

# IN OVER 90 COUNTRIES MORE THAN 30,000 CLIENTS WORK WITH SINKERS OF CHRISTOPH LIEBERS GMBH & CO. KG.



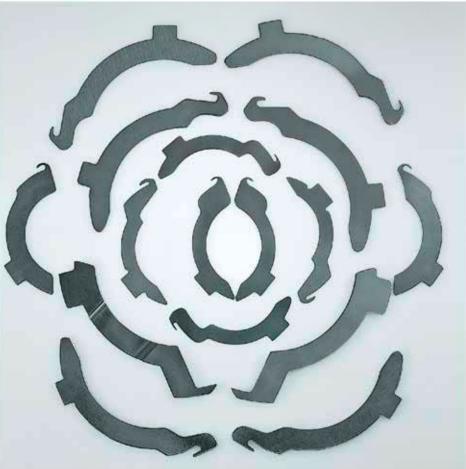


Christoph Liebers



# Content

Page	3	A family which loves precision and lives with sinkers
Page	4 - 5	Sinkers for tights machines
Page	6 - 7	Sinkers for socks knitting machines with single cylinder
Page	8 - 9	Sinkers for socks knitting machines with double cylinder
Page	10 - 11	Sinkers for seamless and oversized knitting machines
Page	12	Even packaging is specialised
Page	13	Certified quality from development up to sales
		Visual appearance and feeling is essential – the quality checks remain handcraft
Page	14	The company
Page	15	The history timetable







**Precision** is one of the most important requirements for a well performing production and is top priority when manufacturing sinkers. Multiple and manual inspections guarantee the delivery of exactly the same precise quality, no matter whether it is the ten thousandth sinker delivered to you or the very first.

This ensures a high stability in production and reduces the wear of machinery. Thus, you save costs and maintain an efficient production flow.







Quality and Perfection are therefore constantly supervised key features at <u>Christoph</u> Liebers.

It starts with the selection of the applied steel, continues during the complete production process and is completed with the surface finish. Already, more than 30,000 clients worldwide know to appreciate this.

Sinkers for tights machines

With sinkers of <u>Christoph</u> Liebers' you will produce of high quality – no matter if surgical hoses from class I to III with double or elastic finish or women's tights with reciprocated heel including tip.



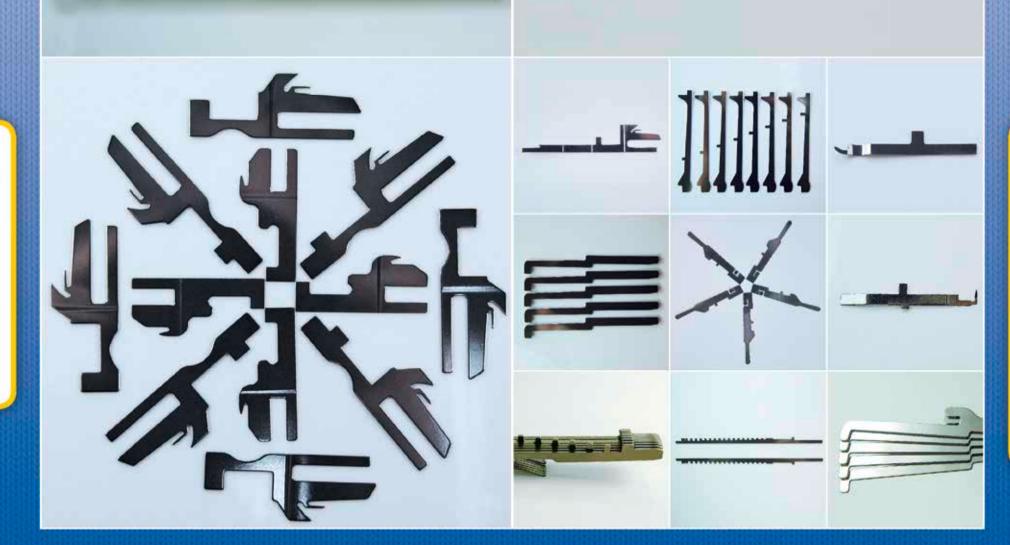
6

#### Individuality in production

of knitting elements makes the <u>Christoph</u> Liebers GmbH & Co. KG to your reliable partner. Special sinkers or products for the latest machines will be manufactured especially for your requirements.

Newly developed manufacturing methods guarantee also with small quantities an economic production. You can receive rare sinkers already at small quantities.

Please contact us by phone: +49 84 58 32 76-0 or email: info@liebers.de





The diversity secures, that you will find the suitable sinker in the range of articles for your knitting machine. Currently, more than 16,000 knitting elements are within the latest product range.

It is ensured that the delivery can take place within a very tight period for all kind of machinery and purpose of processing worldwide!

