

# **CHINA'S INNOVATION IN TEXTILES**

#### New Field of Textile Technology

focus their products around the theme as Taiwan's and Japan's patents. of "China's innovation" to display their new achievement, new knowledge and new horizons in textile science and technology.

#### • Sunfeng Textile Co., Ltd.

fabrics expert and supplier. With their Huayang group is a dedicated continuous investment in innovative modernized, intelligent and green mill research and development, they providing high-quality services for highare proud to present their products end apparel brands. including nano-fiber membrane and a new generation of graphene material, subverting the general knowledge about textile fabrics.

#### Xingfengqiang Textile Technology Co., Ltd. (XING-TEX)

enterprise devoted to the development fashion and leisure, entry lux business of new functional fabrics such as wear for men and street fashion. waterproof and moisture permeable outdoor fabrics, 3D waterproof fabrics for Booth N814.

## THE LYCRA COMPANY

#### The Best Business Partners

supplier – much more, they want to be a business partner, helping you to corporate and personal objectives.

of garment industry innovation, they offer a wide range of business support - commercial, marketing, technical, supply chain/sourcing-related and more.

they have patented since have been That's a lot of firepower at your disposal. scientists, engineers and textile industry their supply chain. other segments.

(with LYCRA<sup>®</sup> Beauty technology); they Product Sustainability. helped big names such as Lululemon grow the yoga segment (with LYCRA<sup>®</sup> Booth M920. Black for leggings); American Eagle

functional and high-tech fabrics such waterproof fabrics for down garment has developed in the field of spinning. or black light. The changed colour as thermal storage and antimicrobial successfully obtained Chinese invention Lumifilo<sup>®</sup> is a phosphorenscent fiber. turns back to white gradually when the fabrics. Four hi-tech textile exhibitors patent and utility model patent, as well It absorbs light energy from sunlight, sun light does not hit it. JOINER® is a

#### Huayang Group

Integrating the operations of hightech fiber research and development, ultra-fine fiber weaving, eco-friendly dyeing and finishing, polymer film Sunfeng is an outdoor functional manufacturing and fashion design,

#### Brolin-Tex

Brolin-Tex has been focusing on the development and production of functional fabrics for 11 years, leading to a perfect integration of fashion and functionality. Its products can be used Xing-Tex is an innovative textile for professional outdoor sports, urban

For more information, please visit the

#### hat means being more than a fiber Outfitters outperform the denim market (with LYCRA<sup>®</sup> dualFX<sup>®</sup> technology); they recently launched LYCRA<sup>®</sup> FitSense™ be successful, helping you achieve your technology enabling C&A or Maidenform to introduce garments featuring an After 60 years at the leading edge entirely new zonal shaping technology.

1,000 registered patents and patent applications and over 2,300 registered trademarks. Their innovation pipeline They have been the "X factor" of the is fast-moving – 70% of the products apparel industry since the 1958 launch in their current portfolio didn't exist in of the LYCRA<sup>®</sup> fiber that replaced rubber 2010. They have more than 100 PhDs formed to develop and commercialize By partnering with brands, they offer

They have been a driving force business and is anchored on three to implement.

# **FUJIBO HOLDINGS**

Functional Fibers - Making an Idea into Reality Through Fibers

At TITAS 2019, Chinese textiles down garment and 3D air fabrics. After 18 months of efforts, the company's 3D FUJIBO HOLDINGS found a new pink to respond to ultraviolet rays(UV) fluorescent light or other light sources, meltable polyamide fiber. By applying and then emits a light in the dark heat the heat-adhesive nature of this for many hours. Thermofilo<sup>®</sup> is a fiber will guarantee a strong bond thermochromic fiber. It can change with other materials. Rose petal<sup>®</sup> is colour to respond to temperature. a processing to impart smooths and Basically the colour is darker in low soft for a long time. Disnoticed<sup>®</sup> is a temperatures and changes to a brighter processing to impart sweat prevention colour in high temperatures. UV Magic<sup>®</sup> function while keeping softer. Please visit is a photochromic fiber. It can change the Booth M335.

**HEIQ MATERIALS AG** 

Differentiate & Innovate in a Sustainable Manner

scientific research, specialty materials network consists of over 40 PhD's. manufacturing and consumer ingredient product of textile.

