

## Novelties at Textile Asia 2009

### Almurtaza Machinery Company Pvt. Ltd.

Almurtaza Machinery Company has more than 30 years of experience in the apparel manufacturing industry. During this time the company has witnessed a steady growth, primarily due to timely decisions taken to furnish the garment industry with the most modern machinery, equipment and accessories imported from leading manufacturers across the world.

Consistent planning, professionalism and a proactive approach have helped Almurtaza derive impressive results so that it retains a major share of the market share of the apparel machinery market of Pakistan.

With its head office in Karachi and branch offices in Lahore, Faisalabad and Sialkot. Almurtaza represents more than 40 leading global apparel machinery manufacturers and has a remarkable repute of marketing some of the latest and most technologically advanced apparel machinery in Pakistan.

### Abbas Apparel Machinery Company

Abbas Apparel Machinery Co. specializes in machinery and plant, from spinning to stitching and finishing, for textiles, home textiles and garments (jeans, trousers, shirts, dress suits, ladies wear), knitwear (polo shirts, T-shirts, tops and bottoms), leather garments and leather products, shoes, socks, lingerie, gloves, home textiles, screen printing, crochet machines, needle looms, buildings of steel structures, electrical consultancy and installations, and a wide range of textile machinery, including attachments for spinning machines, and machines for dyeing and printing.

According to Abbas Apparel, "The revaluation of the Chinese and Indian currencies, and the reduction of export rebates in China present a tremendous opportunity to Pakistani exporters to expand or diversify their operations. Pakistan's present share of the world textile and clothing market is only 2%. The keys to survival and prosperity in the apparel and home textiles export trade are automation, value addition and increased volume to reduce per unit overhead costs."

Abbas Apparel can assist its customers by providing factory layouts, information on utilities required, selections and supply

of machinery, both basic and with automation, guidance on all related matters, equipment installation, after sales service, spare parts and training of personnel.

### Atlas Copco Pakistan (Pvt) Ltd.

Atlas Copco Pakistan (Pvt) Ltd is the part of the Atlas Copco Group, A Swedish Company with headquarters in Stockholm. Atlas Copco manufactures and assembles products at more than 50 plants in 23 countries. Manufacturing is chiefly concentrated to Belgium, Sweden, the United States, Germany, France, and China.

The Group has a strong market presence and strives to maintain close and long-term relationships with its customers. Approximately 80 countries are served by wholly or partly owned customer centers. Through a worldwide sales network Atlas Copco reaches more than 150 countries.

According to Atlas Copco Pakistan, "We have been present in Pakistan for over 40 years with our distribution partner, as of today Atlas Copco is the only compressor manufacturer to have their own operation in Pakistan. We are working together with our partners and distributors with the aim of being able to get closer to our customers, and provide service for all product solutions to ensure reliable production and plant operation."

Atlas Copco is a world-leading provider of industrial productivity solutions. The products and services range from compressed air and gas equipment, generators, construction and mining equipment, industrial tools, and assembly systems, CNG Solutions to related Aftermarket and rental.

With 3 offices in Pakistan, covering Lahore, Karachi and Islamabad, the company is able to supply all the information and product support required by the customers all over Pakistan.

### Al Mumtaz International

Al Mumtaz International (A Subsidiary of Mumtaz Group of Companies) enjoys good reputation in the field of computerized embroidery machines and are sole distributors of different

renowned brands, such as Richpeace and Beauty having some of their important products such as Sequin Embroidery Machine, Mix Coiling Machine, Mix Chenille Machine, Sequin Making Machine, Quilting Machines, Laser Cutting Machines and also Software's for Shiffler and Garment CAD / CAM. Al Mumtaz International have successfully marketed approx. 1100 machines to customers during last six years.

### AVM Chemical Industries

AVM Chemical Industries are manufacturers of textile auxiliaries chemicals and sodium silicate. They offer many auxiliaries chemicals for pre-treatment, dyeing, printing, finishing and other special finish agents.

This company traces its roots from the partnership formed with the firm, "Pakistan Chemical Corporation (PCC)" during 1947 in Karachi.

The objective of founding the firm was to become a leading manufacturer and exporter of sodium silicate. PCC was functional till 1979 and Haji Abdul Ghaffar (late) was one of the partners with Pakistan Chemical Corporation (PCC) with excellent technical expertise.