# Sinkers for socks knitting machines with single cylinder

Motif- or fillet pattern with six colours including basic colour, two-coloured plush selection, Jacquard on plain ground, different rib designs – this means diversity without limits – anytime, anywhere: sinkers of <u>Christoph</u> Liebers!

8





This flexibility guarantees the use of the latest technology with the manufacture of products. New technologies for the production have been created, together with well-known, scientific research institutes as well as German mechanical engineering specialists.





Invisible hardenings of materials strengthen the sinkers at the point of the heaviest mechanical loads.

Special treated surfaces reduce wear, save energy and strengthen the resistance against external influences. Especially, developed packing materials protect the knitting elements,

# Sinkers for socks knitting machines with double cylinder

Men's socks with authentic ribs, kids socks and tights with plain fabrics, derby, links, variations of Jacquard, 2-3 colors, stripe fabric and open work - sinkers of <u>Christoph</u> Liebers for sophisticated materials.



In over 90 countries more than 30,000 clients work with sinkers of Liebers GmbH & Co. KG. All listed products are in the country of destination within 48 hours after readiness for dispatch. Even custom-made productions reach their destination within very short time. Representatives of <u>Christoph</u> Liebers are in all countries ready to help you to make the right choice. They speak your language, know about your machinery and are aware of all your specialties in your production. The experts work closely with the headquarters in Germany. In this way, the smooth handling of your order is ensured.





MADE in Germany: precision, perfection, reliability combined with demand for high quality standards; with those virtues the world understands "Made in Germany."

Sinkers of <u>Christoph</u> Liebers GmbH & Co. KG from Germany are appreciated because of those characteristics.

# Sinkers for seamless and oversized knitting machines

Classy bodies, athletic t-shirts, cuddly toweling, colorful suit wear as well as breathable sportswear or durable fabrics for mattresses and all kind of technical fabrics - if high quality demands and flexibility determines your production the sinkers of <u>Christoph</u> Liebers will be your guarantor for a smooth running production,

12

# **Christoph Liebers**

# Sinkers to be perfectly packaged.

Not only the product itself also all other essential details need to be precisely organised. Especially, developed packing material protects the knitting elements with a special protective shell. It enables at the same time a completely free of pollution and oil-free mounting as well as a clean operation from the very start. The blue boxes, the red thread and the brown bags of Christoph Liebers GmbH & Co. KG from Germany are symbols for quality, reliability and tradition.

All listed products are in the country of destination within 48 hours after readiness for dispatch. Even custom-made productions reach their destination within very short time.

## Certified Quality.

Starting from development to manufacturing process and up to sales each single step at Christoph Liebers GmbH & Co. KG underlies an applied quality management.

In 2008 the ISO certificate 9001 was approved by the German accreditation agency DQS GmbH, Frankfurt am Main, (Certificate Registration No. 219 227 QM08).





UL



Geftungsbereich: Entwicklung, Herstellung und Vertrieb von Platinen für Strickmaschinen Entwicklung, Konstruktion, Herstellung und Vertrieb von Stanz- und Biegewerkzeugen

Zertifikat-Registrier-Nr. 219227 QM08 Gültig ab Goltig bis

DQS GmbH

G. Blacksolumids Gotz Stechactoria

Net

Altreditione Steller DOS Gribh, August-Scharz-Brusse 21, 60433 Frankfurt am Mai

## Visual appearance and the feeling are essential.

The finished product underlies a final review by well-trained experts. At this stage each single sinker is manually and visually checked at a final inspection.

Minor defects are recognised by visual inspections and touching and will be sorted out from the staff of quality control. This process guarantees that each sinker will fulfil the extremely high demands for the high-tech machinery which is used for the knitting production for almost 100%.





Christoph Liebei





Christoph Liebers GmbH & Co. KG Lifenthalstraße 21

ualitätsmanagementsystem eingeführt hat und anwendet

Durch ein Audit, dokumentiert in einem Bericht, wurde der Nachweis erbracht, dass das Managementsystem die Forderungen des folgenden Regelwerks erft

# ISO 9001 : 2008

2013-12-12 2016-12-11 Zoraftzerungsdatum 2013-12-12



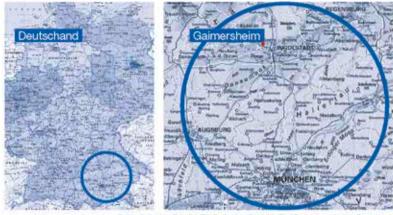




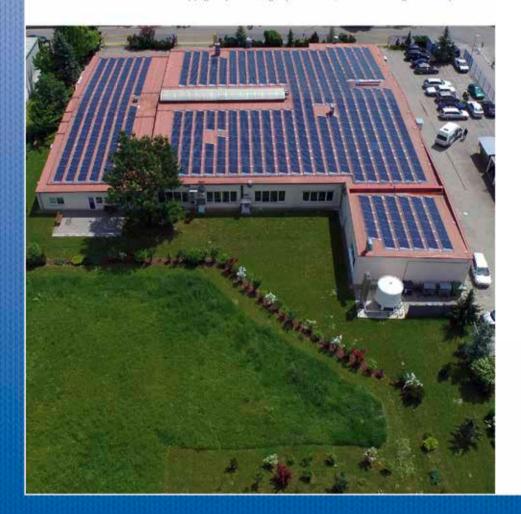
of the highest quality and precision

## Lilienthalstraße 21, D-85080 Gaimersheim,

More than 40 years ago and just under 100 kilometres in the North of the Bavarian city Munich, <u>Christoph</u> Liebers GmbH & Co. KG was founded. Aerial view in spring 2015.



