

SPECIAL INTERVIEW WITH MR. KAMOL PHICHITSINGH

Lucky Spinning's "Leadership Project" : Pioneering the Future through VORTEX



Mr. Kamol Phichitsingh, Managing Director & CEO of Lucky Spinning Co., Ltd.



Lucky Spinning Co., Ltd.
Bangkok, Thailand

Lucky Spinning was founded in 2003 as the spinning division of the Lucky Group, which is one of Thailand's leading textile trading companies and has over 70 years of experience in the textile industry. It employs around 1,000 people, and produces a wide variety of yarns, including rayon, cotton, and blended yarns (cotton / polyester / rayon), as well as denim, core spandex, core filament, fancy and other value-added yarns. It produces 3,200 tons of yarn per month, which is sold in Thailand and over 40 countries around the world. The company's annual sales are of \$65 million.



<http://www.lopil.com> or
<http://www.luckyspinning.com>

On May 29, the Bangkok Bank in Thailand witnessed the signing ceremony of a major project. Lucky Spinning Co., Ltd. plans to acquire 106 VORTEX spinning machines under their "Leadership Project". Why did Lucky Spinning decide to make such a large-scale investment? What are they expecting from VORTEX? We spoke with Mr. Kamol of Lucky Spinning.



- What kind of product are you developing with the VORTEX spinning machine?

Mr. Kamol In 2007, our company acquired 4 VORTEX861 machines. These produce a range of VORTEX yarns, including

- * 100% Cotton
- * 100% Rayon
- * 100% Tencel
- * Blended yarns; Poly/Cotton, Poly/Rayon, Poly/Tencel, Cotton/Rayon, Tencel/Cotton, Tri Blends (Cotton/Rayon/Polyester), Fibre Dyed Rayon/Poly
- * Outlast (Thermal Management yarn), which are sold under the Lopil® brand. Lopil® is marketed under the slogan of "For Superior Multi-Functional Fabrics." Specifically, "offering unique shape retention and low pilling after repeated washing" is the main sales point, and Lopil® is aggressively marketed as a yarn unrivalled for extended garment life. End uses include high fashion apparel and uniform apparel, work wear, home furnishings, and more. At present, 100 tons are manufactured per month. It is sold in Thailand and over 40 other countries around the world, where it continues to win praise and is growing rapidly as our main product. We propose to use Lenzing Viscose fiber for our VORTEX production.

- How would you evaluate the VORTEX spinning machine?

Mr. Kamol During the one year or so that our machines have been in operation, we have really noticed the extremely high productivity offered by VORTEX spinning. Furthermore, we completely agree with President Murata's statement that, "From an environmental standpoint, the Vortex is now

recognized as a Green Product with tremendous potential as an alternative to ring spinning system." That's why the Lopil® website specifically mentions that, "With energy consumption 30% less compared to any spinning technology available, Lopil® is a futuristic yarn with an eco-friendly option." It is definitely an efficient, environmentally friendly piece of equipment.

- Please tell us about the "Leadership Project"

Mr. Kamol I've just described the achievements and future prospects for Lopil®, as well as the benefits of VORTEX spinning machines in energy conservation and increased productivity, but in the end I think the main attraction of VORTEX is the possibilities it offers. It is flexible enough to employ a wide range of materials, to handle a wide range of applications. As a key technology in the development of unique products, we anticipate that VORTEX will open up new avenues for our company to explore. That is precisely why we intend to become Thailand's leading spinning company not only in terms of scale, but also in terms of originality. We have staked a lot on VORTEX helping us to export attractive products from Thailand to the rest of the world. We are confident that Lucky spinning's Lopil® Vortex yarn will emerge as workwear yarn of the future. We see this as a large-scale investment that matches the production capacity of existing facilities. That's the "Leadership Project."

- Do you have any requests for MURATEC?

Mr. Kamol VORTEX offers limitless possibilities, and in order to use it to its fullest potential, we hope that Murata Machinery will be able to provide us with more technical and marketing advice than ever. We are encouraged by the presence of Murata Thailand, since they provide a team of high experienced service staff, stationed right here in Thailand. We hope we can enhance communication with your two companies and quickly receive support whenever it is needed. We are also planning to establish R&D center for Vortex yarns at Singburi/Thailand.



