

In 2016, textile producers can meet VDMA and the member companies at the following events:

- INDO INTER TEX, German pavilion, April 2016, Jakarta, Indonesia
- “German Technology meets Vietnamese Textile”, VDMA conference, April 2016, HCM, Vietnam
- TECHTEXTIL North America, German pavilion 3<sup>rd</sup> – 5<sup>th</sup> May 2016, Atlanta, USA
- ITMA ASIA + CITME 2016 (VDMA sector pavilions) 21<sup>st</sup> – 25<sup>th</sup> October 2016, Shanghai
- “German Technology meets Egyptian Textile”, VDMA conference, November 2016, Cairo

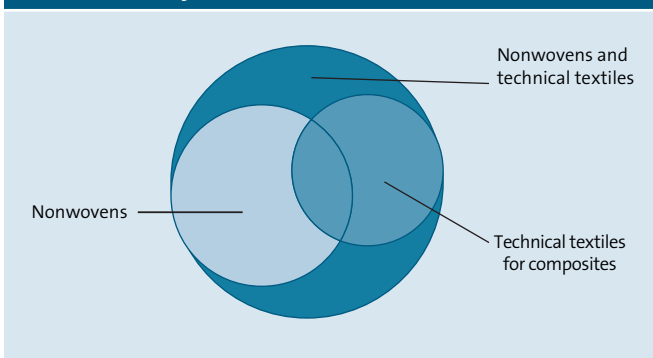
VDMA also welcomes textile delegations from different countries at the VDMA headquarter in Frankfurt.

## Machines for nonwovens and technical textiles

Production of nonwovens and technical textiles see growth rates worldwide. In application areas like the automotive and filtration sector, business is strong. The demand of nonwovens products like personal care wipes and floor coverings is increasing significantly while the hygiene sector is still the main nonwoven end-use. The common trend is towards lighter and sustainable products. This fits perfectly with the VDMA BLUECOMPETENCE initiative aiming at sustainable production technologies (see right).

More than 70 % of VDMA Textile Machinery members manufacture machinery, accessories, software and control units for the production of nonwovens and technical textiles. Some 50 member companies of VDMA Textile Machinery offer innovative technology and worldwide support for customers in the nonwovens process chain of web formation, bonding and finishing. The platform for the worldwide textile industry [www.machines-for-textiles.com](http://www.machines-for-textiles.com) provides comprehensive sourcing service and application reports of machines for technical textiles.

Number of member companies according to application fields of the machinery, accessories and software manufactured



The key element of high-performance composites are textile reinforcement structures. The range of materials used includes yarns, rovings, twisted yarns, braids, nonwovens, biaxial and multiaxial scrims, woven and knitted fabrics. Up to date 39 member companies of VDMA Textile Machinery have joined the Composite Technology Forum of VDMA. This forum enables textile machinery manufactures to closely cooperate with plastic machinery and automation equipment suppliers to develop fast and flexible industrial composite manufacturing processes.

A detailed sourcing service is offered under [www.composite-arena.com](http://www.composite-arena.com).

## BLUECOMPETENCE – Sustainability meets profit



Engineering a better world

Sustainability has become a competitive factor: Volatile prices for commodities and energy force the textile industry to pay highest attention to resource saving and energy

efficiency. Furthermore, sustainability is a subject to which the textile sector is increasingly confronted by legislation, by brands and retailers and by consumers. As a key industry for forward-looking technologies, the German mechanical engineering industry plays a prominent role in developing and realizing sustainable solutions.

VDMA has assumed patronage of the BLUECOMPETENCE sustainability initiative to interconnect Germany’s mechanical engineering industry, pooling the resources, know-how and strengths of VDMA members to boost sustainable development. Textile Machinery is one of some 30 different mechanical engineering branches within BLUECOMPETENCE. Up to date more than 30 textile machinery manufacturers have joined the initiative. It represents about two thirds of the turnover of the industry.

