

ITMA 2003



INTERVISION

A STORK PRINTS PUBLICATION, OCTOBER 2003, NUMBER 31

'Prepare for your visit. You will never be able to see everything.'

STORK® *knows-how*



COLOPHON

InterVision is a publication of Stork Prints Circulation

InterVision is distributed worldwide, by controlled circulation to 15,000 Stork customers, industry associations, textile institutes and the trade press **Editors** Stephan Haagh, Marieke Hendriks Zufang, Joost van Luyken, Roald Paping, Arno Vonk **Artwork and copywriting** Reclamebureau D&M **Photography** Jos Janssen and others **Printer** Plantijn Casparie **Publisher** Stork Prints, Communications Department, PO Box 67, 5830 AB Boxmeer, The Netherlands **More information** www.storkprints.com, info.storkprints@stork.com

No part of this publication may be reproduced and/or distributed by means of printing, photocopying or any other process, without the prior written permission of Stork Prints.

INDEX

Arvid Manneke	3
Countdown to ITMA 2003	
DEBA	4
Constantly looking ahead	
Chenab	6
Supply chain control	
Q & A	8
Exhibition director Maria Avery, and others in the industry, answer some questions on ITMA 2003	
Market	10
Entertainment and innovation at ITMA 2003	
Service & solutions	12
- Stork U See, the digital textile standard	
- ecoLEN: the economical laser engraver	
- New: Stork HSC 103 hotmelt screen coating unit	
- At your service	
- SpecialScreens	

Just before this InterVision's going to press, the Board of Management of Stork N.V. appointed Mr Dick Joustra as director of Stork Prints. The appointment will be effective as per October 1 2003. Mr Joustra, who joined Stork in 1983, is currently vice president marketing & sales and in this capacity he is a member of the Stork Prints management team. He will be succeeding Arvid Manneke, who is leaving Stork due to his proposed appointment as member of the Executive Board of the Koninklijke Frans Maas Groep N.V.



The countdown to ITMA 2003 has started. For us anyway, and certainly for the exhibition director Miss Maria Avery, who has been interviewed for this issue of InterVision. How about you? Are you already preparing for ITMA too?

At the NEC in Birmingham, there will be 120,000 square metres of exhibition floor. Believe me, that is a lot of space. Those of you who have previously visited ITMA know what I am talking about. How can you possibly see everything in just eight days? You can't. So please spend some time considering what you really want to see. Get all the information you can in advance, and plan your visit, in order to get the most out of it.

Speaking of planning your visit, of the 120,000 square metres of ITMA exhibition floor, there will be 400 that,

I can assure you, you definitely won't want to miss. Stand DF17-6A in hall 17. This year just happens to be the 40th anniversary of Stork's invention of rotary screen printing. Such an occasion obviously demands a celebration, and celebrate, we certainly will – not just with the necessary entertainment, but also with the introduction of a number of new solutions for the textile market. As you will notice, some of these innovations will also receive extra attention in this InterVision's service & solutions section, which you might like to regard as a warming-up.

Last but not least, quite a few Stork people will be present at our stand between 22 and 29 October, since, as Mr Roald Paping, our marketing manager textile, puts it in the ITMA article on page 10, our customers should be able to get all the advice they need. I fully agree with

him. You can rely on us.

If there is anything you would like to discuss with any of our market or product specialists, however, it might be an idea for you to contact your local Stork representative or account manager beforehand. Just to make sure that you can get all the information and personal attention you deserve during your visit.

Once again, the countdown to ITMA 2003 has started. So what more can I say, other than... see you in Birmingham!

Arvid Manneke
President

ARVID MANNEKE



COUNTDOWN TO ITMA 2003

CONSTANTLY LOOKING AHEAD

DEBA

Established in 1973, DEBA is now Turkey's largest commission printer and second largest garment manufacturer. Growth in recent years has largely been due to the company's third main activity: the manufacture of household textiles. And DEBA is already looking further ahead. An interview with assistant general manager Oktay Kireççi.



DEBA, which stands for Denizli Basma (Denizli Textile), is located on a 65,000 m² site in the Denizli region in Southwest Turkey, the heartland of the country's textile industry. Just as impressive as the size of its factory grounds, are DEBA's modern production facilities, which include a brand new Stork IPS delta 32 dispensing system.