Afterward, Haji Abdul Ghaffar (late), setup his new own business with his technical capabilities by the name of "Abbo Vali Muhammad – (AVM Enterprise)" in the field of chemical trading, with trading of Sodium Silicate and other Textile Auxiliaries, Dyes and Chemicals.

In 1996, AVM Enterprise setup their own industry to manufacture textile auxiliaries. AVM CHEMICAL INDUSTRIES enjoys excellent contacts and relations in the Textile industry of Pakistan and provides high quality textile chemicals and auxiliary products.



AVM Chemical Industries stand at Textile Asia 08.

## Naz International Company

Established in 1973, Naz International was active in paper and pulp industry. In 1999, NAZ made a debut in the textile industry with laboratory testing instruments from ATLAS Material Testing Technology. The Atlas Group is considered as the world's leader in the field of weathering instrument, including Xenon arc Based Weather-Ometers, Corrosion – Salt Fog and Humidity Chambers, UV Condensation devices, etc. These instruments are used in the automobiles, paints, textile, building materials, plastics to test the degradation due to exposure of climatic conditions such as light, humidity/ rain, temperature and gases.

The SDL Atlas Group of companies offers the largest range of textile testing products, supplies, consumables, and services available from a single source. With its own offices in the U.K., U.S., Hong Kong and China, plus agents in over 100 other countries, SDL Atlas is ready to support its customers anywhere in the world.

SDL Atlas have recently presented Hydrostatic Head Tester, Air Permeability Tester and MMT Liquid Moisture Management System at ITMA ASIA in China.

The Hydrostatic Head Tester meets EN 20811 and AATCC 127 testing requirements. Designed for easy use, the new unit provides quick, reliable, and repeatable testing of the resistance of a fabric to the penetration of water under hydrostatic pressure. The tester can be used effectively with all types of fabrics, including those treated with water resistant and water repellent finishes.

The Air Permeability Tester's superior technology measures the air permeability of textile fabrics – including woven fabrics, nonwoven fabrics, air bag fabrics, blankets, napped fabrics, knitted fabrics, layered fabrics and pile fabrics. This new instrument can also measure air flow through slab, bonded, and molded flexible cellular products known as urethane foams. The Air Permeability Tester complies with a number of test standards, including ASTM D 737 and D3574 and ISO 9237.

The MMT Liquid Moisture Management Tester can measure and demonstrate the ability of a fabric to improve apparel comfort. The MMT is recognized and used for both R&D and quality control by a growing number of sportswear and performance fabric manufacturers serving this critically important market segment.

## Electro Dynamics Works (Puma)

Electro Dynamic Works is a family concern that was established more than three decades ago as a service establishment supporting the local industry. Since then it has grown considerably and now they are one of the leading manufacturers of the following equipment.

1. Servo Controlled Automatic Voltage Regulators.
2. Uninterruptible Power Supplies .
3. AC/DC Motors Controllers, Inverters.
4. Rectifier Plants.
5. Battery Charger.
6. Micro Gear Box.
7. High Frequency Corona Treatment
8. Variable Power Supply
9. AC Motors Soft Starter
10. Digital Pane Meter
11. Counter and
12. Varied Range Power Transformer.

The company offers maintenance services throughout the country and is able to handle all types of industrial plant and machinery, covering all aspects installation, service and repair of equipment.

Last but not the least, the company has numerous retail outlets for the sales of industrial electronic equipment and sub-assemblies. The following companies cover the territory of Pakistan and countries in the Middle East comprising of the UAE, Kuwait, Saudi Arabia and Sultanate Oman and Muscat.

1. Power Tech Electronics, Karachi.
2. Space Power Electronics, Karachi.
3. M.R. Electronics, Karachi.
4. Rich Electric, Karachi.
5. Powertron, Karachi.
6. Electro Dynamic, Karachi.
7. Space Power Electronics, Lahore.
8. Space Power Trading Spare Parts, Dubai.



In addition to the above mentioned sole agencies, the company has its own branches and distributors in major cities of Pakistan.

They are also planning to develop facilities at Karachi export processing zone, with plans to produce /assemble a varied range of equipment not only for the Pakistan market, but also for distribution in the Middle East.

The factory at the Export processing zone is already manufacturing and assembling some of these products and during the past few years, they have exported following from KEPZ factory.

1. Inverter (Converter) duly modified upgraded.
2. Automatic Voltage Regulator.
3. Torridly Transformer for AVR,
4. Current Coil, etc.

Electro Dynamic Works also manufacture a varied range of electrical switchgear, Transformer, Rectifier plants and other machinery to specific customer requirement.