### VDMA

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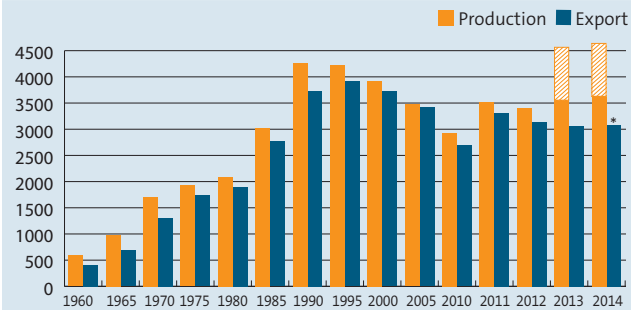
## German Textile Machinery Industry

## Facts & Figures



## German production and exports of textile machinery 1960 – 2014

Without installation and repair (in million €)



\* Estimated

Estimated production volume in subsidiaries abroad

## Production in Germany 1960 – 2014

Without installation and repair (in million €)

Year	Spinning mc.	Weaving mc.	Knitting + hosiery mc.	Finishing <sup>1</sup> mc.	Parts, accessories	Total
1960	124	61	89	119	195	588
1970	345	195	376	297	488	1701
1975	531	253	228	347	567	1926
1980	488	289	247	422	644	2090
1985	842	367	390	562	862	3023
1990	1218	552	457	841	1198	4266
1995	1314	465	578	699	1170	4226
2000	904	508	632	704	1173	3922
2005	1170 <sup>2</sup>	254 <sup>2</sup>	556	605	885	3470
2010	1231	confidential	confidential	confidential	3	2920
2011	1694	228*	1126*	399	3	3521
2012	1740	222*	confidential	confidential	3	3382
2013	1807	confidential	confidential	confidential	3	3555
2014	1871	confidential	confidential	confidential	3	3629*

\* Production value is estimated.

<sup>2</sup> change in the nomenclature, not comparable with the previous year

<sup>3</sup> the parts and accessories are assigned to the adequate machinery field

## German exports 1960 – 2014 in million €

Year	Spinning mc.	Weaving mc.	Knitting + hosiery mc.	Finishing <sup>1</sup> mc.	Parts, accessories	Total
1960	71	41	66	90	134	402
1970	243	180	293	222	361	1300
1975	406	252	223	320	536	1737
1980	334	287	253	417	605	1896
1985	644	333	290	469	1027	2764
1990	987	544	495	698	1009	3732
1995	1210	538	642	451	1072	3913
2000	798	501	690	616	1113	3718
2005	1346 <sup>2</sup>	257 <sup>2</sup>	1038	776	3	3416
2006	1352 <sup>2</sup>	346 <sup>2</sup>	1217	706	3	3622
2007	1614	351	1232	684	3	3881
2008	1099	254	1024	660	3	3037
2009	614	132	620	446	3	1813
2010	1006	201	838	643	3	2688
2011	1369	207	1004	730	3	3310
2012	1410	203	710	807	3	3129
2013	1488	200	748	628	3	3065
2014	1482	174	671*	757	3	3084*

<sup>1</sup> incl. washing, bleaching and dyeing

<sup>2</sup> change in the nomenclature, not comparable with the previous year

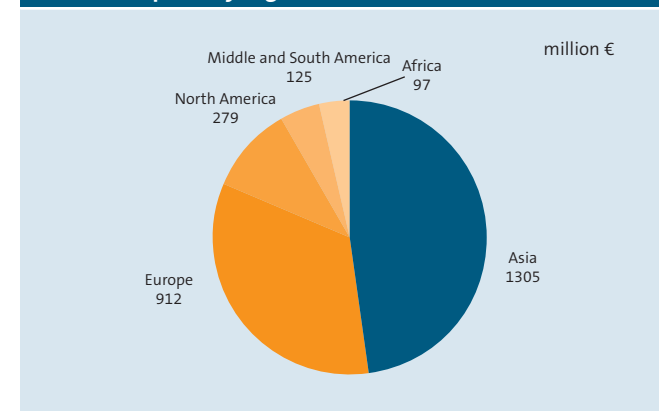
<sup>3</sup> the parts and accessories are assigned to the adequate machinery field

\* Export value is estimated. Regarding knitting and hosiery machines the two items warp knitting machines (incl. Raschel type and stitch-bonding machines) and other flat knitting machines (excl. warp knitting machines, incl. Raschel type) have been blocked by the exporting companies since January 2014. Data not comparable with previous year.