HeiQ has a global presence with optimal comfort and performance. China, Hong Kong, Iberia, Taiwan and Booth M609. the United States. HeiQ's manufacturing

eiQ develops and manufactures sites are located in Switzerland, Australia and USA. To meet global manufacturing Founded in 2005 as a spin-off the Swiss needs, HeiQ also has manufacturer and Federal Institute of Technology Zurich distribution partners around the world (ETH), HeiQ is a three-in-one company: in all continents. HeiQ's global research

HeiQ Smart Temp keeps you cool and branding, all for one purpose - to comfortable. This revolutionary product improve the lives of billions of people offers dynamic cooling for optimal by sustainably perfecting the everyday cooling performance. It is activated by rising body temperature and deactivated Headquartered in Zurich, Switzerland, once cooling is complete, which ensures

subsidiaries in Australia, Shanghai For more information, please visit the

# They have a unique portfolio of over INTRINSIC ADVANCED MATERIALS

Environmental Protection of the Latest Textile Technology

ntrinsic Textiles Group, LLC, was textiles.

landfills due to discarding of unrecycled visit the Booth M1332.

in foundation garments. Many of the and top-flight scientists working at the sustainable, closed loop solutions a biomimetic approach and sustainable hundreds of fiber and fabric innovations frontiers of fiber and fabric technology. for textiles. Their team is made up of solutions for them to easily integrate into

truly ground-breaking, revolutionizing They are a leading corporate citizen veterans who are outdoor enthusiasts CiCLO<sup>®</sup> technology allows plastic intimate apparel, hosiery, swimwear, of their industry. Since 2008, they and feel passionately about protecting based fibers like polyester to biodegrade denim and active sportswear among have a robust sustainability program, their planet. They seek to develop more like natural fibers in marine that touches every aspect of their solutions that are easy for the industry environments, wastewater treatment anaerobic digesters, soil and landfill behind the creation of profitable new pillars: 1/Corporate Responsibility, Their first product named CiCLO<sup>®</sup> conditions. Ultimately, textiles embedded categories such as shapewear in 2000 2/Manufacturing Excellence and 3/ (translates to cycle), is a patent pending with CiCLO<sup>®</sup> become valuable sources of textile technology that reduces synthetic soil matter and biogas, which is captured For more information, please visit the microfiber pollution caused by washing, for energy at wastewater treatment and minimizes plastic accumulation in plants and modern-day landfills. Please



# **INSTITUTE (TTRI)**

The exhibition of TITAS 2019 will be inspection technology. based "Intelligent Navigation and • Environmental Sustainability areas.

#### Smart Function

exhibited on this area, including binonwoven, fine denier metallized yarn, • Value-added Service interactive textiles, dynamic EMG design garment for rehabilitation.

#### Digital Manufacturing

digital dyeing, smart manufacturingdemo site for dyeing, intelligent energysaving dyeing system, fabric / fiber image analysis solution, and textile digital

# **TAIWAN GARMENT INDUSTRY** ASSOCIATION

#### Presents the Best of Taiwan's Garment Industry

forward works of nine members to Shyang Industrial. exemplify the fashion glamour of Taiwan and the innovation of astheisure.



Booth N302.

# **TAIWAN TEXTILE RESEARCH**

## Intelligent Navigation and Digital Circularity

component splitting micro-fiber dyed yarn, and circular textile flow.

protective textiles and smart thermostatic technological advantages. textiles, pilot machine of single spindle platform & textile academy.

Booth N102.

# **TAIWAN WOOL TEXTILE INDUSTRIAL ASSOCIATION**

Showcase a Wide Range of Functional Products

stablished on March 22nd, 1953, wool textiles (for men and women's wool The Taiwan Wool Textile Industrial fabrics), woven textiles (wool fabrics for Digital Circularity" to organized four Sustainable textiles are exhibited on Association has over 66 years of history. men and women), stretch lycra fabrics, this area, including high energy efficiency Their mission is to focus on international anti-bacterial shrink-proof fabrics, blended blind and shade textiles, low melting trade agreements to improve their wool fiber, fancy twisted yarns, blankets, Functional and smart textiles are point hot melt fiber, fluorine-free water relationships as well as their common knitted yarns, woven yarns, point yarns, repellency fiber, fluorescent solution interests. In recent years, their woven yarns, point yarns, woven fabric, association actively communicates the knits, cotton, linen, jacquards, denim and relevant government laws and regulations other fashion fabrics, industrial nylon for This area displays testing and and strengthens their interaction with handbags, garments, hats and shoes, of compression sportswear, and smart evaluation technology of safety the academic sector to enhance their Tetoron and paper print fabrics, UPF 50+

