



Chinese support made ShanghaiTex 2009 a successful event

Chinese textile machinery manufacturers generously supported ShanghaiTex 2009 from 16 provinces in China, including Zhejiang, Jiangsu, Fujian, Anhui, Hunan, Sichuan, Jiangxi, Heilongjiang, Henan, Guangdong, Shandong, Guizhou, Shanxi, Xinjiang, Yunnan, Hubei, etc. ShanghaiTex 2009 has also gained support from nearly 20 local and overseas textile associations by organizing buyer delegation visits. Chinese enterprises including Luthai Textile, Sunshine Group, Nantong Doulegreat Textile Co., Ltd, Mhlace Co., Ltd., Changshu Huamao Textile Co., Ltd., Toray Sakai Weaving & Dyeing (Nantong) Co., Ltd (TSD), Jiangsu White Rabbit Textile Group Co., Ltd, Septwolves Industry, Shandong Ruyi, Mesbon Chemical Fibre, Frousans Knitting, Shanghai Threegun Group, Xiamen Hualuv Printing & Dyeing Co., Ltd, etc. They all stressed that ShanghaiTex is a prime textile event and a premier trading and informative platform.

H & F: High speed textile bearings and fittings for OE Spinning

Hongfei Industrial and Commercial Co. Ltd. is located in the city of Wuxi (in Jiangsu Province of P. R. China), which is on the border of the beautiful Taihu Lake. It is one of the top 15 economic central cities and one of the 10 most attractive cities for sightseeing.



Mr. Amin from Investco with Yunfei Ji, CEO Wuxi Hongfei Industrial and Commercial Co. Ltd.

Hongfei was founded in 1993 and has rich experience for the production of high-speed textile bearings and open-end fittings. It is the largest production unit for the rotary cup textile bearings in China. The products include, but not limited to:

- ❖ Rotor cup textile bearings (Rotor bearings, Opening Roller bearings, Press pulley bearings, Guide Pulley bearings, Return Roller bearings and cots bearings) and their corresponding completes.
- ❖ Type D resilient mountings, inserts, navels, and separators
- ❖ Bearings for the high-speed Terylene spring machines The maximum speed of their products has already exceeded 110,000 rpm and that at the speed of 150,000 rpm is under research. Hongfei is equipped with advanced manufacturing and testing facilities.

Furthermore, they have a strong technical force with high capability on research and development. Hongfei takes "trust, devotion, innovation and initiative" as its objectives. Wuxi Hongfei is an ISO 9001 and ISO14001 certified company represented in Pakistan by Investco.

Ningbo Dechang Compact spinning base exceeds more than 100,000 spindles

Ningbo Dechang, a high tech enterprise, specializes in research, manufacture, sales and service of Compact Spinning machines. Its product currently enjoys domestic market share of 70%. As a subsidiary of Ningbo Yunsheng, Dechang relies on the support from headquarters to build up world's largest Compact spinning manufacturing base.



David Fang, Administrative Deputy General Manager, Ningbo De Chang Precision Textile Machinery.

Mr. David Fang, Administrative Deputy General Manager, Ningbo De Chang Precision spoke to Nadeem Mazhar, Editor PTJ on the occasion of ShanghaiTex.

Mr. Fang said, "We are one the leading company in compact manufacturing companies in China and manufacturing compact spinning systems for the last five years. Although there are many compact manufacturers in China, we are the only one to export our technology abroad. Already more than 100,000 spindles are in operation in Pakistan and many many conventional ring frames waiting for the compact modifications. We believe there

is a good future for our technology in Pakistan since we are producing high quality but our pricing is very competitive which is attractive to our customers in these times."

Regarding ShanghaiTex exhibition he mentioned that there was very good response from our Chinese customers but very few customers from Pakistan and India which he accorded to the economic conditions. This company is represented by Mars Trading in Pakistan.