Electro Dynamic Works has its own workshop and factory where a large number of electrical and electronics machinery of industrial category is manufactured and repaired. Hydraulic and pneumatic devices are also serviced and repaired. (www.dynamicpowers.com) ♦

## Shaoyang Textile Machinery Co., Ltd.

Shaoyang Textile Machinery Company is a high-tech corporation in Hunan, China. The Company is well known for machines that offer low power and gas consumption with high production capacity which is well suited for the Pakistani customers. With superior After-Sales service and with the help of their agents Alia International, they have sold more than 40 machines here in Pakistan.

### Continuous drying and finishing line

One of its recently introduced machinery is an equipment used for continuous and open-width drying and finishing of woven or knitted fabrics weighing from 200 to 1,200g/m<sup>2</sup> for the purpose of obtaining good hand properties and low shrinkage.

For towel fabrics, loops can be made very natural and a special hand property will be achieved with most ideal natural shrinkage.

## Unique International

Unique International has been in business for last nine years, as an independent company active in supply of quality spare parts for textile finishing machines. In addition to spare parts Unique International concentrates on distribution of integrated solutions for lubrication of high performance production machines for textile finishing and spinning from INTERSPARE LUBRICANTS, spindle tapes / roller coverings from TEXTAPE-ITALY, Pumps for textile uses from PACKO Pumps- Belgium and Flexible Card Clothing from HONEGGER (Interspare Group)- AUSTRIA.

### Interspare Lubricants

The special high quality lubricants, help achieve maximal performance and highest productivity of finishing machines such as Stenters. Some of the products manufactured and supplied by INTERSPARE LUBRICANTS are mentioned here-under:

**PREMIUM HT PLUS OIL:** Stenter chain oil, chain in steamers, fabric conveyor chains, sliding chains, chain in dryers for printed fabrics temp upto 260°C.

**DURATA HT 56-02:** High temperature grease especially developed for stenters chains oil free chain parts (bearings) temp upto 260°C.

**MOLYBDRY TL 5 SPRAY:** Spray temperature dry lubricants especially for width-adjustment spindles temp 550°C.

**STRONGANA MBS12:** Long term grease for plain and rolling bearings, Drying cylinders, calender rollers, sizing dryers, roller bearing in washing, mercerizing, dyeing machines temp upto 160°C.

**STRONGANA MBS 30:** Special grease used in rolling and sliding bearings under vibrations, shock and compressive stress at upto 180°C.

**STRONGANA M12FS:** Roller and plain bearings in industrial plant, textile industry (Stenters, drawing rollers, washers) washing and dyeing machines temp upto 160°C.

**STRONGANA M 9EP:** High pressure grease for rolling bearings in electric motors temp upto 150°C.

**SILKOPEX L50:** Silicon grease used in plastic parts, coupling sockets joints at 230°C.

**PROTEX CE 222:** Corrosion protection for the inner lining of steamers at 150°C.

**SYNTEC PG 220/680 EP:** Bearing of drying cylinders, Calenders dryers, bevel gears and worm gears etc. Temp 180°C.

**ALGERNON HIGH SPEED 18:** High speed grease for open ended spinning turbines, opening and pressure rollers spindle can bearings and belt guide rollers at 150°C.

**ALGERNON EPA SPEED:** High speed lubricants for OE spinning turbines, opening & pressure rollers, OE twin disc bearings.



Interspare Lubricants GmbH.

**AVADA 2FS:** Grease for temperature ranges 20°C upto 120°C.

**AVADA HD 2:** Specially suitable for rolling and sliding bearings under vibrations, shock & compressive stress specially at increased bearing temperature and load. Temp -30°C to +160°C.

**AVADA 2 PLUS:** Can be used for lubrication of roller & friction bearings at normal to high temperature. Temp -30°C to +150°C.

**AVADA 3:** For roller & friction bearings also as multipurpose grease of industrial machines. Temp -20°C to +130°C.

**VEELA NB3000S:** Synthetic special paste for high pressure application. Temp upto 180°C.

**VEELA C PASTE:** Anti size product used in firing & annealing plants, steam boilers, hot gas turbines, exhaust gas & drying plants, screw fitting of extruder heads, return pulleys in electrode kilns/cars, conveyor plants, conveyor chains, etc at 1100°C temp.

**RELABO GBS 130:** Special grease used in mixers, rolling & plain bearings in wet working machines, pumps, washing & rinsing machines spindle bearings at 160°C temp.

