

Grand Prix Cyrel® 2010

This year, DuPont Packaging Graphics celebrates 35 years of 'Advancing Flexography', with the 8th Flexo-Print-Pack Congress and the 2010 International Grand Prix Cyrel® Awards, which took place beginning of June in Barcelona - Spain.

Reflecting DuPonts' continuous commitment in regard of innovative flexographic solutions and new market opportunities for the packaging industry, the Flexo-Print-Pack Congress gathered for the occasion printers, converters, pre-press and packaging professionals.

The congress was followed by the Grand Prix Cyrel® Awards Ceremony, where the winning entries of the 2010 competition were celebrated.

The 8th Flexo-Print-Pack Congress

Packaging materials contribute to a large amount of waste in the world, forcing a rise in demand to go 'green'. In response of this environmental impact of packaging, suppliers seek to find innovative solutions to the packaging of the products they sell. The printing process being a portion of this impact, new printing technologies are sought.

Dedicated to constantly develop innovative solutions for the packaging industry, DuPont presented during the Flexo-Print-Pack Congress the results of a Life Cycle Assessment (LCA), comparing Flexo to Gravure in order to quantify the environmental performance of the two alternatives, additionally to comparing solvent processing to thermal processing.

The study, based on data collected from tradeshops and printers serving the flexible packaging and tag and label markets in North America and Europe during 2006-2007, was conducted in compliance with ISO 14040-44.

Comparing the results of flexographic printing versus rotogravure printing, flexography has a 43% lower environmental impact for greenhouse gas emissions and 31% lower use of non-renewable energy use on an area of printed product basis. To illustrate the inherent technology differences between flexographic and rotogravure printing, aligned models were developed based on printers only using plastic substrate. The average aligned plastic substrate flexography impact is 51% lower in GHG emissions and 48% lower in non-renewable energy consumption than the average aligned plastic substrate gravure impact.

A second study comparing thermal platemaking to solvent platemaking for flexo indicate that thermal imaging results in a reduction in non-renewable energy of approximately 60 percent and a reduction in greenhouse gas emissions of approximately 51 percent.

**Data retrieved from the Life Cycle Assessment available under www.cyrel.com*

Dynagraph traces its roots back to the 1970s. Dynagraph is at the cutting edge of transfer of printing technology.

Dynagraph for Printing Industry Ilc, Dubai serves as a regional hub, operating from the commercial capital of the United Arab Emirates to coordinate all activity in the Gulf.

Dynagraph for Printing Industry Sal (Offshore) and Dynagraph Lebanon sal cover the near eastern markets.

Dynagraph is a small to medium size business with 90 employees.

Dynagraph aims for a balanced product mix between supplies, pre-press, press, after press, converting, consumables and services

In prepress with both standard and bespoke hard and software solutions from DTP to high-end systems Dynagraph deals with manufacturers such as Fuji Film Graphic Arts or DuPont.

In press, sheet and webfed manroland is Dynagraph's partner provides a wide range of highly developed presses and services, whether in commercial, packaging or publishing printing.

In after press, our partners in this sector are leading manufacturers like Kolbus, MBO, Schneider_Senator, Theisen & Bonitz, and others.

Kolbus offers the most extensive machine range in the industry. Hardcover as well as adhesive bound products such as catalogues, magazines, schoolbooks, paperbacks, and a variety of other products.

For special types of projects for the packaging and converting industry, Dynagraph works together with world leading manufacturers and foremost suppliers of products for solid board, corrugated board and flexible packaging industries e.g. Mark Andy, Winkler+Dünnebier,

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The 2010 International Grand Prix Cyrel® Awards Ceremony

Initiated in 1982, the Grand Prix Cyrel® competition promotes the growth of flexography within the packaging industry.

For the 2010 event, more than 750 entries, printed with DuPont Cyrel products, were submitted from the countries: Africa, France, Greece, Italy, Middle East, Portugal, Spain, Turkey and United Kingdom. All materials were 'real jobs' produced for commercialization.

On March 23rd and 24th, an independent expert jury panel, led by Ramon Xifra Pagés CEO, Comexi Group, S.L. assembled at the Escola Arts Grafiques Antoni Alguero in Sant Just Desvern, Spain and selected the winners of the Mediterranean contest. The flexo printing packages submitted to the jury were evaluated on criteria such as package design, substrate selection, quality and difficulty of reproduction and printing, and final printed package appearance and functionality. Submissions were placed in the following categories: Carrier Bags, Bags on Paper, Sacks, Tag & Label, Flexible Packaging, Folding Carton/Beverage Carton, Corrugated Pre-Print, Corrugated Post-Print B flute and Coarser, Corrugated Post-Print E flute and Finer as well as Best Conversion and special mention to Tissue.

During a gala dinner the winners of the Grand Prix Cyrel® were remitted their awards. At this occasion, congratulations to our customer INDEVCO Paper Containers - Lebanon, who won the second place in the category of Corrugated Pre-Print E-Flute & Finer.

For more information on DuPont de Nemours and its product range please contact your local Dynagraph partner.



INDEVCO Paper Containers - Lebanon receiving their award.
 From left to right: Mr. Elie Khattar, Unipak Manager- Repro Center; Mrs. Asuman Yazici, Sales Manager responsible of DuPont Turkey; Mr. Antoine Douaiher, Indevco Director Business Development; Mr. Abdo Khoury, Dynagraph Sales Manager.