SHARING YOUR LIFE

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2008 AUTUMN

VERSATILITY & EASE OF USE MURATEC at INDIA-ITME 2008

Dear Valued Customers,

Indian textile industry is one of the largest and most significant player globally. The Union Textile Minister of Government of India, Mr. Shankersinh Vaghela, has helped to spur this high growth rate through the enthusiastic application of new technologies, increasing the competitiveness of processing, and improving brand strengths. He has declared a bold program that will see investment in the textile industry total 1,506 trillion rupees by 2012, thereby creating an additional 17.37 million jobs. Exports, which had been weakened by the rising value of the rupee, are expected to recover, and in the fiscal year 2007-2008 the value of exports hit 20.5 billion dollars, with a further 20% gain projected for the current fiscal year.

As a leading company in the textile machinery industry, we at Muratec add value to our customers' businesses in five ways: increasing their brand strength through "Quality", increasing competitiveness through "Productivity" and "Operability", and assisting our customers' development through "Added Value" and "Environmental Awareness". These innovations support the strong growth of India's textile industry.

In the 17 years since we first began focusing

on the export of textile machinery to the Indian market in 1991, Muratec has matched the expectations for quality of textile products and functionality of textile machinery from our Indian customers-some of the most demanding customers in the world. Through meeting these expectations, we at Muratec have also been able to improve our technical know-how and ability to provide the right assistance to each customer. In 2007, Muratec established Murata Machinery India Private Ltd., as a wholly owned subsidiary. Employing 45 highly-skilled personnel at our offices in New Delhi, Mumbai and Coimbatore, we are working to provide even faster, higher quality support to our customers.

Muratec - Murata Machinery, Ltd., with "Muratec presents versatility and ease-of-use" as its main theme, will be exhibiting at India-ITME 2008, with the aim of joining with our customers to reach new heights.

Muratec at INDIA-ITME2008

Site: **Hall-3, A105, Bangalore International Exhibition Centre (BIEC), Bangalore, Karnataka, INDIA**
Date: **November 15 to 22, 2008**
Opening Time: 10:00 to 18:00

Exhibits:

VORTEX 861 Spinning Machine
No.21C PROCESS CONER Magazine Type
No.3C1-S MURATEC TWISTER
No.21C PROCESS CONER Link Coner Type
(at LHW booth Hall-3 A107)



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SHARING
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A wide variety of Splicer No.21C presents Flexibility & Ease of use



Since its debut in 2001, "No. 21C" has become the top brand of automatic winders, with a total shipment of over 400,000 units all over the world. This high support rate, above all, proves the high versatility of No. 21C. In this exhibition, we plan to demonstrate the winding of five types of yarn, from medium-count regular yarn to fine-count compact yarn, as well as soft-wound and Eli-Twist yarn. We hope that you will have a chance to see for yourself the flexibility and versatility of our No. 21C, which is in response to consumer tastes that are becoming increasingly varied and demanding increased added value.

Demonstration

1) Compact, Ne80

High-quality packages can be produced while maximizing the features of fine-count compact yarn using the hairiness reduction system, Perla-A, and Muratec's winding control, Pac 21.

2) Eli-Twist yarn, Ne80/2

Stable winding of specialty yarn is achieved using a water splicer and Muratec's unique winding control, Pac21.

3) Cotton two-ply yarn, Ne80/2

Stable winding of two-ply yarn is achieved using a water splicer and Muratec's unique winding control, Pac21.

4) Cotton, Ne40

High-quality packaging is provided by using the Perla-A hairiness-reducing system and Muratec's winding control, Pac21. When combined with the PLC21 optical yarn length sensing device, this ensures high-productivity of packaged yarn with properly wound lengths.

5) Soft-wound cotton yarn, Ne40

Controlling the tension and contact pressure provides high-quality and soft-wound packages.

No.21C Maximize Your Benefit Link Coner at LMW



Muratec's link coner is a tray-to-tray system that eliminates the need to replace spinning bobbins, allowing the spinning machine to directly supply the winder. Within the field of directly-linked spinning frames and winders, Muratec's link coner is particularly noted for its ability to improve product quality and productivity. In this exhibition, India's number one spinning frame manufacturer, Lakshmi Machine Works, will display the link coner operating in combination with their latest spinning frame, LR63/AXL.