Products from its members are diverse Recycle PET bottle fabric & bamboo The demonstration of area includes air texturing yarn, and Thet of information in range and excellence in quality, charcoal shirting fabrics, waterproof including wool top, carbonized wool, anti- emollient soft sheets, 3-layer and 2-layer For more information, please visit the shrink loose wool, wool yarns, garments, fabrics, TPU textile adhesives, colored worsted blended yarns, sweaters, down yarns, functional textiles, and more. worsted blended wool yarns, worsted Please visit the Booth N620.

# SOUTHERN TAIWAN TEXTILE **RESEARCH ALLIANCE**

#### A Joint Show to Present Innovative Products

takes an active role in promoting the fashion garments, including Minkwood Alliance has been committed to the collaborations during the Show. industry by consolidating the strengths International, Li An Garment, Texma mission "Combining the resources They are: Nan Pao Resins Chemical, the transformation of business operation Science and Technology. For more information, please visit the for industry's sustainable prosperity."

11 Alliance members will jointly exhibit Booth N213a.

Leaded by Chairman Lin Rue-Yue, Some companies showcase their Cince its establishment, the their latest R&D results at TITAS 2019, Taiwan Garment Industry Association brands products highlighting Taiwan's OSouthern Taiwan Textile Research with an aim to seek more cross-sector

& moisture wicking Q-Dry shirting fabrics,

of the members and joining forces with International, Amiti JC Textile Co. Ltd. from the government, academic and Xin Chang Hua International, Cheng numerous outside sectors to develop Additionally, some companies present private sectors to encourage alliances Mei Label Mfg. Corp., Junmay Label smart textile products that open up a the strength of Taiwan's active wear and collaborations for innovative Mfg. Corp., Perfect Defense Technology, brand new era for the garment industry. and sportswear, such us TSW, Tex-Ray, technologies, to enhance the R&D HerMin Textile, Caliphil Enterprise, Yessing For TITAS 2019, the association brings Piero Pacco Textile, Hansc & Co., Feng strength of the industry, and to accelerate Machinery, True Young, Tohitomo, Zhanyi

For more information, please visit the



# **TAIPEI INNOVATIVE TEXTILE APPLICATION SHOW** 2019台北紡織展 OCTOBER 7-9

# **TITAS 2019 Innovations and Values for Textile Industry**

the Bureau of Foreign Trade, Ministry of Economic Affairs, Taipei Innovative Textile Application Show (TITAS) holds its grand opening today (October 7<sup>th</sup>) at Taipei Nangang Exhibition Hall. To show the support of the government to the textile industry, Deputy Minister of Economic Affairs Mei-Hua Wang and Deputy Minister of Culture Lien-Chuan Lee attended the ceremony with Cheng-Tien Chan, Chairman of Taiwan Textile Federation, William Wang and Douglas Hsu, Honorary Chairmen of TTF. Approximately 150 guests attended the opening ceremony, including Kihak Sung, Chairman of International Textile Manufacturers Federation (ITMF), Vu Duc Giang, Chairman of Vietnam Textile and Apparel Association (VITAS), Jia-Chang Cao, Chairman of the China Chamber of Commerce for Import and Export of Textile and Apparel (CCCT), special guest Chin-Feng Chen, former Major League Baseball player, along with members from associations representing various segments in Taiwan's textile industry.

In his opening remark, Chairman Chan states that TITAS enters its 23<sup>rd</sup> edition this year. Total of 423 exhibitors in 1,058 booths from 12 nations / regions will be attending this

Organized by the Taiwan Textile Federation the largest in scale. He also expresses his appreciation for the collaboration of Taiwan of sustainability Sewing Machinery Association and Taipei Sewing Machines Association for the event. manufacturing and Deputy Minister Wang also points out that optimism in finding textile is the fourth largest foreign currency earning industry for Taiwan. More than a materials at TITAS this hundred representatives from international year. outdoor and sports brands make their presence at TITAS this year in more than a thousand business meetings. She is optimistic that TITAS will be an excellent opportunity to build business for the participants. Furthermore, Deputy Minister Lee remarks that, as a part of Taipei Fashion Week organized by Ministry of Culture that takes the theme of "NOWism", TITAS highlights the idea that now is the future for Taiwan. It's an excellent opportunity for the world to see the beauty of Taiwan's soft skills.