Nantong Wuzhou presented their wide range of spinning components

Nantong Wuzhou Machinery Manufacturing Co.,Ltd. is specialized in production of top roller for ring frame, comber, open end machine, and draw frame machines. The company has a strong capacity for design and product development with fine equipment, advanced technology and complete production testing system. The company has passed the ISO9001 International Quality Certificate.



Han Jian General Manager, Nantong Wuzhou, with their representatives in Pakistan, Asghar of Asghar Trading Company and Shahid Mahmood of Soofi Sons.

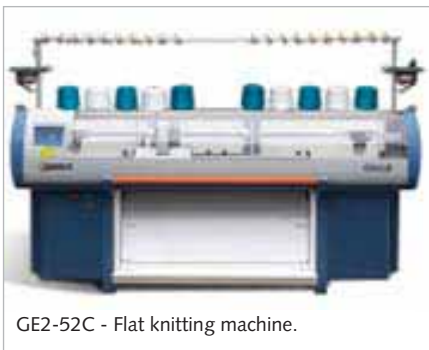
The quality of its products is reliable, and quality control standard of WZ is even higher than quality control standard FZ92013-92. The products were granted the certification of "China Quality Inspection" and "China Quality Supervision Inspection."

The company sells more than three million pieces of top rollers in one year. Nantong Wuzhou is represented in Pakistan by Asghar Trading Company and Soofi Sons.



Ningbo Yuren Knitting Machine Co.,LTD

Ningbo Yuren Knitting Machine Co., LTD established in 1988. Ningbo Yuren Knitting Machine Co., LTD located on the southern side of Hangzhou Bay Bridge and has invested three sub-companies which are Cixing Textile Machinery Technology Co., LTD, Fortune (NingBo) Textile Machinery C.,LTD., Beauty Fortune Enterprise Co., LTD. Yuren is a professional manufacturer of 'CIXING" brand Computerized flat and circular knitting machines and a main equipment provider in China.



GE2-52C - Flat knitting machine.

Also "CIXING" brand has been a biggest brand in China and the third biggest in the world far ahead of competitors in China. They have sold their products to more than 20 provinces in China and several countries abroad with good reputation such as Hongkong, Bangladesh, India, Vietnam, Cambodia, Syria, Turkey, Russia, Romania, Jordan, Mexico , Argentina .

The series of computerized flat knitting machine with comb device was the show highlight at ShanghaiTex. These C-series machines are equipped with comb device (including clip and cutter) and due to R&D efforts, the technical feature of comb device enhances Cixing machine technology. Among Chinese computerized flat knitting machine manufacturers, Cixing has international advantage level due to its superior technology.

This series use digital technology to achieve the patterns of transfer, tuck, pointed, intarsia, jacquard, apparent shape, hidden shape and other regular pattern knitting functions. The machine can knit basic single or double jersey plain fabric, irregular multi-colors jacquard, intarsia, cable and pointed structure patterns.

Chemtax: Energy-saving machines to fulfill market demand

After years of developing as the world's manufacturing center, China is

China Texmatech Co., Ltd. (CTMTC) the leading supplier of textile machinery in China

China Texmatech Co., Ltd. (CTMTC), established in 1984, is the largest enterprise in China specialized in the import and export of textile machinery and technology.

As the key enterprise of China Hengtian Group Co., it became one of the state's important enterprises under the direct administration of the central government of China in 1998.



CTMTC together with Jingwei Group and Zhengzhou Group participated in the exhibition. The net space of acquired by this group was about 400 square meters. CTMTC, as a leading supplier of textile machinery in China, displayed the complete cotton spinning equipment, chemical spinning equipment, dyeing and finishing machinery and non-woven equipment during the exhibition.

CTMTC is the only export channel of the textile machinery which is the main product of China Hengtian Group Co. More than 60 complete cotton spinning equipment projects have been exported totaling 2.6 million spindles to more than 50 countries and regions such as Pakistan, Thailand, Indonesia, Bangladesh, Syria, as well as other Asian, African, Latin American and European countries.

Besides the cotton spinning equipment, the import and export business of other equipment like wool, flax, silk, knitting, chemical fiber, printing and dyeing, accessories and spare parts are rapidly increasing.