**RELABO BE 100:** Special grease used in machine building industry, rolling & plain bearings in the automotive industry at 180°C temp

**STURGIS CHD FS:** Special lubricant used in all chains in textile industry.

**ACCIO GH 75:** Special grease used in rolling & plain bearing in generators, automotive & machine building industry.

**ABRAXAN 95 SPRAY:** High performance grease used as corrosion protection in the textile industry.

### Honegger Kreams Co.Kg (Interspare Group)

Honegger is one of the leading producers of Flexible Card Clothing which has been in the business for more than 150 years. Honegger is focused on the production of all types of flexible card clothings and has excellent reputation for its products in the textile industry. Represented in Pakistan by Unique International, Honegger offers following products.

- ❖ Card clothing for Spinning.
- ❖ Card clothing for Raising and Finishing.
- ❖ Cleaning Fillets for Trutzschler Cards.
- ❖ Fillets for Raising Machines.

Honegger Card Clothings are high quality products, as number of quality checks are carried out throughout the production process to permanently maintain the high quality standard, in accordance with the needs of the customer.

All kinds of card clothing for different uses in the textile industry, for woolen and worsted systems, raising and finishing, high-pile knitting machines, yarn raising machines, as well as for tanners for processing of skins & for other special use and accessories are available for various uses and applications.

### Textape S.R.L.-Italy

Textape from Italy is manufacturer of Spindle Tape/Roller Coverings for finishing machines. The company is equipped to handle the various enquires and a sample book or any other information regarding Textape from Italy will be available at the booth of Unique International.

In the year 2001, the enterprise took the name of T.D.F. Textape S.r.l. and the range of products increased to 35 kinds of bands for recovering rolling of textile machinery.

Currently the enterprise has as a project the ISO certification and an investment led to E-commerce as a commercial support to its 32 Textape distributor's agents worldwide. ♦

## Punto Italiano

Punto Italiano Private Limited deals in the textile machinery from the leading manufacturers from Italy. The company is operating in different fields of textiles, with an indenting machinery business and is parallel export business for yarn, fabrics, textile made ups and other value added products.

The company provide marketing assistance and promotional support as well as consultancy to textile industry. Punto Italiano has a setup of trained technicians and individuals that can provide the desired support on time to time basis as when and where required.

Following Italian manufacturers are represented in Pakistan.

- ❖ CUBOTEX – Yarn dyeing /washing solutions.
- ❖ Rite Spa – Comprehensive winding solutions for yarn dyeing.
- ❖ Sate – Dosing Systems and Automation for the Dye House.
- ❖ Giacomini – Heavy Lifting Systems.
- ❖ ETV – Electronic Automation for the Textile Industry.
- ❖ Gaulchierani – Automation for Filament Spinning and Bailing Presses.
- ❖ Pellizzari – High Quality Wax Rolls for Yarn.
- ❖ Schelling – Metallic card clothings, tops for cotton cards.
- ❖ Comatex - Textile Machinery SRL, Technological Solution for fabric processing.
- ❖ Caru – Machines for sueding, brushing, raising, shearing and Velveting.
- ❖ C & B Tessile – Laboratory Equipment for Fibers Yarn and Fabrics.
- ❖ International Color – Color and Process Auxiliaries for Textile Wet Processing.

## Beijing Kaitian Tech.Co.,Ltd

Represented in Pakistan by Al-Moiz International, the BEIJING KAITIAN TECH.CO.,LTD, established in 1998, lies in the largest concentration of the ZHONGGUANCUN Software Park.

KAITIAN has a strong research team, for computer hardware and software, circuit and structural designing. Their manufacturing programme includes laser stamp engraving machines, laser engraving machines, laser cutting machines, laser marking machines and laser flat bed cutting machines. Widely used in stamp making, rubber engraving, leather and clothing industry, craft gifts, advertising art, architecture model, toy making and many other laser application fields.

## Electromec Engineering Services

Established in 1997, Electromec Engineering services offers different products for all kinds of Industrial Automation. The represent LG (LS) industrial systems to fulfill Pakistan's industry need as inverter, Servo Drive, PLCs, HMI, Software Development, Custom Panel making and as well as complete machines.



Electromec Engineering Services: iP5A.