Douglas Hsu, Chairman of the Far Eastern Group and the Honorary Chairman of TTF, states that eliminating waste and recycling to produce textiles for circular economies has over the world. Kihak Sung, President of ITMF, is also the President of Korea Federation of Textile Industries (KOFOTI) and the Chairman competitive advantages. of Youngone Group from Korea. Youngone Group has collaborated with Taiwan's spectacular event, making this year's event suppliers for over 40 years. He expresses his



Sponsoring Authority







and intelligen more innovative

After the opening ceremony, Deputy Minister Mei-Hua

Wang, accompanied by TTF Chairman Cheng-Tien Chan and Honorary Chairman Douglas Hsu, visited exhibitions by leading companies in textile industry, including Formosa Plastic Group, Far Eastern New Century, Makalot area showcases the latest trends with the Industrial, Lealea, Eclat Enterprise, Yi Jinn Industrial, OSHIMA, Tex-Ray Industrial, Tainan Chemical, SingTex, and more. Deputy Minster Wang encourages the textile industry to special event area allocated this year with 11 continue the development of technological applications and maximize innovative capacity become the consensus among buyers from all to energize industrial economy. She also emphasizes the government's continuing support to help the industry build up its overall

of Functional Application, Sustainability, Smart





Textile, and Intelligent Manufacturing and presents the latest innovation from Taiwan's textile industry as well as high performance sewing facilities for Industry 4.0. A special themes of "Solution Provider" and "Micro Factory" to underscore how the use of digital Spinning, New Wide Enterprise, Everlight transformation will help creating values for the textile industry. In addition, there will be a events, including New Chapter in Functional Garments, Sustainable Technology and Fashion, Digitalized Production and Intelligent Weaving, and more.

Taiwan Textile Federation cordially welcomes your attendance. Please visit TITAS TITAS 2019 focuses on four main themes to see the transformation and opportunities in Taiwan's textile industry!









#### MAKALOT Live No Limit

**D**iversified in business and strong in pattern, and made with patented Dat innovation, Makalot leads the conductive material plus body sensors. garment industry for years and strives By applying AloT technology, their smart to explore the possibilities of clothing. clothing responds to the needs from The series "Live No Limit!" presents fitness and sports to health monitoring, Athleisure movement in its finest form, helping you outperform in exercise and combining ultimate performance feature enhancing your quality of life. and exquisite design detail. Makalot will showcase the integration of sportswear and fashion, 3D garment design and wearable technology to cohere with TITAS 2019's focuses: Functional Applications, Sustainability, Smart Textiles and Smart Manufacturing.

#### Live No Limit! A Perfect Combination development. of Style and Performance

Sports come more into daily life than ever. The boundary between outdoors and cities is now collapsed by the style of Urban Active: exercise is your way of life instead of an item to be checked on the list. The series can be divided into street style, outdoor and urban wear. Suitable for multi-occasions, easy for storage, adaptable in size, and data-smart, their clothing for future is designed to match your lifestyle.

#### Makalot Smart Clothing

Being smart is the unstoppable trend changing fashion industry. of performance wear. Makalot develops For more information, please visit the smart wear that is comfy, customized Booth M419a.

# SINGTEX

Turning Waste into Gold, Creating New Value for Textiles

earth", SINGTEX developed in 2009 advantages. coffee grounds. During the process, Booth M409a.