Mr Oktay Kireççi, who as assistant general manager is responsible for DEBA's printing, dyeing and finishing activities, does not hide his enthusiasm about the IPS delta: "Since we have had it, our efficiency has increased considerably. We now print 15% more A-quality, we have better matches when printing repeat-orders, and meanwhile save 20% on chemicals and dyestuffs. All because of the accuracy of our dispensing system!"

Stork fans
Mr Kireççi tells us that DEBA has always had a special relationship with Stork: "We have always done business with Stork, ever since we bought our first printing machine, a Stork RD 3, in 1973. And we want to keep working with Stork. The main reason? They not only give good technical advice, they also give us business perspectives. Stork enables us to create new products because of their innovations, and to make existing products in a more efficient way."

"The market is picking up. Textile sales are going up again."

DEBA sold its RD 3 only two years ago. Mr Kireççi: "At present, we have three RD 4's and one RD Direct Drive, two Stork HT steamers, and a Stork coating machine. Our design application systems,

laser engraving equipment, digital printing equipment... it's all Stork. So yes, you could truly say we are Stork fans, here at DEBA."

DEBA has three main activities. Firstly, cotton dyeing, printing and finishing. Secondly, the production of garments, mainly trousers. And thirdly, the production of household textiles. Most of DEBA's production is exported, mainly to European countries. Mr Kireççi: "Currently, Germany and Austria are

our most important markets. In the last couple of years, we have especially been successful in household textiles, for which we established a special business unit in 1997. We now have the capacity for

100,000 pieces of finished product a month."

That is not nearly as much as DEBA's garment manufacturing capacity, which is about 300,000 pieces a month, but still... While DEBA is already Turkey's largest commission printer and the country's second largest garment manufacturer, current growth is largely due to the company's household textiles unit. And DEBA is still growing. In 2002, it had a total turnover of USD 75 million, compared to USD 58 million in 2001. Mr Kireççi: "Our aim for 2005 is USD 100 million, although it's difficult to make a forecast with currency exchange rates constantly fluctuating. Nevertheless, we should be able to benefit from current market developments. Our dyeing production will probably remain stable, but we have high expectations of our printing activities. Print is the trend, you see, especially in household textiles. The market is picking up. Textile sales are going up again."

Mr Kireççi is very clear about how DEBA should reach its goals: "Customer satisfaction. We consider customer relation management of major importance to our company's future. Therefore, we strongly focus on ICT. Take our website: we already present our new designs through the internet, so customers can choose a design direct from our archives, and order on line. We also put the production results back on line again, to be judged by our customers."

ITMA 2003
When asked about his expectations of ITMA 2003, Mr Kireççi says he is looking forward to it: "In Birmingham, we will be able to see how the textile industry is going to develop over the next ten years. We expect to see some important breakthroughs at ITMA this year, especially in digital printing." Digital printing as a fourth pillar of DEBA's success? Mr Kireççi: "We have a

small digital machine now, which we only use for sampling. But digital print production will grow, I am convinced of that. There is a lot of added value in digital print, especially when combined with the advantages that current developments in ICT have to offer. And yes, we have some ideas of our own: consumers who order a couple of metres of a special design directly with us, through the internet, and have it sent within two days, for example. This may not happen in the next two or five, or even ten years, but say, in twenty years' time..."



SUPPLY CHAIN CONTROL

CHENAB

Chenab Ltd, part of the Chenab Group, was established in 1975. Since then, it has grown into one of Pakistan's leading textile manufacturers and exporters. Its strategy: total supply chain control. Chenab has its own spinning and weaving facilities, its own printing and dyeing facilities, its own manufacturing facilities, its own household textiles and fashion label, and its own stores. An interview with Chenab Group's director Mr Latief.



In August, Mr Latief received the 'Pride of Performance Award' from the President of Pakistan, due to his company's performance.

Spread over three locations in and around the city of Faisalabad, Pakistan, Chenab processes 230,000 metres of textile a day, of which 130,000 metres are printed and 100,000 metres dyed. Faisalabad is also the location of Chenab's headquarters, where we speak to the company's director, Mr Latief.