The main focus is to offer automation for machine manufactures and old industrial machines to optimize performance. With latest technology at very reasonable cost with performance guarantee along with unbeatable backup services, Electromec Engineering Service is considered as one of the leaders in their field. ([www.electromeceng.com](http://www.electromeceng.com))

## Manoukian-Argon

At Textile Asia 2009, Source International will be present with its principals Manoukian-Argon. The products include Plastisol, Water Based and Dry Discharge, Sublimation, Fashion Effects, Glitters, Metallic Foils, Flock Sheets, Screen printing emulsions, chemicals and auxiliaries etc., The Printing Industry has been well-served by Source International with branches in all the major printing centers in Pakistan like Karachi, Lahore, Faisalabad, Gujranwala and Sialkot. Source International provides consultancy in servicing a variety of screen print accessories like Screen Making, Exposures Units, Transfer Printing Machines, Curing Machines Transfer Press (Fusing Machines), Manual Screen Printing Machines, Screen Stretching equipment, etc.

## Source International

Source International, based in Karachi, deals in Digital, Offset, Screen and Flexo sublimation printing, as well as textile dyeing, finishing and printing business. When the garments are supplied to premium stores in the world, naturally the quality of the printing inks has to be of world class. Source International being the suppliers of best quality product fulfills this requirement. Source International introduced Plastisol, Water-based, Solvent-

based, Sublimation and Digital inks for textile and Graphic applications in Pakistan through its principal Kiian S.p.A by Manoukian-Argon brand.

## United Machinery

United Machinery represents manufactures of woven, knitted, home textile and leather garments products, shoe making industry. some of their principals are as follows.

1. **Golden Wheel (Taiwan)** one of the leading manufacturers of industrial sewing machines having complete collection for Garments (Knits and Woven), Home Textiles, Leather Goods and Shoes. GOLDEN WHEEL'S Quality Control and Designing departments are in Japan. All the major parts are also Japanese But assembled in Taiwan.
2. **Jam International (Italy) J.A.M. S.P.A.** is an Italian company with expertise in the engineering and manufacturing of a variety of Automatic industrial sewing machines, and has been sold throughout the world. The most important fields of application of JAM machines are: Jeans, Casuals Shirts, Footwear and Leather goods. The most popular machines for Jeans are Pocket Setters (Fully Automatic and Semi Automatic), Loop Attacher, Pocket Hemming, Feed Of the Arm (With Thickness Sensor), Waistband, Pocket Creaser and Automatic Programmable Pattern Sewer.
3. **Avantec (Italy).** Industrial Washers, Dryers, Ovens, etc.
4. **Pony (Italy).** Automatic Finishing Press and Forming machines (Steam Iron, Steam Generator, Ironing Board, and Garment Press e.g. Toppers, Logger, Universal Press, forming machines etc.
5. **Mitsubishi (Japan) MITSUBISHI IS THE World's famous brand** for Automatic Industrial Sewing Machines, the most valuable machines of Mitsubishi are, Pocket Designing Machines, Pocket Welting Machines, and Bartack Machines etc.
6. **Nippy Kikai, Co., Ltd (Japan);** NIPPY is specialized in Skiving, Splitting, Strap Cutting, Punching, Folding, Hemming, Cementing, Shoes Leather Dryers and Hydraulic clicking presses for making of shoes, bags baggage's, gloves, belts, wallets etc.
7. **Parmel Cad/Cam Technology (Czech Republic):** PARMEL is the most advanced and versatile CAD system for the apparel Industry. Its spearhead technology is a real revolution in CAD/CAM/CIM system for the tailoring industry.

## Ali Industries - Expert manufacturers of overhead cleaners and spareparts of textile mills

Ali Industries is situated in Sheikhpura, which is one of the growing industrial cities of Pakistan, located on the very end of the Faisalabad Road, which leads to the textile manufacturing hub of Faisalabad. Ali Industries is active in manufacturing and sale of overhead cleaners and spare parts of textile machinery. In 1981, they developed the first set of new model high speed suction blower, on the basis of design and absorption blowmaster, according to the National Federation of Textile industries. With serious efforts and continuous innovation, blowmaster has reached the international advanced level of today.

### Overhead Cleaners & Spare parts of Textile Mills

#### Blowmaster 06 Pipe Model R 002(A)

- ❖ Robust overhead cleaning equipment is installed to get best results and to give our customers a satisfied service.
- ❖ 4.00 Horse Power motor ensures an ideally controlled working of drive belt.
- ❖ Two blow pipes are fitted with 10 nozzles for each pipe for sufficient air supply system.
- ❖ 4 suction pipes with a motor are provided for dust collector. The dust collector unit is fitted with a filter.