Welcoming its 30th anniversary, the company has also extracted coffee oil from coffee grounds to developed on "running a business that warms P4DRY™ printing technology, AIRMEM™ the heart". Recognizing the impact of waterproof and breathable coffee rapid climate change on the survival of membrane, and AIRNEST<sup>™</sup> eco-friendly human beings, SINGTEX has invested foam, all providing functions to make hugely in establishing a pioneering wearers feel comfortable under various R&D center and high precision eco- weather conditions. STORMFLEECE™, a dyeing center. By adopting solvent- green and single-layer woven fleece from free dyeing and finishing process and the company, features wind breaking, waterless yarn dyeing technology, using water repellent and heat retention. power-saving equipment and water- Boasting slowing down the release saving dyeing machines, installing smart of micro plastic fibers into oceans. long-lasting odor proof and anti-UV processes. Through GRS-certified grid and sewage treatment system, SINGTEX is devoted to giving a healthier features. and shifting from fossil fuels to natural and more comfortable future to human GrandeTex's RICH-y<sup>®</sup> yarn is and colored before spinning, no further gas, SINGTEX is a paradigm among beings by developing high quality textiles already successful and widely dyeing is needed. The process saves Taiwanese manufacturers of eco and with environmentally friendly materials. received as its anti-bacterial, odor more than 80% of water consumption functional textiles, with its products and Meanwhile, the company is calling for proof, and anti-UV qualities are and cuts down carbon emission by technologies approved and confirmed by attention to and respect for intellectual embedded during the production 18%. GrandeTex combines the yarn OEKO-TEX<sup>®</sup>, GRS and bluesign<sup>®</sup>, as well property rights so that both individual process instead of using additives, with DuPont bio membrane to produce as its ownership of 35 global patents. companies and the industry can increase therefore more long lasting and would 2 and 3 layers' functional fabrics with Believing in "no absolute waste on positive energy and enjoy sustainable not create further pollution. When waterproof and emollient features,

Digital Solutions---3D Fashion Design

sewing patterns, bust forms and

fabrics into online data, and forms a

digital collaboration platform, enabling

immediate response and revision, and

optimizing the process of garment

A crossover of sustainability and

functionality is created through combining

natural and synthetic fibers. Natural fiber

as it looks like, the new mix is functional,

durable, and is sure to be their next hit on

Evolving in time and daring to

innovate, Makalot always responds to the

need and desire for clothing with passion

and quality, and is recognized as the best

integrated service provider in the ever-

Mixing and Blending of Materials:

clothing material.

ustainability X Functionality

3D technology transforms conventional

### **LIBOLON** Promoting Green Recycled Fiber Products

safety, LIBOLON will showcase hand touch and fast delivery, making it a green products including RePET<sup>®</sup> prior choice of global brands. vision

LIBOLON extended its product visit the Booth M608.

## **TEX-RAY** Eight Functional Fabrics to Meet All Needs

production bases and offices located down the temp approximately 2~5°C for in North America, Africa, China and a cooling sensation to users compared to South East Asia, is prominent for the traditional polyester fiber. textile...etc.

routine maintenance.T-Cool<sup>®</sup> yarn Booth M511a.

# GRANDETEX

#### Showcasing the Recycled Nylon Solution Dye

in the company's signature RICH-y<sup>®</sup> value-added choices.

necessary. Now GrandeTex offers Please visit the Booth L828.

#### ▲ t TITAS 2019, in response to the lines to step into the categories of hi-tech **A**global issues such as climate knitted fabric and yarn dye. Its nylon yarn change, natural resource depletion, dye is produced via automated process industrial pollution and product with benefits of high color fastness, good

eco-friendly recycled polyester yarn, Celebrating LIBOLON's first step ReEcoya<sup>®</sup> recycled dope dye yarn toward its overseas expansion, at TITAS and NylonPlus<sup>®</sup> recycled nylon yarn 2019, the company will present a variety based on the concept of circular water of diverse products which interpret the economy with high criteria and new way it moves towards a sustainable enterprise. For more information, please

ex-Ray Industrial Co., Ltd, the can block 70% of the sun's rays (NIR) textile conglomerate with global and UV lights while effectively dropping

unprecedented vertically-integrated T-Hot<sup>®</sup> yarn absorbs the sun's rays supply chain service from design, and other light sources and transforms R&D, functional yarns, fabrics, into a proprietary smart thermal laminating to garment and home system, which can generate, retain and recycle the heat to warm up the T-Cool<sup>®</sup> and T-Hot<sup>®</sup> are the temp approximately 3~5℃ effectively reinforced functional yarns developed compared to traditional polyester fiber. by Tex-Ray's R&D team after years Tex-Ray has re-branded and coordinated of efforts with better cooling and all the technologies such as T-Hot<sup>®</sup>, thermal properties than most finish- T-Cool<sup>®</sup>, Dryswitch, Ecolor...etc. into 8 processed products. Both yarns are categories of RAY's series to fulfill all the extruded with additives of cooling and needs from different user scenarios and thermal chemicals respectively for customers making ODM for a one-stop prevailing durability after laundry and shopping experience. Please visit the

or TITAS 2019, GrandeTex targets another alternative - RICH Spun yarn. on recycled PET bottles and adds These yarns are cost-effective, high

to create the eco-friendly yarn — the Another product highlight is Recycled ECO-RICH-y yarn. In addition to being Nylon Solution Dye Yarn that is eco-friendly, it is also equipped with made with scads from the production process, the scads are melted, filtered, blended with other polyesters or perfect for outdoor brands that seek for its exclusive S.Café<sup>®</sup> yarn, made from For more information, please visit the nylon yarns, no further additives are eco-friendly and functional products.