At present, the company imports 10% of machines and export 50% of textile machinery where the main products are cotton spinning machinery from China.

Meanwhile, introducing production process and manufacturing technology of textile and chemical fiber equipment, involving invitation of foreign experts, dispatch of technical personnel for training abroad, textile engineering consultation and technical consultation. Importing advanced equipment and technology for domestic enterprise amounting to USD 2.5 billion and a great number of the state's important textile and chemical fiber projects.

During the show time, a series of deep communication and discussion with the customers have been made, their sales group also visited some user's mills and had commercial and technical discussion with the customers.

trying to balance the economic progress and protection of natural environment. This growing awareness has prompted both the government and private sector to speed up further product upgrade and the use of energy- and water-saving machines, particularly in the segment of textile dyeing and finishing.

Heath Kwok, General Manager of Chemtax Industrial, said that ShanghaiTex 2009 exhibition presents advanced finishing machines and techniques and serves as critical element to achieve value-added products with such characteristics as wind resistance, breathability, and unique functions in specialty fabrics.

A group of machine builders represented by Chemtax Industrial in China market have been filling market demand of advanced systems that minimize the use of water and electricity.

This company provides innovative

dyeing systems offering a low liquor ratio of 1:2 to 1:3 compared to the market prevalence of 1:5 in Asia, lowering the use of water and the cost of treating wastewater.

Meanwhile, Erbatech introduced to knitters a cold-pad-batch dyeing approach with a Scout color machine, using reactive dyes for all cotton knit fabrics. By avoiding the use of steam, textile manufacturers are able to save energy.

Moreover, Mr. Kwok observed a growing demand of quick response to the market need of batches of a small volume but high variety. He thus recommends the use of textile enterprise resource planning (ERP) software solutions, e.g. from Datatex, to integrate various machines running at the factory floor. "It allows manufacturers to plan, modify and deliver their products efficiently," he concluded.



Igus (Shanghai) Co., Ltd.

Igus started business in 1964 with headquarters located in Cologne, Germany. After tens of years' development, igus have set up subsidiaries the world over. Igus (Shanghai), WOFF of igus Germany, is in charge of all igus relevant business in mainland China.

Since its foundation 40 years ago, Igus has been engaged in research and development of polymer products; and nowadays Igus is recognized as the leader among all EnergyChian, flexible cable and polymer bearings manufacturer worldwide. With high-level R&D team, excellent sales and after-sales team and a variety of more than 70 thousand products, igus provides the best solution to enhance competitiveness; meanwhile, engineers from igus offered the most optimized solutions upon request, which would meet your specific requirements.

"xiros" against friction and wear

Maintenance-free polymer ball bearings in new materials and dimensions: The Cologne-based igus GmbH specializing in plain bearings that are made of tribological optimized polymers launched their own plastic ball bearings onto the market for the first time. The positive feedback from customers' resulted "xiros" maintenance-free polymer ball bearings becoming an independent product line.

The name "xiros" is derived from the Ancient Greek "xsiros" which means "dry" ball bearings for lubricant-free dry running. The inner and outer rings are manufactured in two further material variants and there are additional dimensions available.

Variant one is dry-running polymer ball bearings for high-temperature range and resistant up to 150°C, which have been further developed in terms of wear.

The areas of application for anti-magnetic and highly corrosion-resistant open systems are in; medicine, the chemical industry, food industry, pharmaceutical and bio-technology as well as in plant engineering that are easy to clean. Variant two are maintenance-free polymer ball bearings for broader application areas in the normal temperature range made of special plastic.

Year after year, more than 120 new polymer compounds are prepared and more than 8,000 tests are carried out in the Igus development laboratory. This gives customers' precise forecasts of the service life of the bearing in their particular application use or to develop completely new areas of application.