Highlights

1) Improved product quality:

Muratec's unique tray-to-tray system eliminates the danger of damaging the yarn supplied during transportation or handling. It also reduces the risk of mixed yarn counts.

2) Space and manpower savings:

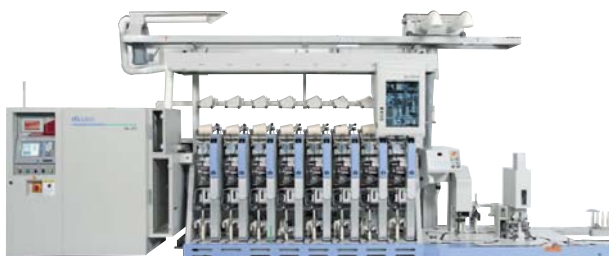
Compared to separate spinning frame and winding machine combinations, No.21C provides a 30% savings in floor space. Manual transportation and handling is completely unnecessary, thereby requiring less manpower to operate.

3) Lower operating costs:

No.21C requires fewer peripheral accessories, such as plastic tubing, bobbin boxes and transporter vehicles.

4) Flexibility:

It is a simple operation to change the yarn type on a single spinning frame, making it easier to create manufacturing schedules and manage processes.




Linkage with LMW's Ring Frame LR63/AXL at Hall-3 A107

VORTEX Meet the Trend towards High Added Value

Vortex fabric has attracted a lot of attention from all over the world. It is already widely acknowledged that textile products made with vortex yarn possess excellent functionalities including pilling resistance and crispness. Leading apparel manufacturers and spinning companies in Europe, Japan, Korea and Latin America are currently working together to use vortex yarn to develop differentiated products in order to open up new markets and improve their brand strength.

There is only one spinning machine in the world capable of producing vortex yarn, and that is the Muratec VORTEX 861 spinning machine. In addition to its unique spinning mechanism, it comes equipped with a clearer, splicer and AD, and is capable of spinning a wide variety of fibers, including cotton, polyester, blended cotton/polyester or regenerated cellulosic fibers, directly from sliver to packaging, thus creating high value-added vortex yarn. Three processes - roving, fine spinning and winding - are provided by a single unit, yet thanks to its unrivalled maximum spinning speed of 450 m/minute, the VORTEX 861 also provides superior productivity, energy and space savings, ease of quality assurance and production management.

Vortex products and spinning machinery meet the textile industry's trend towards high added

value. At this exhibition, we will be demonstrating the vortex spinning machine using regenerated cellulosic fibers, whose functionality has attracted particular interest in recent years. We will also be demonstrating a polyester 65/cotton 35 yarn and displaying vortex products sold around the world.

Demonstration

1) Viscose rayon 100%, Ne40,

4 degrees 20 minutes

2) Polyester 65%/cotton 35%, Ne40,

4 degrees 20 minutes

Highlights

1) Vortex spinning:

With a maximum spinning speed of 450 m/minute, the VORTEX 861 is 20 times faster than ring spinning machines and three times faster than OE spinning-an overwhelming speed advantage in spinning speed.

2) Quality assurance:

Constant quality assurance is provided by a digital clearer (MSC) which monitors a wide range of data, combined with the large, easy-to-see liquid crystal display of the data management system (VOS).



No.3C1-S Muratec Twister with ø108 Energy-saving Small Pot

As the world faces increasingly serious issues in protecting the environment and conserving resources, how to provide greater energy efficiency and provide environmentally-friendly manufacturing has become one of the most serious concerns facing the textile industry. The two-for-one twister on display at this exhibition combines the smallest carbon footprint in its class with highly energy-efficient small-diameter spindles. Spindles with a diameter of 108 mm can reduce energy consumption by as much as 45%, which matches the demands of our Indian customers in particular. We invite you to see the energy-saving processing of fine-count twisted yarn, an area where the need for added value continues to grow.

Demonstration

Ne80/2 cotton 100%

Highlights

1) Space savings:

Machine width is 20% less than conventional machines. The new, intelligent spinning frame design features a spindle pitch of 212 mm.

2) Energy savings:

Small-diameter spindles provide high energy savings. Available in two sizes, 108 mm and 120 mm.

3) Operability and versatility:

The machine comes equipped with the new-model monitor, allowing operators to see number of twists, rotation speed and yarn length. Five types of spindle, from small to large diameters, are available.