# **SUNNY SPECIAL**

more technological finishing coping with 340 trips to the moon. any emergencies.

protection. Sustainability has always products. Since 2011, they have already saved Booth M928.

# **ERICTEX** SUNMOR: Hyper Ventilated UV Blocker

**C** UNMOR is a game-changing fabric a smart solution to moisture management wicking and anti-odor abilities.

infrared radiation by utilizing special yarn every color available. Moreover, it's permanent.

certified inspections, SUNMOR qualifies Booth L1228.

# **TUNG HO** Functional Spun Yarns and Filaments

Especializes in development and dye polychromatic yarns. Their main only offer variety of textiles for customers fabrics and nano high-strength fabrics. production of functional spun yarns and products include general fiber products, to choose from, but also customize Environmentally friendly and dedicated filaments. Their R&D Center was founded drirelease, compound functional, SIRO, products to fulfill customers' needs. to the earth, 2019 Chung Ming Textile in 2019 to advance the development of and Sustainability series. Among these, higher pilling fibers, mixed woven yarns, drirelease, compound functional, SIRO functional fabrics, using this highly polyester brand Repreve, with utilizes the compound blended yarns, and superfine and Sustainable yarns are their focus high count yarns.

functional yarns that with natural tenacity, Booth L631a.

# **ZIG SHENG**

#### All-Round Protection Provides the Best Solution

The latest progress is their water important. "Reliable, durable and comfortable reclamation system which can purify And Zig Sheng does it through Sheng's commitment in fulfilling its social protection" is the topic of Sunny Special wastewater to continuously use in all development and production of bio- responsibilities. for TITAS 2019. They can provide of their manufacturing process. Sunny friendly materials, professional recycling

the best solution to customers based Special has devoted a massive amount systems, production of spinning grade latest products for TITAS 2019. In line on their requirements whether it's for of resources in innovative technology nylon chips, and development of of the market trends, buyers will for weather protection or professional to ensure their consumers get the best customized products in accordance to sure be focusing on textile products that

ability with great ventilation, moisture- performance. Furthermore, SUNMOR's anti-odor technology stops 99% of odor-and other materials are so harmful to fabric structures and fiber treatments. TITAS 2019 Erictex presents - causing bacteria. It is way easier and the ocean and the ecology, Zig Sheng 3.A new direction to reuse waste SUNMOR, a multifunctional UV blocking more efficient to wear SUNMOR than it is is firmly committed to do its share. Its materials from the sea such as fishnets. fabric. It protects skin from 98% of the to use sunscreen. Last but not least, they material reuse, re-production, textile and For more information, please visit the sun's harmful rays and blocks out 75% of ensure a premium soft feel and have and structure. This sun-blocking ability TITAS 2019 Erictex is proudly to

not only helps prevent skin damage and present SUNMOR as well as other aging but regulates body temperature. present SOUNIOR as well as other comfortable, strong yet functional fabric in CHUNG MING both knitting and weaving. They provides Air ventilation is the key to comfort. recycled fishing nets and waste fiber That's why SUNMOR is lightweight and fabric to support sustainable design, also offers air permeability >200CFM and offers themes like Ultra Light, Comfort unidirectional moisture transport. Through Zone, Free Movement. Please visit the Textiles built a strong developing commemorative collection of Da-Jia-Ma

product lines. For TITAS 2019, Tung Ho presents its For more information, please visit the

## people who live in 21<sup>st</sup> century have 2 billion bottles water, which can fill in **7**ig Sheng highly values comfort for standards (Global Recycled Standard). T to conquer plenty of threats from our 106 swimming pools. 5,796 MWh of Lwearers in its functional textiles, Scraps, wastes, recycled garments and