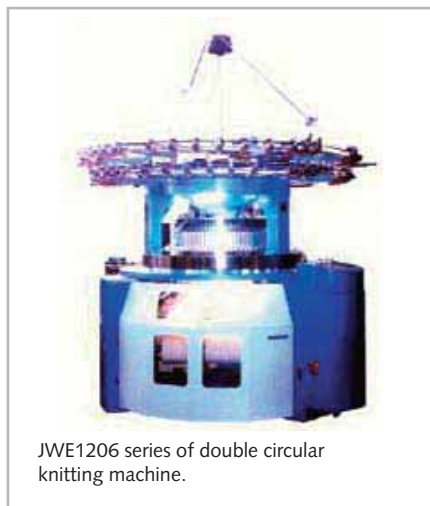
The tests mainly focus on wear, friction value and drive forces required under a wide range of load and speed collectives as well as further environmental conditions (temperature, media, soiling, impact and blows).

Jingwei Textile Machinery Stock Co., Ltd.

Jingwei Textile Machinery Stock Co., Ltd. (Jingwei Textile Machinery), was registered in Beijing economic and technological development zone and it is high end new technology company. At present, it has become a multi-operational group with cross-territory business and large capacity of complete sets of cotton spinning machinery that specialized in product development, producing, market service as the only enterprise in China. Jingwei Textile Machine has established the perfect system of production development, craft technology, manufacturing, marketing and managing.

JWE1206 series of double circular knitting machine

JWE1206 series of double circular knitting machine for pure cotton yarn, weaving, various blended yarn, polyester silk PP fibers and other chemical raw materials for the double knitted fabrics. "Second on the four" special needle design suitable for the production of a variety of organizations and transform complex varieties, such as fingerprints, and two fingerprints and tuck and float lines combining complex organizations and small jacquard fabric and spandex fabric such as double-sided.



JWE1206 series of double circular knitting machine.

Main technical characteristics

- ❖ New general rack design, rigidity good, revolution steady, vibrates slightly, advantageous is high speed.
- ❖ Trigonometric curves specially designed to cope with interlock, rib and other parameters.
- ❖ Unprecedented pressure on the triangle principles, and no need to bring needle design, unified regulatory pressure needle positioning accuracy, easy to regulate.

- ❖ Block will make use of triangular aluminum extrusion superhard, dense materials, high-precision processing. Light weight and good heat dissipation.
- ❖ Positioning mode is specially designed for high positioning accuracy and good interchangeability.
- ❖ Triangle needle plate for two runways.
- ❖ Wire-shipped runway, precision adjustment, fast and convenient with long life.
- ❖ Block gearing up gear oil bath lubrication, the reduced noise.
- ❖ Frequency Control, machinery or smooth functioning of the slow start and do a sustained move.
- ❖ Centralized control panel, multifunctional easy to operate.

CMEC, Beijing Chonglee Machinery Engineering Co., Ltd

With more than 30 years of experience in designing and manufacturing complete chemical fiber production equipment, through self developing and successful co-operations with world famous chemical fiber engineering companies, CMEC has already grown into one of the leading international chemical fiber engineering companies, which is capable of design, manufacturing of chemical fiber equipment and turn-key project contracting.

CMEC boasts the complete equipment design, engineering technology and manufacturing capability of both direct spinning and chip spinning of polyester, polypropylene, polyamide textile yarn, industrial yarn, differential yarn, etc., nonwoven fabrics and various type of winders.

The company also provides plastic equipment, all kinds of spinnerets and other cotton mill equipment as well. The products of CMEC have been sold not only to more than 100 local customers distributed in 30 plus cities and provinces in China but also to the countries in Asia, America and Europe. The market coverage of CMEC's products now in a top position among the providers of the same kind.

CMEC is the first company to have successfully established a joint venture named Beijing Zhong li Chemical Fiber Machinery Co., Ltd with Toray Engineering of Japan. Now CMEC will cooperate with customers both at home and abroad to create the products of top quality, explore the new market to meet the new requirements, to embrace the splendid tomorrow of the chemical fiber equipment and engineering field in both China and world-wide. ♦



Hebei Taihang Machinery Industries Co. Ltd.

