



News Letter

# Horizon

Jan - Mar 2008



Dear Readers,

As the Indian economy continues to progress at a whooping rate of 9-10%, the printing and packaging sector is growing 30% annually.

The development in this sector poses significant challenges to the Indian printing fraternity to keep pace with the technological revolution witnessed across the globe.

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## Product Range

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BST SAYONA being part of BST Intl, known for their cutting edge technology in printing and packaging. Our idea is to bring the advancement to the Indian subcontinent and equip the printing industry with products that will enhance quality and productivity of the finished goods.

Our newsletter will provide you with the latest developments and market happenings.

New projects, key installations, applications and important events will be the best features of these quarterly newsletters.

DRUPA 08, BST shall demonstrate its latest developments in Inspection systems.

This also gives me an excellent opportunity to meet old friends and make new acquaintances.

This year will be no exception in doing wonders to the Indian economy, may it also bring personal prosperity and happiness to all.

Happy New Year!

Tappan Patel  
Managing Director

# What's New at BST

Did you ever dream of a  
**MACHINE** so **SIMPLE**,  
yet **POWERFUL** and  
**BEYOND IMAGINATION**



## BST SAYONA DOES IT AGAIN WITH!!! PERFECTO

At IPEX 2007, BST Sayona demonstrated live for the first time ever their **100% Inspection and Defect Detection System** for printed OFFSET SHEETS.

Realizing that automation of process control systems is the only way to augment the QUALITY, BST Sayona had already introduced PREMIUS and SHARK for the web-fed flexible packaging printers. Looking at the overwhelming response received, BST Sayona developed **PERFECTO** for the sheet-fed Offset printers. Mr. Tappan Patel remarked "To err is human, and hence all manual inspection systems are open to subjectivity. **PERFECTO** now offers the solution to perfect the quality of printing by sheet fed printers". Though there are several companies offering camera inspection systems for the web fed industry, **PERFECTO** is the first of its kind for the sheet fed printing industry.

The innovative high resolution Line Scan camera scans the full width of the printed sheets and detects the deviations as small as 0.25mm x 0.25mm, of the printed image with the already fed Master image. These deviations are broadly categorized in 4 quality parameters which include:

•Lack of ink or missing text •Dirt, scratches ink streaks and splashes •Shade variations • Scumming and mis-registration

Any printed sheet not conforming to the quality parameters of the Master as entered into the system gets automatically rejected and gathered separately on an out feed pile delivery. All that the printer has to do is to feed the Master into the **PERFECTO** and specify the tolerance levels of the quality parameters and leave the rest to **PERFECTO**.

The print master can be rest assured that **PERFECTO's** efficient **Defect Management Software Package** will not let a single defective sheet escape. A user friendly touch screen TFT enables the operator to see how the system is diligently performing its task. The training required for the user friendly software package will not take more than a day .A detailed report is generated quantifying each type of defects and also of recurring type or random type. This enables the operator to make necessary adjustments in the printing process for the next run.

Though the **PERFECTO** offers some direct savings in cost due to cutting down of manual labor and rejections and the wastage linked to that, Mr. Tappan Patel says that the **PERFECTO** as any other automation must be rightfully viewed as a quality assurance proposition rather than merely as a cost center. A tool to globalize the Indian Offset Printer.

"The Packaging market is set to boom in India in the coming years, Quality and Consistency will be the differentiating factors and this is where **PERFECTO** will make the difference by providing a value addition."

Mr. R. Bhargava Director, of HBD Packaging whilst observing the performance of **PERFECTO** at IPEX 2007 applauded the effort and the concept."

The response from the visitors was very encouraging. who after seeing the live demo were very impressed.

True to its name, **PERFECTO** is ready to DELIVER quality consistently offering great possibilities to the offset printers to do so too.

# NEWS

## Praspack Ahmedabad



It is a new year and we race into it headlong, this month we shall take a look at a few major stories that featured prominently through 2007.

- ◆BST Sayona installs its 50<sup>th</sup> Register Control System at Praspack Ahmedabad.
- ◆Almost all manufacturers of Rotogravure Printing Press in India have installed our Register Control System.
- ◆50 Register Control Systems in less than 30 months of launching Selectra in India.
- ◆Vimlachel installs 2nd Primius Digital 3 Chip Print Process Management System.

## New Faces in the BST family....



Mr. Habib Contractor  
Profit Centre Head  
Artificial Vision System



Ms. Swapnaja Oke  
Human Resource  
Development



Mr. Khushal Patel  
Officer Continuous Improvement

## No more with BST.



### Mr. Jayesh Shah

After a long stint with BST Sayona, Jayesh has left the company for better prospects.

BST Sayona wishes him and his family the very best.

# Product Pick

## VISCOMETER : A MUST FOR ALL PRINTERS



Electronic control systems for measuring and regulating viscosity of inks, glues, glazes and varnishes. Easy and accurate it increases the quality of the regulated Fluid and REDUCES the consumption of ink.

The measuring unit is selectable by the operator. It has special features such as automatic washing, automatic adjustment and alarm signals. Measuring range from 9 to 140 sec (f 4)

BSTSAYONA with SELECTRA of Italy, a company founded in 1964 supplies high-end electronic systems to the most demanding manufacturers of printing press. Proud of their equipment simplicity and the technology their aim is to reach the results and add real value, in terms of products, services and competitive price.

BSTSAYONA has sold a couple of systems in the last six months after the launch and several companies have successfully taken trials on their machines and have expressed their desire to install the systems. Praspack Ahmedabad is one of them. If you print and aspire to make your people more productive, enhancing quality and reducing waste, BST SAYONA can help you get an upper leg on your competitors.

This is an inhouse Newsletter of BST Sayona Automation Pvt. Ltd.(for private circulation only)

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