

EXTRACT**Content:**

- **China's textile & clothing exports reach US\$144 billion in 2006**
- **China will head textile industrial sustainable development in coming 5 years**

China's textile & clothing exports reach US\$144 billion in 2006

The newest statistics by China Customs reveal that China's total textile and clothing exports hit US\$144 billion in 2006. In which, shipments of textile yarn, fabrics and similar products came to US\$48.8 billion, up 18.7 per cent, while clothing exports accounted for US\$95.2 billion, an increase of 28.9 per cent over the previous year.

The statistics show that growth in China's textile and garment exports is still strong, with revenue expanding at an annual average of more than 20 per cent from 2003 to 2005.

It is obvious that the experts however are not so optimistic about the future of the nation's textile industry, with rising costs and non-tariff barriers from developed countries placing a strain on the sector.

Source: CCPIT TEX

China will head textile industrial sustainable development in coming 5 years

During the "11th Five-Year-Plan" period, China's textile industry will head the sustainable development by strengthening its technology, equipments innovation and management innovation by promoting the technical progress and industrial upgrade, which is issued from the official "Eleventh Five-Year Plan" made by China National Textile & Apparel Council.

The 'Textile Industry Technical Advancement & Development Program' should be put at the first place. There are 28 emphasized technologies and the 10 new types of textile machineries and technical equipments mentioned in the program which will be localized and industrialized.

New textile materials and advanced processing technology

- The R&D of the CF, AF, PSA, PPS, UHMWPE, etc.;
- The R&D and industrialization of the new polyester technical species, such as the PTT, PEN, CO-PET, etc.;

- The R&D and industrialization of PLA, polyketone, Lyocell, and some other differential fiber and products;
- The new suits of technology and equipment for PTA production (with an output of above 600 thousand tons per year) should be realized domestic production;
- The R&D and industrialization of the new generation of straight-spinning polyester superfine filament and high-efficiency new winding head model;
- The R&D and application of the processing techniques for top-grade compound non-woven cloth;
- The R&D of the new medical protection materials, film material and canvas material, the non-woven cloth and MMF net for agricultural application, and the intelligence textiles.

Rebuilding the traditional textile techniques with high-tech

- The R&D and industrialization of high-efficiency modernized cotton textile production technology, including the technology of ring spinning (tight spinning), the air jet and vortex spinning, the electromechanically rapier weaving machine and air jet weaving machine;
- The industrialization and application of specialized animal fiber combed yarn manufacturing technology, including the new spinning technology, the wool-thinned & modified technology, and the shrink proof & machine wash technology;
- The R&D of advanced technology of bast fiber, such as the finishing technology, the dyeing, anti-crumple and soften technology;
- The R&D of the technology for silk production, such as the elastic silk processing technology and equipment, the finishing technology for high-grade silk products;
- The R&D of the technology for knitting products: focusing on the water & energy-saving, high-quality and continuous pre-finishing technology, the top-grade finishing technology, and the computer-controlled seamless underwear processing technology.

Ecological textiles and energy-saving & eco-friendly processing technology

- Including the technology of micro-pigment dyeing and printing, plasma processing, enzymatic processing, automatic net-maker, digital printing, treatment waster-water pollution (after dyeing and printing), and recovery and utilization of waster-water (due to the dewatering process of MMF facsimile alkali); and the exploitation and application of eco-friendly coloring material, aid, pulp.

Textile information and reaction technology

- Research and application of the ERP system suitable for textile industry, the electronically commercial flat of textile industry, the CIMS for textile enterprises, and the production information inspection & management system for textile factories.

New textile machineries and technical equipment

- The following technology and equipment should be realized domestic production:
- Suits of equipment for producing polyester staple with a daily output of 200tons, the viscose filament continuous spinning machine;
- Research on high-efficiency modernized cotton-spinning product line;
- The electromechanically rapier and air jet weaving machine;
- The spund-bound, fusion-bounded and compound non-woven fabric product line;
- The high-speed computer-controlled jacquard circular weft knitting machine;
- The automatic computer-controlled flat knitting machine;
- The electromechanically high-speed Tricot warp-knitting machine;
- The online parameter inspection technology of dyeing and finishing equipment & techniques;
- The R&D of the high-efficiency, energy-saving and eco-friendly printing and finishing equipment.

All in a word, the textile industry should enhance the research of fundamental application science, integrate the fundamental application science with the exploitation and innovation of industrial application technology, and strengthen the learning integrated with production and research, and also the combination of textile industry with other related industries. Through the technology and equipment innovation, the industrial upgrading, and the economy growth model transformation, the textile industrial technology could have the innovation ability to reach the international advanced level.

To strengthen management innovation

The management experience of domestic enterprises should be analyzed, which could be benefit to shape a series of management model worth popularization; the industry should focus on absorbing and imitating the advanced international management theory and operation models, so that both the management level and the market competitiveness could be improved. Oriented by market, aimed at the ability of innovation and reaction, the enterprises should restructure of their operational flow, construct the information system, and reconstruct their traditional manufacture process, marketing process and management process with information technology, so that their reaction ability of market could be strengthened and the management efficiency could be improved significantly. Besides, the textile industry should promote the optimized integration of each production factor, encourage the combination, restructure and alliance of enterprises, and accelerate the development of the superior enterprises with more competitiveness.

Source: CCPIT TEX