Mr Latief provides us with a brief outline of the company's history: "Chenab started with the production of raw fabrics in 1975. We began to export these fabrics



in 1986, and soon became one of the largest textile exporters in Pakistan. When we converted to the production of household textiles, in 1989, we bought our first printing machine. In the early nineties, we also started to produce garments, and we opened our first ChenOne department store in 1997."

Chenab is now Pakistan's largest exporter of finished textile products. Household textiles account for 70% of total production, and garments for 30%. Mr Latief: "For the domestic market alone, we manufacture around 15,000 pieces of garment a day, which we sell exclusively through our eight ChenOne department stores in Pakistan. We also have five of these stores in the Middle East, in countries such as the United Arab Emirates, Bahrain and Saudi Arabia, and we are still expanding. We plan to have stores in every country in the Middle East within three years. In five years' time, we want

50% of our total production to be sold through our own stores." Quite an ambition, considering that the domestic market currently accounts for only 10% of Chenab's production. The remaining 90% goes into the export market, mainly large department stores such as Bloomingdales, Sears and Ikea, and international brands such as Tommy Hilfiger and Laura Ashley.

Chenab, which started out with 30 employees, now has more than 7,500. Mr Latief says the enormous growth of his company is due to "...vertical integration, a focus on quality, and, probably most important of all, service. We are the only Pakistani textile printer to allow its customers to select a design from a collection of over 500 new designs every year. We are also very flexible. We are able to print up to 24 colours, and offer any type of printing: pigment, reactive, discharge, disperse..."

Vertical integration

Mr Latief regards the continuing integration of the textile market as one of the most important developments in today's textile industry: "Our strategy has always been one of supply chain integration. We produce the raw fabrics, so we control the beginning of the chain, up to the manufacturing and shipping of finished products. In the US and European market, where we deliver directly to the large department stores, we are as close as we can get to total vertical integration. In Pakistan and the Middle East, we are increasingly controlling the complete supply chain, by selling our products through our ChenOne department stores."

Another important trend, according to Mr Latief, is the elimination of WTO textile quotas in 2005: "Pakistan is fully prepared to take on the challenge of being a world market leader, as soon as textile trade is entirely free. And Chenab is fully prepared to remain a leader in Pakistan. We must further upgrade our

industry, however. As a country, we must invest in equipment that allows us to face quality challenges, to reach international standards, and to meet market demands. Last year, Chenab alone bought more than USD 20 million worth of new equipment. We are prepared."

In order to take full advantage of these developments, Chenab relies on Stork as a business partner: "We bought our first Stork machines, two RD 4 printing

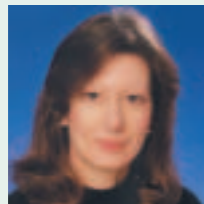
"Pakistan is fully prepared to take on the challenge of being a world market leader. And Chenab is fully prepared to remain a leader in Pakistan."

machines, in 1991. Even then, quality was the decisive factor. Stork is the only supplier that knows the entire textile printing process: laser engraving, dispensing, sampling... so we also have a Stork IPS delta dispensing system, a Sapphire digital printing system, and an HS 3

steamer. Furthermore, we have recently replaced our wax jet engraving system by a bestLEN laser engraver, and just bought a new CFT coating machine."

"Stork also has an excellent after-sales service," Mr Latief continues, "which leads to even more efficiency, even higher quality. Whenever we have a question, we can call on Stork's office here in Pakistan, and they immediately respond. Problems are solved very quickly, usually overnight."

Even if the solution has to come from Stork's head office. If we have a problem with our software, for example, we connect to the helpdesk in the Netherlands by modem. They are available 24 hours a day, so there is really not even a time difference."



Miss Maria Avery

exhibition director of ITMA 2003

Q: Why should every InterVision reader come to Birmingham in October?

A: Because ITMA is the biggest textile exhibition in the world, with over 1,350 confirmed exhibitors. Visitors will find all suppliers in one place. Eight halls will be devoted to dyeing, printing and finishing alone – more than ever before. I have heard that there will also be more innovations at this year's ITMA than at ITMA 1999. And as far as entertainment is concerned, concerts will be held in the concert hall adjacent to the exhibition halls. That means visitors won't have to travel

to see live performances of superstars such as Christina Aguilera and Mariah Carey.

Q: What else can we expect at ITMA 2003?