Copyright by Stiefel Digitalprint GmbH, D-85101 Lenting - Germany



### History

**1876** Ernst Liebers founded the first factory for spare parts of knitting machines in Chemnitz;

**1912** The first contacts were established with remote countries – even deliveries to Egypt and to the Arab world began - and business relationships with knitting centres of the industrialised parts of the world were created;

**1945** With the expulsion Liebers shared the destiny with millions of Germans. They were hosted in Sweden. Paul Ernst Liebers operated in Malmö as a technical managing director for a Swedish sinker production;

1952 Reconstruction of the sinker plant in Stuttgart;

**1956** Relocation to Ingolstadt – expansion to the largest sinker manufacturer worldwide. Already in the sixties Liebers employed more than 350 employees;

**1971** Merger with its main competitor - Mr. Christoph Liebers left the joint venture;

1972 Establishment of tooling factory <u>Christoph</u> Liebers, again in Ingolstadt ;

**1975** After a competitive prohibition of work, Mr. Christoph Liebers, re-enters the development and production of sinkers. Starting with five different types - the listed items extended to 16,000 meanwhile;

**1989** Daughter Ulrike Starke (maiden name Liebers) and son Thomas Liebers join the company's management;

2000 Thomas Liebers and Michael Starke (son-in-law) are appointed Managing Directors;

2003 Sandra Liebers (daughter-in-law) completes the leading quartet;

2007 Expansion of company – enlargement of tool manufacture;

**2008** Expansion of company – additional capacity for the production of sinkers;

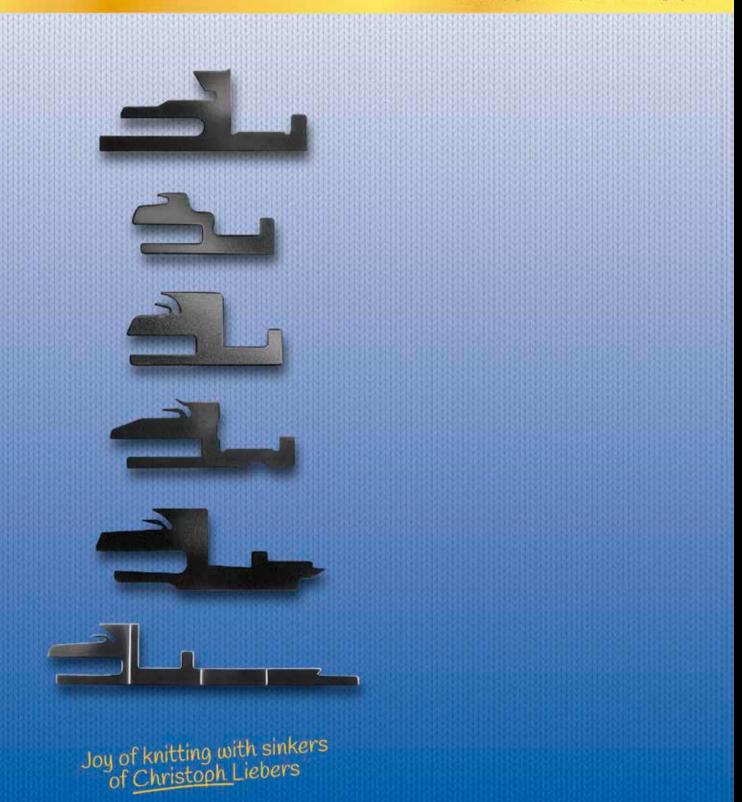
**2010** Additional expansion areas enlarge the company's premises and allow future growth of the facility.

Nowadays, <u>Christoph</u> Liebers GmbH & Co. KG supplies more than 30,000 clients in over 90 countries. In excess of 100 employees manufacture sinkers respectively stamping-bending-tools for a global market.





Tools and Sinkers of the highest quality and precision Text and photography: dtb modia. Wolfgang Lichtenegger. www.dtb-media.de Elesion: GRAPHIC Petra Haunschild. www.graphic-ph.de Aenatiview: page 14: AV-Groups GmbH, www.av-groups.de





Lilienthalstraße 21 • D - 85080 Gaimersheim phone: + 49 8458 32 76-0 fax: + 49 8458 32 76-66 info@liebers.de • www.liebers.de