Located in Shijiazhuang city (capital of Hebei province), Hebei Taihang Machinery Industry Co., Ltd. is an ISO 9001 certified large-scale machinery manufacturing enterprise, which is affiliated to CNGC. They have successfully developed over 20 kinds of textile machines, including spindle-hanging flyer frame, comber, sliver lap machine, ribbon lap machine, drawing-lap combination machine, drawing frame, spinning frame and rollers according to the latest technologies in this industry.

Hebei Taihang Machinery Industry Co., Ltd. aims to be a research, development and manufacturing base of textile machinery. The factory is equipped with more than 1,500 sets of machines, international-standard processing centers and numerically-controlled machine tools, whereas 40% of their major equipment are numerically-controlled. Therefore, they are capable of all kinds of processing, inspections and machine-produc-

tions, including precise casting, heat treatment, surface treatment, machine work, measuring and physicochemical analysis, etc. Hebei Taihang participated in Shanghaitex to promote their various products including:

Roving frame model FA421A

Model FA421A suspended-flyer roving frame specialise in advanced and reliable structure, good quality roving and reasonable overall arrangement which is convenient for operation and maintenance. It is suitable for pure or blended processing of carded or combed cotton fibre and artificial fibre. Some of the main features of Model FA421A are as follows:

- ❖ 4-roller (3-roller) double-short-apron drafting system, weight with spring pendulum.
- ❖ Travelling blowing and suction cleaning device.



Roving frame model FA421A.

Wishark Enterprises Ltd offers card clothing solutions to the spinning industry

Wishark Card Clothing Co. Ltd was incorporated on 1962 with an initial role to assist in the creation for high quality card clothing manufacture. Since then expanded its scope of business immensely. Over the years, Wishark card clothing has formed numerous partnerships domestic and has developed its business portfolio under five core areas:

- ❖ Cotton carding and combing.
- ❖ Wool spinning (worsted and woolen).
- ❖ Cashmere dehairing and combing.
- ❖ Nonwoven carding solutions.
- ❖ Wasted fiber cardings.

As the leading manufacturer of card clothing, their product has passed the extreme test from more than 50,000,000 spindles mills and their product is famous for accuracy,



wear resistance, free of start-up and bring the high quality yarn performance. In China and India, they are one of the important suppliers for top ten mills of high quality preference company.


Wishark Enterprises Ltd. with 30 subsidiaries and associated companies with a global network provide excel pre-sales and after-sales service with customized engineering solutions. ♦




The Hebei Taihang Machinery Industry team at Shanghaitex show.

- ❖ Top spindle bar, suspended flyer and spindle bar in the front row is lower than that in the back row.
- ❖ Speed adjustment with curved cone drum.
- ❖ Fine tension adjustment with eccentric gear.
- ❖ Controlled by the programmable logical controller (PLC).
- ❖ Main motor speed adjustment with inverter.
- ❖ Photoelectric auto stop motion for sliver and roving breakage.
- ❖ Three auto doffing actions: stop when bobbins become full; resetting of the cone drum belt; over-lowering of the bottom rails.

Ms. Weiwei Guo, International Trade Department Director, said, "We are a 40 year old company and the leaders in our field of business. Pakistan is a very important market for us. Our equipment is working in many mills in Pakistan. We have sold more than 200 machines in Pakistan". ♦



“
Pakistan Textile Journal is the only technical trade journal for the textile industry of Pakistan published regularly for the last fifty eight years. Readers of Pakistan Textile Journal gain access to latest technological innovations for the textile industry.
Our readers are kept abreast of latest information and news of vital importance to them for making decisions. International trends in yarn, fabrics and garments are regularly reported in our different issues.”



Pakistan Textile Journal
 B-4, 2nd Phase, F-7/1, New S-421,
 Shown Alkhanwala, Shown Street,
 Mohammad Ali Housing Society,
 Karachi-75250
 Tel: 97 21 - 4570514, 4511674, 5
 Fax: 92 21 5205188,
 E-mail: ptj@ptjournal.com,
 1871/www.ptj.com.pk