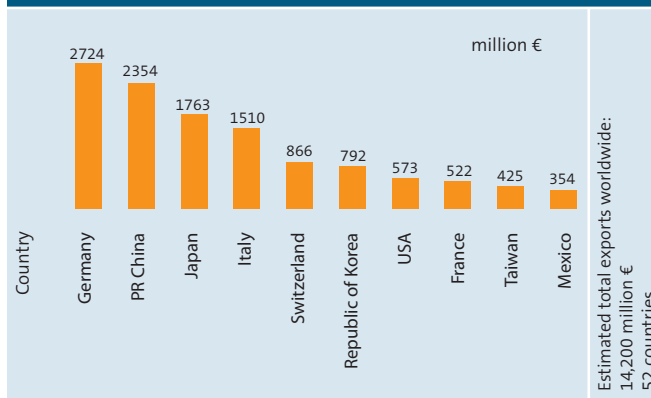
## In the long term most important export markets for German textile machinery 2004 – 2014 (based on the ranking in 2014)



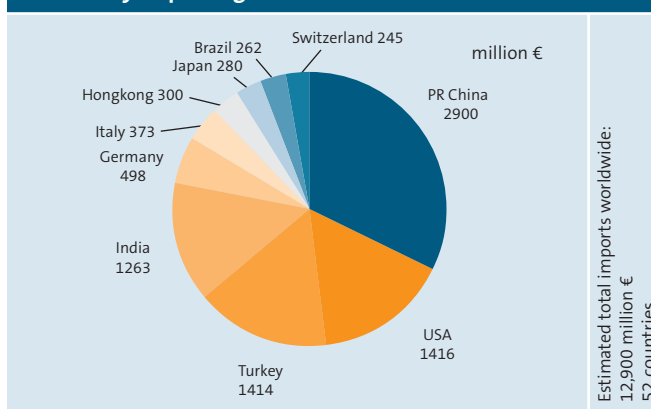
## German exports by regions 2014



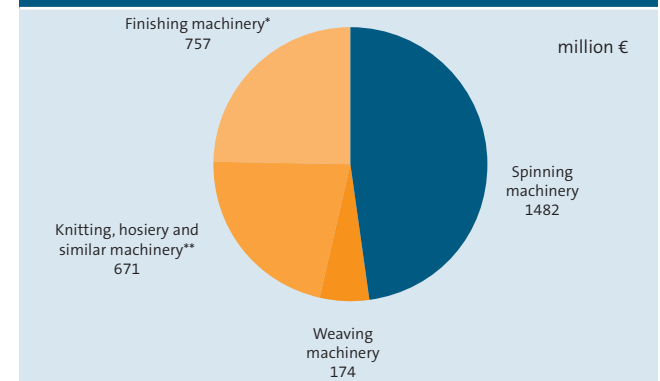
## The most important textile machinery exporting countries 2014



## The most important textile machinery importing countries 2014



## German exports by specialized branches, incl. parts and accessories 2014



\* incl. washing, bleaching and dyeing

\*\* Knitting, hosiery and similar machinery value is estimated.

Regarding knitting and hosiery machines the two items warp knitting machines (incl. Raschel type and stitch-bonding machines) and other flat knitting machines (excl. warp knitting machines, incl. Raschel type) have been blocked by the exporting companies since January 2014. Data not comparable with previous year.

## Exhibitions and Symposia 2016

VDMA Textile Machinery Association supports the industry in general and particularly its 125 member companies by organizing exhibitions, symposia and business delegation trips in important markets. For the flagship exhibition ITMA Europe (ITMA 2015, 12<sup>th</sup> – 19<sup>th</sup> November 2015, Milan), VDMA closely cooperates with the show owner CEMATEX and visitors organizer. VDMA is a valuable contact point for German and Austrian exhibitors and provides additional advantages for exhibiting members at ITMA and ITMA ASIA.