

PRODUCTS FROM INDIA



PEW announced the sale of the 30-station G30 to Edis

PEW's Glory G30 signature gathering machine sold to Edis Publishing & Promotional Packaging

Pramod Engineering Works (PEW) announced that Edis Publishing & Promotional Packaging, the Italy-based publishing house will install a Glory G-30 signature-gathering machine with 30 stations.

"The machine will be installed in Bengaluru at the printing facility of Ajax Fiori, a joint-venture partner of Edis Publishing. We had to do lots of research and develop this product for them, as previously we were producing machines with 18-22 gathering stations. We had to create a new motor and vacuum system for this machine," said Som Sapru, general manager at PEW.

The machine gathers signatures from 40gsm forms onwards. It can run up to 5,000 signature blocks per hour with the facility of inline wire stitching (optional) and rejection of bad copies. "The reject ejector system of the machine is equipped with Autonics photo-sensors which

will stop the machine to eject the faulty form and ensure that only the right forms are gathered," he added.

He stated that PEW is currently developing a signature-gathering machine with a double system and an in-line three-knife trimmer along with it.

Chemline introduces new hotmelt and pressure sensitive adhesives

Sonepat-based Chemline, manufacturers of adhesives and coatings for paper, packaging, label and converting industry, added two new adhesives to its product portfolio. The company launched hotmelt adhesive for perfect binding of books and a pressure sensitive adhesive.

"The Hotmelt adhesive CH155 SW (64) has certain specific advantages such as it is ivory white and has high strength. The adhesive has improved properties for hardcase perfect binding. The PST 60 is a pressure sensitive adhesive that is suitable for application in



Chemline launches hotmelt adhesives for perfect binding

TRIED & TESTED

Oscar CTCP plates

The UV CTCP plate, Oscar provides economical and reliable solution for the process houses and commercial printers thanks to the in-house R&D team at Orion reports Rushikesh Aravkar

With the gradual transition in the printing industry from analogue plates to digital plates, Karad-based Orion Photosensitive Systems has introduced UV CTCP plates to cater to the surging demand for the digital plates. Pradeep Sakhadeo, proprietor of Orion Photosensitive Systems, says, "The industry is still trying out thermal CTP, UV CTCP and violet plates. Though the demand for violet plates is much more as compared to thermal plate, UV CTCP which is comparatively cheaper than thermal or violet plates, is getting popular."

Launched in 2012, Orion Oscar is a robust solution, which is popular among process houses and commercial printers. The in-house research and development team of Orion has developed the technology behind Oscar.

Oscar plates which can be developed by any developer available in the market are also capable of generating 2,00,000 impressions when baked are tested to be compatible with all types of exposing devices irrespective of the make and construction: drum or flatbed.

Manufacturing process

Oscar plates are manufactured on a digitally controlled coil-to-coil flatbed mono-block litho processing line. For Oscar, a base layer of AA1050 litho grade aluminium alloy is used. The aluminium coils received from the suppliers like



Hindalco are loaded on to the de-coiler and fed in the processing line. The flatbed line at Orion enables them to reduce the usage of chemicals because of a unique design of chemical cells. The uncoiled sheet of aluminium undergoes degreasing to eliminate the residual oil and dirt particles followed by electrochemical grain-ing and anodising. The processed plate is then cut as per the production plan and quality check is done to examine the surface defects. The plates are then sorted and sent for coating. The coated plates are again examined for the defects in coating.

"Orion believes in providing quality products to the customers. We take great care in making our products," says Sakhadeo. Vision inspection equipment have been

SPECIFICATIONS	
Plate Type	Positive Working, UV Digital Plate
Spectral sensitivity	405nm
Safe light	Yellow
Thickness	0.28mm
Resolution	1% to 99%, 250lpi
FM Capability	10 micron Ssochastic
Run-length	1,00,000 impressions Unbaked and 2,00,000 baked
Contact	Orion Photosensitive Systems, Pradeep Sakhadeo, sales@orionppp.com www.orionppp.com 02164 220420/098230 64420

installed to take care of the quality. "After inspection for surface quality; the plates are exposed, developed, and tested critically with a densitometer and plate reader. The

finished plates are again checked for correctness of cutting to eliminate bur or deviation from right angle."

Claiming that the Oscar plates are economical and cost effective Sakhadeo says, "As we have developed the plate at our own R&D facility, we do not shell out any price as royalty."

Orion established in 1988, manufactures PS plates for short-run and long-run jobs, fountain solution, plate cleaner, wash, gum and PS coating solution. The company has a manufacturing capacity of 1.5 million sq/m plate per year which includes all types of plates. Of this, 20,000 sq/m Oscar plates are manufactured per month. "The sale of individual brand varies every month. The sales volume was less

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Mahalaxmi plant to produce 2,50,000sq/metre offset blankets per year

tapes, holographic labels, stickers, label stocks and envelope flaps. It has a good tack property and is non-transferable," said Lokabrata Pal, assistant general manager-sales and marketing, Chemline.

Talking about the gutka ban, Pal feels that instead of a negative effect on the paper and packaging market, this would boost the market. "Pan masala and tobacco are now allowed to be sold in two different packages. So this means, the companies have to just boost up the production of these two products to retain the market." The company plans to produce thermal lamination film and start another hotmelt reactor in coming few months.

Mahalaxmi to launch made in India offset printing blankets

MRT, an ISO 9001:2000 certified company has been exporting to over 25 countries worldwide. MRT is a part of the Mahalaxmi Group. The Group has successful presence in the sectors of textiles, chemicals and rubber and has in-house textile weaving facility.

The company will launch the same in November 2012. According

to the company, the firm is using European manufacturing technology and has roped in European technical consultants to offer offset blankets of international quality and at affordable price.

A senior spokesperson of MRT confirmed the news. According to him, "The venture into offset printing blankets is an extension of the work that we have put into textile blanket manufacturing. However, it has not been easy understanding the applications of developing and manufacturing of offset printing blankets. Our efforts will be to provide reasonable priced high quality blankets offering good value for money. We are certain that dealers and printing houses will find immense value in our offering."

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for last few months due to dumping of Chinese plates. But now with the launch of digital plates we are hoping to achieve the targets," concludes Sakhadeo.

Customer testimonial

Pune-based Kadam Digital Transprints has been using Oscar plates for past two months. Established in 1990, Kadam Digital Transprints which was originally a

CTP bureau using Basysprint CTP platesetter has recently installed a Kodak Nexpress SE3000.

Sanjay Kadam, director, Kadam Digital Transprints said, "The Oscar plates were tested at our facility for about one year during the development stage. We have been using it for actual production from the last two months. We are satisfied with the run length and quality of the plates." ■

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