A: Well, for the first time, ITMA will include a forum, which will address six issues over three days – China, corporate finance, skills management, supply chain management, technical textiles and trade developments. Although there will be many international leading speakers, these forum sessions will be debates rather than lectures. Visitors will have the opportunity to take part in the discussion.

Q: Could you drop some names, perhaps...?

A: Minister Du Yu-Zhou, President of the National Textile Industry Council of

China, will be there, as will Bill Lakin, who is President of the European Textile and Clothing Industry Association, Carlos Moore, former President of the American Textile Manufacturers Institute, and Boris Fomin, President of the Russian Union of Textile and Light Industry. I could go on. We now have 36 speakers altogether, and will probably end up with about 40.

Q: How many visitors are you counting on?

A: It's difficult to say. ITMA 1999 attracted 150,000 people. But as we now have an ITMA Asia too, which means there is an ITMA every two years, we expect fewer visitors this year. We are estimating between 100,000 and 120,000 over eight days.



Mr Ubbo Ubbens

secretary general of GTM (Group Textile Machinery, the Netherlands)

Q: Why is ITMA so important to the textile industry?

A: ITMA is vital to anyone in the industry as it offers a complete overview,

and is the most efficient way to get an update on the latest developments. A visit to ITMA is easy to plan, and saves a lot of time.

Q: What can we expect from the Dutch machine manufacturers?

A: All Dutch GTM manufacturers will be present at ITMA 2003. They see it as the most important exhibition by far, and *the*

platform on which to show the public the latest technological developments. It really is the place to be.

Q: Can you give our readers an ITMA tip?

A: Prepare for your visit. You will never be able to see everything. So check out the ITMA website and catalogue beforehand, and decide what you really want to see.



Mr Philippe Bellier

general manager of BTT, a French textile printing and dyeing company

Q: Will BTT be visiting ITMA 2003?

A: Definitely! In today's market you have to take advantage of every opportunity. ITMA is all about opportunities.



Mr Roney Kung

manager in charge of purchasing at Novel Denim, Hong Kong

Q: Will Novel be visiting ITMA 2003?

A: In order to meet our customers' demands, we must keep up with technology all the time. We will

probably not be visiting Birmingham, however, as ITMA is no longer held only in Europe. We will probably visit ITMA Asia in 2005.



Q & A

Before she was employed by the NEC in Birmingham, Maria Avery worked in the weaving industry for twenty years. She 'did' more than 70 machinery exhibitions all over the world during that time, and now is an expert on the industry and on exhibitions. For our new Q & A (question and answer) section, InterVision asked her, and several other people from the industry, some questions about ITMA 2003.





There will be plenty of entertainment, including four spectacular shows every day, at our 400 m² stand. The highlights of 40 years of rotary screen technology will obviously play an important part in these shows.

“But we will also take a glance at the future,” marketing manager textile Mr Roald Paping assures. “The shows will be a mix of video and dazzling live performance, based on our promise to bring colour to the world.”

Demonstrations

Entertainment is not the only reason to visit stand DF17-6A in hall 17, however. Mr Paping: “As usual, we will also use ITMA to present several new solutions

Advice

One of the main reasons for textile printers and screen engravers to visit Stork at ITMA has always been the opportunity to meet Stork account

“Our customers should be able to get all the advice they need.”

for the textile printing market. There will be product demonstrations of four of these innovations –the ecoLEN laser engraver, the HSC 103 hotmelt screen coating unit, the Stork U See digital textile printing standard, and the IPS epsilon dispensing system.”

Information

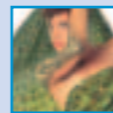
“In addition to these demonstrations, our stand will have no fewer than six information desks, each of which will have its own focus: engraving systems, rotary printing systems, dispensing systems, coating and finishing systems, service, and Stork U See.”

managers, representatives and product specialists in a personal and informal setting. “Our customers should be able to get all the advice they need,” Mr Paping explains. “Not only on printing processes, but also on market developments in general, and on their own businesses in particular.”

Plenty of reasons, then, to pay our stand a visit. Consider yourself warmly invited!

Exactly 40 years ago, Stork invented rotary screen printing, a development that revolutionised many aspects of the textile industry. At ITMA 2003, we will mark this special anniversary with both entertainment and innovation. Marketing manager textile Roald Paping lifts a corner of the veil.

