and constant force Springs GS</p>	<p>Turbocharger Parts Diesel/Gasoline Inject. Systems Transmission Parts Laser Machined Comp. Shocks Pumps Heat treatment Multi contact wipers Powertools</p>	<p>Needles Weft-Knitting Needles Warp-Knitting Platines Weft-Knitting Platines Warp-Knitting</p>

Products from Schnöring GmbH

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



Staff and education

- 200 established staff
Administration and sales: 30 employees
Technique and production: 170 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

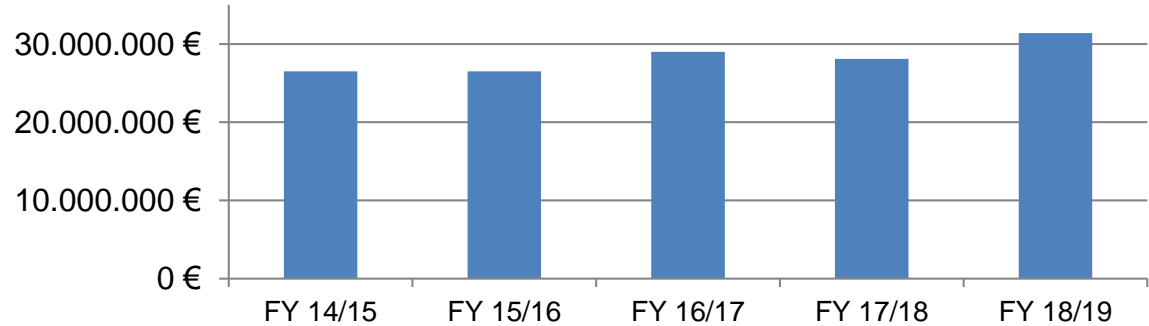
Quality Management

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

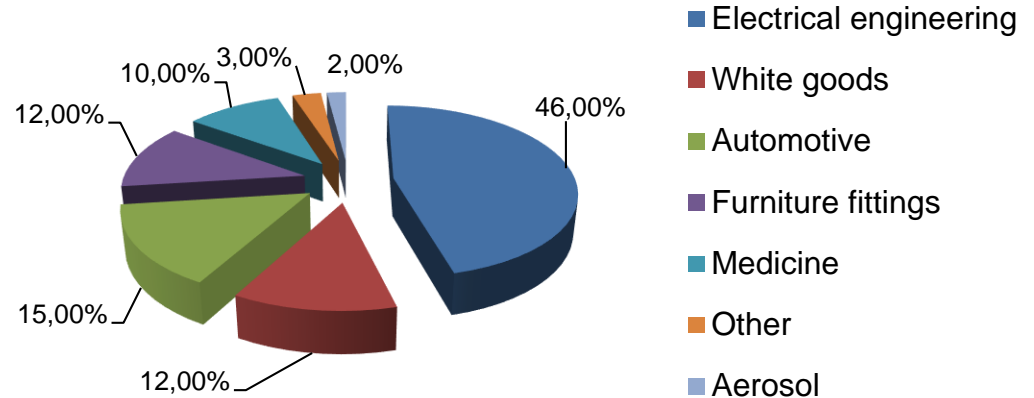


Turnover

Development of turnover



Turnover in industries 2018



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

Schnöring GmbH
Jahnstr. 15
58579 Schalksmühle
Germany

Phone +49 2355 / 808 - 0
Fax +49 2355 / 808 - 20
info@schnoering.de
www.schnoering.de

