

# TEXTILE MACHINERY

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## TEXTILE MACHINERY

Textile is one of the key sectors in the Turkish economy in terms of Gross Domestic Product (GDP), employment and export. Textile accounts for 10 % of the Turkish GDP and 20% of employment in manufacturing sector. The value of textiles and clothing industry production is around US\$ 30 billion. Turkey exported US\$ 19,3 billion worth of textile and clothing in 2009. With this amount, it had a share of 19 % in total exports of Turkey.

Turkey's textile industry relies on locally-grown cotton. Turkey, a traditional cotton grower, is now the world's seventh largest cotton producer. In the 2009, the amount of cotton grown in Turkey was estimated at 500 thousand tons.

As a quality cotton producing country, Turkey has integrated and diversified production in all sub-sectors of the textile industry produces and exports all types of yarns, fabrics, clothing, household textiles, many ready-made textile products and technical textiles. Turkish home textile manufacturers are quite strong in terms of manufacturing and distribution both in the domestic and export markets. Turkey is one of the top four home textile manufacturers in the world. This means a huge textile machinery park and a large and continuous demand for textile machinery.

The strong textile industry in Turkey initiated the development of the textile machinery industry. Until 1980 nearly all textile machinery were imported. However, starting in 1980 some local production of small and medium-sized low-tech machinery began. At present, the line of products manufactured by the companies varies substantially from highly automated equipment to basic models and local producers are able to compete with foreign companies in most machinery categories, such as atmospheric jet dyeing (overflow) or blow dyeing machinery.

The majority of textile machinery manufacturers in Turkey range from small to medium sized companies mainly located in Istanbul. Due to the increase in demand for Turkish textiles and clothing, especially for high-end products, textile and clothing companies want to boost their production through installing more efficient and sophisticated machines with high technology into their production lines. Turkish companies who are aware of this fact are in search of joint ventures for this huge market.

### Exports

Recently, Turkey has emerged as a machine maker and the Turkish machinery industry has recorded a substantial export performance between 2002 and 2008. In 2009, the export value of the machinery industry was US \$ 8,13 billion, showing a 21% decrease compared with 2008 figures. Its share in Turkey's total exports was 8% in 2009.

Textile machinery exports have an upward trend between 2002 and 2008. Turkish textile machinery exports were US \$ 271 million in 2008, and decreased to US \$ 263 million in 2009 with a share of 3.2 % in total machinery exports.

The Turkish textile machinery industry sector has an integral role to play in the growth of Turkish textile industry. Besides supplying the Turkish domestic market the textile machinery industry has great importance for Turkey due to its promising export potential. Turkish exports of textile machinery consists mainly of machinery (other than

machines under heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made-up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics.

The Turkish textile machinery manufacturers/exporters follow European and international standards and norms. The obligation to affix the “CE Mark” started in the Turkish domestic market in 2002.

*Turkey's Exports of Textile Machinery (Value: US million \$)*

HS No	Product Name	2007	2008	2009
8444	Machines for extruding, drawing, texturing or cutting man-made textile materials	4	2	4
8445	Machines for preparing textile fibres; spinning, doubling or twisting machines and other machinery for producing textile yarns; textile reeling or winding (including weft-winding) machines.	27	56	54
8446	Weaving machines (looms)	15	25	27
8447	Knitting machines, stitch-bonding machines and machines for making gimped yarn, tulle, lace, embroidery, trimmings, braid or net and machines for tufting	25	19	27
8448	Auxiliary machinery (dobbie/jacquard parts), etc.	22	22	23
8449	Machinery for the manufacture or finishing of felt or non-wovens in the piece or in shapes, including machinery for making felt hats; blocks for making hats.	0,2	4	0,3
8451	Machinery (other than machines of heading 8450) for washing, cleaning, wringing, drying, ironing, pressing (including fusing presses), bleaching, dyeing, dressing, finishing, coating or impregnating textile yarns, fabrics or made-up textile articles and machines for applying the paste to the base fabric or other support used in the manufacture of floor coverings such as linoleum; machines for reeling, unreeling, folding, cutting or pinking textile fabrics	126	127	115
8452	Sewing machines, other than book-sewing machines of heading 8440; furniture, bases and covers specially designed for sewing machines; sewing machine needles	19	17	13
<b>TOTAL</b>		<b>239</b>	<b>271</b>	<b>263</b>

*Source: Undersecretariat for Foreign Trade*

At present, the Turkish textile machinery industry is the most modern in the Middle East, North Africa, Balkans, Baltic and Central Asia and produces machinery and equipment required for the textile industry and all parts and accessories. The sector exports are directed to about 135 countries. In 2009, major export markets in order of rank are Egypt, Ethiopia, India, Uzbekistan and Bangladesh, almost all textile manufacturing countries. High engineering skills, product flexibility, continuous product development and adaptation, and efficient after-sales services enable Turkey to export Turkish made textile machinery all over the world at an increasing rate.

*Textile Machinery Exports of Turkey by Countries (Value: US million \$)*

Countries	2007	2008	2009
Egypt	20	24	22
Ethiopia	1	16	20
India	20	13	18
Uzbekistan	15	16	18
Bangladesh	15	21	17
Iran	11	13	16
Russian Fed.	5	8	14
UK	9	13	14
Sudan	0,09	0,02	11
Germany	23	21	10
Syria	7	9	9
France	9	10	8
Indonesia	1	1	6
Belgium	7	7	6
Spain	6	5	5
Pakistan	4	3	5
Turkmenistan	4	6	4
Italy	4	6	4
China	4	12	3
Austria	2	1	3
USA	4	3	3
Kosovo	1	1	2
Hong-Kong	2	0,3	2
Azerbaijan	3	3	2
Bulgaria	5	3	2
Israel	2	3	2
Ege Free Zone	3	3	2
UAE	1	1	2
Ireland	1	1	1
Switzerland	4	3	1
Tunisia	1	0,5	1
Iraq	2	3	1
Portugal	1	1	1
Denmark	2	1	1
<i>Others</i>	<i>40</i>	<i>39</i>	<i>25</i>
<b>TOTAL</b>	<b>239</b>	<b>271</b>	<b>263</b>

*Source: Undersecretariat for Foreign Trade*

## Trade Fairs

The products of the Turkish textile machinery industry are exhibited in international and national fairs organized in Turkey.

Trade fairs held in Turkey related to textile machinery are listed on the web page of TOBB -Union and Chambers of Commodity Exchanges of Turkey -“*Turkey Fair Guide*” (<http://www.fuarrehberi.org.tr/> OR <http://www.tobb.org.tr/fuar/eng>).

Major fairs organized in this sector in 2010 are;

Fair	City	Date
TEXPO EURASIA -Textile, Yarn, Finishing, Knitting, Hosiery Machines Side Industries and Chemicals	Istanbul	May 15-18, 2010
Bursa Textile, Knitting, Embroidery Machinery Side Industry, Upholstery and Yarn Fair	Bursa	December 03-07, 2010

*Source: TOBB-Union and Chambers of Commodity Exchanges of Turkey (www.fuarrehberi.org.tr/)*