Ten reasons to visit stand DF17-6A in hall 17



1 Spectacular shows
Four every day!



2 ecoLEN laser engraver
A ‘lighter’ version of our bestLEN laser engraver. See also page 13.



3 HSC 103 hotmelt screen coating unit
A solution that increases both the flexibility and the efficiency of laminating processes. See also page 14.



4 IPS epsilon dispensing system
A short run sampling solution which produces quantities of up to 15 kilos. See also InterVision 30 (July 2003).



5 RD 8 printing machine
Stork is about to introduce a new printing machine, based on the successful RD 4. At ITMA, we will tell you all about it.



6 Stork U See, the digital textile standard
A reliable colour communication concept and digital textile printing standard, from which the entire textile printing industry will be able to benefit. See also page 12.

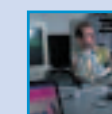
7 SCR 3210 laser lacquer
A ready-to-use, environmentally-friendly lacquer, specially developed for laser engraving purposes, which outperforms all traditional lacquers.



8 130 SP, 160 SP and 190 SP screens
Three new screen types that have recently been added to our SpecialScreens program. See also page 16.



9 Service
Our after-sales service concept helps customers to get the most out of Stork solutions and products. One of our information desks will be entirely dedicated to service. See also page 15.



10 Meet market and product specialists
Meet Stork account managers, representatives and product specialists in a personal and informal setting.



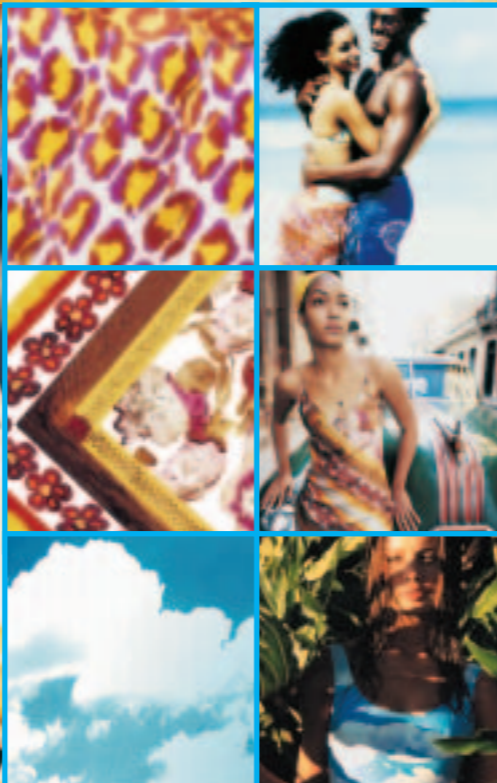
MARKET



ENTERTAINMENT AND INNOVATION AT ITMA 2003

STORK U SEE

THE DIGITAL TEXTILE STANDARD



ECO LEN

THE ECONOMICAL LASER ENGRAVER

This special issue of InterVision has a large service & solutions section. Five pages, to be precise, filled with information on subjects and solutions that will also be highlighted at our stand at ITMA 2003. Consider it a preview...

SERVICE & SOLUTIONS

Digital textile printing has its advantages. However, it also has its difficulties: digitally printed samples have not yet proved to be as reliable as they should be, and high running costs have so far made digital printing unsuitable for the production of large quantities. With Stork U See, Stork Digital Imaging has developed a reliable colour communication concept and digital textile printing standard. A standard from which, according to marketing & sales manager Mr Jos Notermans, "the entire textile printing industry will be able to benefit".

The Stork U See standard, which will be officially introduced at ITMA 2003, is the result of three years of intense research and development. Mr Notermans: "It is common knowledge that textile printers can anticipate some of today's and tomorrow's most important market developments, such as continuing reduc-

tions in run lengths and lead times, using digital printing technology. If it would be possible for them to guarantee their customers colour consistency and full reproducibility, that is. So far, they have not been able to do that. Now they can."

Reproducible, predictable...

The Stork U See concept consists of five building blocks, which together ensure reproducible and predictable textile printing results. Mr Notermans lists these for us: "Software that ensures exchangeability between printers and printing locations; hardware such as printing machines, computers and spectrophotometers; consumables such as fabrics and inks; working procedures; and, finally, the actual certification of print jobs by Stork Digital Imaging."

