



**International Trade Fair for Plastics and Rubber
26 – 29 April 2005
Singapore Expo**

www.aseanplas-singapore.com

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Wealth of Technology Highlights at ASEANPLAS 2005

Whether it is environmentally-friendly additives and compounds, engineering plastics, the latest in compounding, film, and sheet extruders, or cutting-edge injection machines, advanced blow-moulding and thermoforming solutions, value-adding decoration equipment, and efficiency-enhancing auxiliary equipment and software tools, come opening day 26 April 2005 and ASEANPLAS will have it all on display.

Take Plug Xpress from Germany's Windsor as an example. This "add-on" injection unit can be "plug & play" retrofitted to any existing injection moulding machine to enable multi-colour or multi-component processing with minimal investment. Plug Xpress realizes optimum use of existing capacities and quick start-up.

In the blow-moulding arena, Nissei ASB will introduce the PF8-4BV4 stretch blow-moulding machine to the ASEAN market, demonstration moulding of a 300-ml carbonated soft drink bottle by using a special fast-cycling version of this machine. Also on display will be the low-cost Challenge Series ASB-50MB machine, which will mould a 150-ml cosmetic container in a 4-cavity tool.

State-of-the-art thermoforming technology will be on show at the Kiefel stand. The THERMORUNNER KTR 5 for the cost-efficient manufacture of cups and lids can run at up to 45 cycles a minute (dry run), with optional configurations available for formed container heights of 115 and 150 mm.

Recycling solutions are also in abundance. The Plastcompactor from Herbold, for example, enables recycling of PET bottle flakes into an easy flowing material with high density. Compacting discs are employed to "slightly sinter" the PET flakes, thereby guaranteeing the desired crystallization without an unwanted decrease in IV value.

Also on the environmental front, the Palltruder from Pallmann was developed to produce dry, homogeneous granules of Pallwood wood plastic composite for subsequent processing into products such as decking material and furniture. A dosing system allows adjustment of the component ratio. The type of plastic, the type of wood flour and its moisture content (not exceed 8%) are the deciding factors for this ratio. The Pallwood produced has moisture content of below 1%. The Palltrusion process employs friction heat only, thereby minimizing thermal degradation. Palltruders with capacities between 200 and 2,000 kg/h are available.

Advances are on show in gravimetric batch blending with Motan's GRAVInet blending control for its GRAVICOLOR gravimetric batch blenders. It can control, manage, and monitor a GRAVICOLOR unit with up to six material components. An embedded micro-controller and on-board Ethernet port facilitate communication with other Motan blending, conveying and drying units. The optional integrated convey control in GRAVInet manages up to seven material loaders and one blower with filter for the conveying system. The loaders can be used to feed other production equipment or the GRAVICOLOR itself. Thus, for smaller applications, GRAVInet eliminates the need for a separate conveying control.

Another control technology highlight at ASEANPLAS is a sophisticated system from Breyer for controlling film and sheet thickness to within five-thousandths of a millimeter during production and at full load — all without the use of any mechanical adjusting parts. Set points are entered via a color touch screen and the die gap then changes instantaneously. Breyer's new operation mode allows precise and automatic adjustment of the gap simply by changing the extrusion speed.

All these and more at ASEANPLAS 2005.

(For more information on the products and services on display at ASEANPLAS, please visit http://www.aseanplas-singapore.com/sp_preview.php)

Other events held concurrently with ASEANPLAS 2005

APN Technology & Business Conference 2005 / 26-27 April 2005

A comprehensive two-day programme compiled by the Asian Plastics News magazine will feature an international panel of expert speakers covering topics that can make a real difference to the business and its competitive position. The conference will focus on advanced technologies that can add value to business operations and increase competitive edge. Other issues discussed will range from critical business and management issues for Asian plastics processors to practical advice on managing an efficient, world-class plastics processing operation in a fast-changing business environment.

For more information, please contact:

Asian Plastics News (Singapore)

Tel: (65) 6222 2933

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Training Course on "Plastics Technology" / 28-29 April 2005

The course is jointly organized by Chatsworth Hall Pte Ltd and enys international pte ltd. It will offer a thorough and comprehensive coverage of the main aspects of plastics materials – commodity and engineering thermoplastics and thermosets – as well as the major fabrication processes, with emphasis on injection moulding, along with coverage of compounding and additives, process ancillary equipment, testing and economics.

For more information, please contact:

Chatsworth Hall Pte Ltd

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ASEANPLAS 2005 will open its doors from 26 to 29 April 2005 at Singapore Expo. Admission is free and restricted to trade visitors and professionals only. The exhibition hours are from 10.00am to 6.00pm 26 to 28 April and from 10.00am to 5.00pm 29 April 2005. Visitors can now pre-register their visit online at <http://ssci.inforev.com.sg/ssci/aseanplas.asp> and take full advantage of ASEANPLAS 2005's Business Matching services.

ASEANPLAS is a project by the ASEAN Federation of Plastic Industries (AFPI) and hosted by the Singapore Plastic Industry Association. It is endorsed by the Singapore Exhibition and Convention Bureau as an Approved International Trade Fair and supported by the European Committee of Machinery Manufacturers for the Plastics and Rubber Industries (EUROMAP), the Association of Japan Plastics Machinery (JPM) and K Düsseldorf, the world's leading plastic and rubber trade fair.

For more information, please visit www.aseanplas-singapore.com or contact:

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