Blowmaster 06 Pipe Model R.002 (B).

- ❖ 8 feet P.V.C. suction pipe completely sucks any unwanted fluff which would result in best quality of the product.

#### Blowmaster 04 Pipe Model R. 001

- ❖ Robust overhead cleaning equipment is installed to get best results to give the customers a satisfied service.
- ❖ 2.2 Horse Power motor ensures an ideally controlled working of drive belt.
- ❖ Two blow pipes are fitted with requirement of customer nozzles for sufficient air supply for the system.
- ❖ 8 feet P.V.C. suction pipe completely sucks any unwanted fluff which would result in the best quality.
- ❖ A motor is provided for dust collector, the dust collector is fitted with filter. ♦

## Avery Dennison

Avery Dennison Fastener has an international reputation as the industry leader of innovative plastic fastening solutions and invented high efficiency product tagging. These tools continue to set industry standards for quality and dependability, and they are the original inventor of Swiftach®, Elastic Staple™, Plastic Staple™, MicroPin™,

MicroStitch™ and Buttoneer® Systems and offer a wide variety of injection/extrusion molded products. Avery Dennison sells solutions, from tag attaching and brand identification fastener for apparel manufacturers and retailers to specialized fastener for the automotive and loss prevention industries, they offer innovative products that meet your business needs.

Furthermore, the Company can also offer the manufacturers of hard goods, children's toys and DIY Tools, the innovative solutions to minimize packaging waste and make their products more consumer friendly. They also offer a wide range of

hand labelling systems for SKU identification, date coding and inventory control.

## Novozymes – leading innovation in Textiles

Novozymes is one of the world leaders in bio-innovation. Together with customers across a broad array of industries the company is known for industrial biosolutions, while improving customers' business and the use of our planet's resources. Novozymes is the enzyme market leader in the textile industry, helping customers to build new fashions, improve fabric quality and create new technologies. From pre-treatment of fabrics to garments finishing, these innovative and unique enzyme solutions give fabric and garment producers an edge to stay ahead of competition.

## Xsis Apparel Machinery

Xsis Apparel Machinery offers an extensive range of leather and textile processing and finishing machinery, accessories and spare parts. They also represent some of the

leading textile machinery manufacturers for processing and finishing of leather, textiles and textile-related products.

The qualified and technically competent sales staff offer consultative advice and solutions to meet customers' requirements and can propose a wide range of competitively priced machinery and equipment, to assist in improving productivity, efficiency and quality whilst providing the fastest return on investment for capital employed. The Spare Parts Department is available to offer technical advice on replacement spares with a view to ensuring quick supply and minimum machine downtime. Either parts are supplied ex-stock from local warehouse or where parts are not held in stock, the dedicated team sources and orders parts with emphasis placed on the quickest possible delivery at a competitive price.

## Union Commercial Company

Union Commercial Company is active in the import and marketing of textile machinery parts and accessories and especially for textile spinning machinery components. Union Commercial company represents the following overseas manufacturers as their sole agent and stockists cum distributors in Pakistan:

**Wonchang Apron Ind. Co. Ltd.:** Manufacturer of "Wonchang" Brand Rubber Aprons and Aluminum Pressfitted Rubber Cots and Endless Belt and Blower Tape from Korea.

**Sangjin Mactech Co. Ltd.:** Manufacturer of "Lion" Brand Ring Travellers, which are reported to decrease cost of using Ring Travellers against other brands.

**Changzhou Hangyue Textile Machinery Fittings Co Ltd.:** Chinese manufacturer of Original 3-HY Brand Spinning Rings for last 30 years and now changed to '3-H.Yue' Brand due to fake 3-HY brand supply by some trading companies.

**P.T. Kampung Harapan Plastic:** Manufacturer of "DJ" Brand Simplex Bobbins for FI-16 Toyoda, Howa and FL-100 Toyoda from Indonesia.

Union Commercial Company also supplies following components:

1. Original "Jingwei" Spindle D-3203-CE 20.5.
2. Original "HFJ" Brand Top Roller and Needle Bearing LZ-2822 , LZ-3224.
3. Spindle Tape.
4. Plastic Cradle.
5. Bobbin Hanger.
6. Spacers.
7. Fluff Gun.
8. Spinning Laboratory Testing instruments.
9. Spindle Oiling Machine.
10. Stroboscope. ♦