... and profitable

"What is even more important," Mr Notermans continues, "is that digital printing is already proving to be profitable.

Get Stork U See certified and offer your customers:

- Just a couple of weeks (instead of months) lead time from sample to production
- Printed fabrics identical to the approved sample, and re-orders identical to the first production run
- Any run length, and any number of colourways, at the same price per metre
- Total design freedom: as many colours as they like, including photographic designs

Digital Print Asia, a joint venture of the Thai based Yeh Group and Stork Digital Imaging, is currently supplying digitally printed textiles at sales prices comparable to those of conventional flatbed printing."

The introduction of the bestLEN caused a revolution in the engraving world last year. The ecoLEN, which will be officially introduced at ITMA 2003, might lead to another, since, according to Mr Stefan Rückl, marketing and sales manager at Stork Prints Austria, "almost any textile printer or screen engraver will soon be able to afford a high-quality laser engraver".

The ecoLEN, developed at Stork Prints Austria (formerly known as Stork-STK), is a 'lighter' version of the bestLEN laser engraver.

Mr Rückl: "It is based on proven technology. Just like the bestLEN, its laser generator is permanently filled with gas, so its gas consumption is reduced to zero. It basically has the same business advantages: shorter process times, high engraving quality, easy operation, and less waste."

Although the ecoLEN is about 30% slower than the bestLEN, it is "easier to operate and more efficient than any other

engraving system. What's more, the quality of the engraving is higher than that of either ink jet engraving systems or earlier laser engravers."

Best off with bestLEN

"Textile printers and screen engravers who produce for high-end market segments are still best off with a bestLEN," Mr Rückl concludes. "To any other printer or engraver, however, the ecoLEN is definitely going to be the world's most economical engraving solution."



For more information on the Stork U See standard, please contact your local Stork representative, send an e-mail to info.storkprints@stork.com, or visit our stand at ITMA 2003.

For a tailored solution that suits your engraving needs, please contact your local Stork representative, send an e-mail to info.storkprints@stork.com, or visit our stand at ITMA 2003.

The Stork HSC 103 hotmelt screen coating unit increases both the flexibility and efficiency of laminating processes. Mr Martien Rutten, product specialist coating and finishing, compares it to existing hotmelt coating technologies. Mr Luuk Goede of PinTail International, where the first HSC 103 has just been installed, has high expectations...

Screens versus spray

Instead of a complete layer, the HSC 103 applies multiple miniature dots of adhesive onto and into the substrate. "Therefore," Mr Rutten explains, "laminated materials remain breathable and more flexible after bonding, while the bond itself is stronger. The amount of hotmelt applied can also be altered easily, and it only takes a couple of minutes changing and cleaning a screen. Furthermore, it allows the treatment of thin and sensitive membranes."

Screens versus rollers

"The delivery time of a screen is shorter than that of a roller, and changing a screen is easier and less time consuming. Since it is possible to apply higher dots, the bond is stronger. And contrary to roller technology, screen technology is also suitable for rough materials such as carpets. Last but not least, screens are simply cheaper than rollers."

Other benefits

The HSC 103 also has considerable advantages over existing coating systems that use screen technology. Mr Rutten: "We have developed a new type of screen that can be used for hotmelt temperatures up to 250° C, which allows thermoplastic coating. These screens have an extremely smooth surface, which offers the possibility to work with the thinnest of foils. And the use of air-heating instead of infrared ensures an even temperature distribution, and thus uniform application."

High expectations

Last August, the first HSC 103 was installed at PinTail International, a Dutch producer and supplier of fabrics. Just before the installation, we asked owner and director Luuk Goede about his expectations. He replied: "We believe that the HSC 103 will provide us with new business opportunities. The fact that we can laminate foils, for example, will offer us the opportunity to enter the high-end fashion market: sportswear, medical textiles, protective clothing... We also expect to save some 10% on adhesive at least, and, since fewer operators are needed for the same amount of production, to improve our productivity. Furthermore, we want to shorten our delivery times by 50% and to triple our production capacity, to maybe even thirty metres a minute. However, quality improvement was our main reason for buying the HSC 103. Nowadays, the market generally demands higher quality levels than can be reached using spray technology."