Creating a Better Green Future

surroundings, such as rain, wind, and electricity, which can provide a family because, for Zig Sheng, apart from fishnets are reused. And the production UV. Functional clothing are no longer with 1,150 years of electricity. 63,286 seeking environmentally friendly materials processes of nylon chips and fibers all specialized for outdoor, our daily life need tons of CO<sub>2</sub> emission, which can travel with diversity in functionality, safety and meet very stringent standards. Also, environment sustainability are equally the efforts to save energy is more and

client's needs. Recycled fibers from emphasize sustainability. It's focus on been an important part of the company. For more information, please visit the the company has a wide range of recycling and reusing waste materials and applications, including apparels, home developing recycling technologies reflect accessories and linens, packaging this trend and its effort to protect the materials, outdoor and camping gears environment. and industrial plastics.

In response to the rising awareness on environment protection, the initiatives and sports wear becoming blurry, fibers of the textile industry to promote green and fabrics must fulfill consumer's needs Sthat provides UPF 50+ UV blocking and has top quality moisture-wicking procedures and processes, and the for multi-functional products. awareness waste plastic bottles, fishnets 2. Temperature-adjusting feature in woven fabrics have all met the GRS v4.0 Booth M806.

#### Focusing on Functional Fabrics

team; with the newest technology and hats.

feel performance. With embroidery and the Booth M1102.

stablished in 1988, Chung Ming exclusive graphic design, it is worthy of a

more efficient. These are all part of Zig

Zig Sheng will be showcasing the

Focus of Product Presentation

1. With the lines between leisure wear

equipment, they expanded to various They specialized in developing several products in different industry. Their of functional fabrics, so far they have textiles are mostly for sport apparels, variety of high-elastic fabrics, hydrophilic sport equipment, shoes, hats, medical and hydrophobic fabrics, anti-bacterial stablished 66 years ago, Tung Ho excellent touch, low hairiness, and single products, furniture, and etc. They do not deodorant fabrics, anti-UV/IR resistant This company innovate variety of promotes the US Unifi yarn recycling functional, anti-stain white mesh diversification of tissue mesh to produce fabric, with firm, breathable, soft and diversified fabrics and apply them to comfortable, skin-friendly and good hand sportswear and shoe fabrics. Please visit

### **OSHIMA** AI Intelligent Production System

SHIMA is one of the leading automatic production processes, Uenterprises that successfully traditionally labor intensive textile incorporate AI applications and digital industry shows agility from synergy intelligent manufacturing in garment with technology. Artificial intelligence, production. At TITAS 2019 OSHIMA big data, and digitalization are utilized will present its intelligent spreading to increase production flexibility so system - a system that carries out the production lines can fully respond sourcing, burling, fabric relaxing, to short lead time in orders and meet shrinking, spreading, cutting, pressing, the order deadlines quickly. Advanced fusing and heat transferring, inspecting, production facilities link up the ironing, packing, needle detecting, and production value chain and result in packaging all in one stop.

By AI digitized intelligent manufacturing For more information, please visit the facilities and continuous efforts to Booth L118.

# **SHIMA SEIKI**

#### KNITify the World – Smart Solutions in Textiles

CHIMA SEIKI MFG founded on the can enjoy a range of benefits like never Odevelopment of the world's fully before. automated glove knitting machine, they SDS-ONE® APEX4 design system have continuously challenged them to which offers complete solutions in develop innovative technology under design and programming, realizes 3D their corporate motto ever onward.

Based on SHIMA SEIKI's pioneering high resolution. flat knitting machine technology, WHOLEGARMENT<sup>®</sup> is the world's seam- SEIKI booth, and hoping everyone can free knitwear. Each WHOLEGARMENT<sup>®</sup> have a great experience during the product is knit in three dimensions in Exhibition, please visit the Booth L618. one entire piece, meaning customers

#### **TSM** Provide Integrated Automation Services

TAIWAN SPREADING CENTER was constantly changing, the force applied established in 1988. The company's to the blade is also increased, which core businesses are mainly production of often leads to damage of tools. These cutting equipment in garment factories. damages result in increase in product They focus on the world market scope, defect rate. With the help of this new so TSM provides integrated automation technology, the LFC system cuts and and intelligent services, and has become detects the force applied to the blade a changer who leads the market.

The TC-7000 automatic cutting the cutting angle to reduce the pressure machine is a device that replaces load on the blade to help ensure that the traditional manpower. The operation cutting angle of the blade is straight. And is simple and solves the problem of the product size is the same from top to passing down experience and expertise bottom. to the work force. Because the thickness For more information, please visit the and hardness of the fabrics are Booth L203a.

