

DuPont Packaging Graphics

THE SCIENCE OF COLOR AND PRINTING TECHNOLOGIES

Innovation at the speed of your business



**Mikael Hanström and Christer Persson
at the Cyrel® FAST system.**

**Permanently adhesive safety warning
labels.**



LABEL PRODUCER NORDVALL CONTRIBUTES TO REDUCING POLLUTION IN SOUTH SWEDEN

Nordvall is located in the municipality of Sjöbo in South Sweden and is one of Scandinavia's most well known label producers.

With the aim of transforming their production site to an environmentally friendly graphic arts location, AB W.H. Nordvall & Co. – or in brief Nordvalls has installed a DuPont™ Cyrel® FAST 1000TD system which radically cuts emissions reducing environmental impact.

The DuPont™ Cyrel® FAST technology, presented at DRUPA 2000, has been consolidated in recent years and is now a market leader, winning the attention of flexo plate users. That innovative system utilizes thermal dry technology, thus eliminating the use of chemical solvents and wash solutions. A very simple question is often raised by customer and also internally at DuPont. What is the situation with the first Cyrel® FAST installations? Are the customers happy?

This question resulted in the visit to Nordvalls. Their Cyrel® FAST system was installed approximately 2 years ago and during the initial period they benefited from experiences gained with the Cyrel® FAST system installed at C. Jul. Uttenthal A/S in Hedehusene in Denmark.

When you enter Nordvalls, what you notice is the excellent quality of the labels, but on entering the factory building you also notice that you are in a very healthy environment, completely free of the fumes from the solvents you find when visiting most label printers.

No chemicals, no fumes.

As far as the flexographic printing plates are concerned, the lack of fumes is due to the fact that after last year's Drupa fair Nordvalls started using DuPont™ Cyrel® FAST flexo plates which are developed in a dry process without using chemicals. Since exposure of the plates is filmless, there is no need for chemicals for film processing either. Consequently, there are no noxious emissions from Nordvalls prepress and plate processing departments.

ISO 14001 environmental certificate

Since substances hazardous to health will be banned by the EU in the not too distant future, it is safe to claim that Nordvalls' management has taken due account of the environmental standards to be required by the authorities from industrial producers in the coming years.

To illustrate the commitment of the company to these new standards Nordvalls has already been environmentally certified according to ISO 14001 and, as far as quality is concerned, according to ISO 9001:2000. Nordvalls was the first company in Sweden with these certifications.



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“Advancing Flexography”

Pleased to get rid of the solvents

At Nordvalls we were met by Mr. Mikael Hanström, prepress manager, and Mr. Christer Persson, production manager. They have both been with Nordvalls since the end of the 1980s and both have experience working with the press.

Mikael Hanström is responsible for both the Cyrel® Digital Imager, Computer-To-Plate system and the Cyrel® FAST system. He explained "I am very pleased to have got rid of the solvents and don't want them back."

Much faster

Christer Persson added, "We were the first in Sweden to install Cyrel® FAST and we are very happy with the system. Apart from the environmental aspects, the system has the added benefit of being much faster so we save drying time, among other things."

Label rotaries side by side

After this introduction we made a tour of the plant where Label rotaries are side by side – a total of 20 presses. Most of the presses – 70% – are flexo presses with web widths ranging from 240 to 500 mm.

A staff of 97 and almost 100 years

Here Christer Persson and Mikael Hanström told us the history of their place of work.

AB W.H. Nordvall & Co. was established in 1907 and today employs 97 people, which makes the company the third biggest in its field in Sweden. They work in two shifts and soon in three. That shows how good the order intake is. The orders come mainly from customers in Sweden, but the company produces for customers in Norway and Denmark as well.

Printing house in Poland

W.H. Nordvall has their own regional salesmen in Norway and Sweden, and they own one of the leading label printers in Poland.

The customers

Among Nordvalls label customers are the food-processing industry, the pharmaceutical industry, chemo-technical and environmental industries, the cosmetics industry, the safety and the transport sectors. Also a variety of public sectors and business generally, say Christer Persson and Mikael Halström.



Mikael Hanström at the Cyrel® Digital Imager

Duokett double labels for products needing space for more detailed text.



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