The last issue of InterVision included an article on the new form in which Stork offers its RD 4 and Pegasus service contracts. This article deals with service in general. At ITMA 2003, Stork will, more than ever before, focus on service. Why is that? We asked manager customer services Mr Wim Kuster.

"We think our customers can get even more out of our products and solutions when they are more aware of the service Stork offers. Our after-sales service has significant advantages for textile printers. We have to make these clear, though."

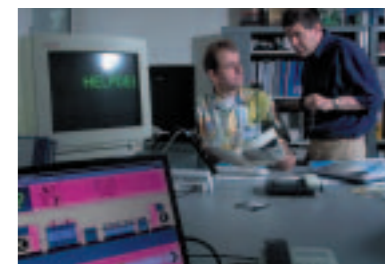
Fast, good and local service

"Anyone who chooses to buy Stork," Mr Kuster continues, "is guaranteed fast,

good and local service. In concrete terms this means that most Stork original parts can be sent within 24 hours, come with full warranty, and are kept on stock at different locations all over the world. And that any Stork customer, no matter where he is located, can count not only on experienced service engineers who will carry out preventive and corrective maintenance, but also on a professional helpdesk that provides telephone and internet support 24 hours a day."

Stork knows-how

"But our knowledge of the entire textile printing process may be even more valuable," Mr Kuster concludes. "You want to print a new type of design, four-colour printed for example? We will help you to adjust your printing process.



An operator leaving the company? We can train a new one. Never printed polyester? We have, so we can and we will show you how to do it. The aim of our service concept is not only to guarantee trouble-free printing, but also to help our customers to develop new activities, to improve the quality of their products, and to increase the efficiency of their processes. Now that's service, I'm sure you'll agree!"

For a tailored solution that suits your coating and finishing needs, please contact your local Stork representative, send an e-mail to info.storkprints@stork.com, or visit our stand at ITMA 2003.

For a tailored solution that suits your service needs, please contact your local Stork representative, send an e-mail to info.storkprints@stork.com, or visit our stand at ITMA 2003.

SERVICE & SOLUTIONS

14 SERVICE & SOLUTIONS



NEW: STORK HSC 103 HOTMELT SCREEN COATING UNIT



















AT YOUR SERVICE



SPECIAL DESIGNS? SPECIALSCREENS

SERVICE & SOLUTIONS

Screen parameters

	NovaScreen	SpecialScreens		
	135 ED	130 SP	160 SP	190 SP
Thickness (µm)	 120	 120	 120	 120
Hole size (µm)	 88	 111	 80	 64
Open area (%)	 22	 33	 27	 24
Theoretic paste volume (ml/m ²)	 26	 40	 32	 29

Three new screen types – 130 SP, 160 SP and 190 SP – have recently been added to our SpecialScreens program. Mr Emile Siemes, product manager special screens & special products, explains what is so special about the new screens.

“SpecialScreens allow special designs to be printed. These include designs with metals such as silver and gold and particles such as iriodine or even sand, designs with reliefs, half-tone designs, or designs on extremely thin substrates such as net curtain.”



Definitely worthwhile...

The 130 SP, 160 SP and 190 SP screens are high-resolution screens, with a large open area. They cost more than NovaScreens, which are the standard for high-quality, cost-efficient printing, but are definitely worth the investment if special effects are needed.

Mr Siemes illustrates this with an example:

“Recently, one of our customers called on us because he was experiencing blocking problems. It turned out he was printing a design with both a high resolution and glittering particles. The blocking was caused by the 60 µm particles, which had to go through 80 µm holes. We advised him to try 130 SP screens, and ran a few tests. He now prints runs of thousands of metres without blocking problems, and has started using half-tones in his designs. The costs of the SpecialScreens were recovered in just one hour...”

Added value

“The use of SpecialScreens to print special effects not only saves costs by reducing downtime and waste, but also gives textile printers new business perspectives, by adding value to printed textiles.”

In order to get the desired results, however, some changes must be made. Paste thickness needs to be adjusted to the screen, and some engraving parameters might also have to be slightly adjusted. “But any textile printer who wants to start using SpecialScreens for special purposes can count on Stork for assistance,” Mr Siemes stresses.

For information on our complete screens program, please contact your local Stork representative, send an e-mail to info.storkprints@stork.com, or visit our stand at ITMA 2003.