# **NEW WOOSUN**

Offers Totally Customized Services

from their worldwide customers.

To serve more overseas Taiwanese visit the Booth L810.



better professional and flexible services.

virtual simulations at high speed and in

They sincerely invite you to SHIMA

in real time, and automatically adjusts

# **TOYOBO (TAIWAN)**

Revolution of the Garment Industry

process from design and development leads to the rise of micro orders. with Hsuan Chuang University, which and new strategic models of production. consumers and create unforgettable Booth L517. dressing experience for them.

t TITAS 2019, TOYOBO (TAIWAN) In face of the fast-changing consumer Awill offer a brand new production market, the garment industry encounters model. They will provide one of the most increasing demands for customized powerful and complete digital solutions in products and services as well as the field by demonstrating an automatic shortened product delivery time, which

**K** Highlights of Exhibition

to production and delivery, covering Adhering to the company motto "Computerized pattern designing, 3D "Contributing to the realization of a clothing simulation software, Digital sustainable society through the provision fabric printing, Auto cutter with contour of products and services that will create cutting function, Automatic template a wealthy mind and life for people", sewing machine". They will also display TOYOBO (TAIWAN) is ready for the AR works, the result of cooperation future with new concepts, new designs

will facilitate their partners to attract For more information, please visit the

# SHING LING All Made in Taiwan

stablished in 1989, Shing Ling certified with ISO9001, 2015 Rev, and Sewing Machine is one of the most Europe CE recognitions and received manufacturers in Taiwan, producing a full national Taiwan Excellence Award in range of high quality industrial sewing 2012 as well as national and overseas machines under "SHING LING" and patents. "Accor" brands.

machines are FG-666 series flat-bed 3-needle 5-thread interlock machines, FW-777, SL-2700, SL-2800 series feedup-the-arm 3-needle 5-thread interlock machines, VG-898, VG-999 highspeed cylinder-bed 3-needle 5-thread and equipment and fully support interlock machines, newly-developed their customers both in hardware SL-800 series 4-needle 6-thread feed- and software and jointly establish sealed front cover to block oil splashes, dual differential feed ratio regulators best suited for various kinds of knitting the current competition and grow further. fabrics, SL-1790 S (L) computerized button holing machine.

All of their machines have been

This company observes No-Quality-

Their mainly in-housed made sewing No-Sales principle and Permanent-After-Sales Service commitment. Prospecting to the trend of automation and labor cost saving for end users' garment production, they will focus on developing automatic sewing machines off-the-arm flatseaming machines with their cutting-edge factories which will built-out looper take-up device, fully- boast of high quality productivity and environmentally-friendliness, all of their efforts will help their customers survive For more information, please visit the

Booth L104.

## **TA KING** Specializing in Sewing Machines

Ta King Industrial emphasize on the to create only the best, and they never concept of positive, innovation, stop developing more efficient sewing high quality and corporate image, also machines and supply topmost services stablished in 1976, based on the clients, they had established their service have been the leading manufacturer of for customers. The main products for motto of excellent service, NEW centers in Vietnam and Cambodia. NEW industrial sewing machines in Taiwan. this exhibition this year at TITAS 2019 WOOSUN serve customers with top WOOSUN has more automatic sewing For more than 50 years, Ta King has are TK-138(Shell Stitch) / 158(Blanket quality PEGASUS, BROTHER, and and folding / bagging units, sorting been exporting 220 of machine types to Stitch) TK-255D(Cup Seaming Machine KANSAI SPECIAL industrial sewing & hanger system to fulfill customer's nearly 80 countries. Their rich production with Direct Drive Servo Motor) TKmachines. Their supreme service demands. Hence they can promote the experience and extensive sales network 927DSM / 928DPL(2 / 3 Needle Feedof good price, on-time delivery, and products with high producing efficiency have created the successful reputation Off-The-Arm Double Chainstitch Machine overseas machine maintenance & and low producing cost. It means they of TAKING brand machines throughout with Direct Drive Servo Motor) TKseminar have received top feedbacks can get more success on the worldwide the world. Innovation, professionalism 300U-1CS(for Mattress Tape Edge), etc. market. For more information, please and efficiency are their philosophy. Their For more information, please visit the staffs have collaborated with great efforts