



International Trade Fair for Plastics and Rubber
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Singapore Expo

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Wealth of New Product Introductions Planned at ASEANPLAS

ASEANPLAS incorporating ASEANRUBBER 2008, Southeast Asia's largest and most dedicated platform for plastics and rubber, will open its doors on May 26 to the region's processors with scores of new and improved products and solutions set for debut in the Southeast Asian region.

Motan, for example, will showcase its MINOCOLOR G compact gravimetric dosing/blending unit for the addition of masterbatch/additive in granular form. The unit is suitable for use on injection moulding/blow moulding machines and extruders. The speed of the dosing screw is continuously monitored and automatically adjusted to the dosing throughput resulting in maximum repeatability. Furthermore, calibration is carried out automatically with the MINICOLOR G, whereas manual calibration is necessary with volumetric units.

KraussMaffei is bringing all-electric technology to ASEANPLAS with its KM 80-180 EX injection machine, producing wire end ferrules from liquid silicone rubber. LSR requires minimal venting gaps. The EX scores here with exact platen parallelism using its patented Z-toggle to prevent flash. Further, the metering precision of the plasticizing unit ensures exactly filled cavities, with no risk of over-feeding. The outcome is improved product quality and minimized mould wear.

Italy's **Moss srl** plans to introduce its printing technology for plastic product decoration, including a new 9-colour or 8-colour silk-screen printer plus lacquering for decoration of plastic flexible tubes. Moss has also broadened its offerings for decorated plastic buckets with the MO 4083/8, for the execution of very high quality printings. This unit can be coupled with a lacquering machine, the MP8-LAC, with on mandrel UV drying allowing direct printings of significant quality and intense bright and deep colours to be obtained,

Thermoforming solutions provider **Gabler** will debut its 2008 version M92 machine in Southeast Asia at ASEANPLAS. The innovative and reliable tilt machine with optimized and revised drive technology enables production capacities of up to 80,000 drinking cups per hour. The M92 offers optimum solutions for articles stacking/counting, as well as connection with downstream equipment such as rim roller and packing machines for small bags. Lightweight 200-ml PP cups weighing no more than 1.7 g can be automatically packed.

One of the highlights at auxiliaries' supplier **Piovan** is a new range of mobile drying systems with drying hoppers having volumes from 30 through to 300 litres. The DP-Z series was entirely conceptualised and developed by Piovan Zhuhai in China through a joint collaboration with the company's sales network and customers. The desiccant dryers can cover applications with all hygroscopic resins to be dried at temperatures up to 150°C and dew point of -45°C.

For processors wishing to improve production efficiency, exhibiting company **RJG** has developed the Press Fit Cavity Pressure Sensor as a tool to analyze temperature variation inside the actual mold cavity. The sensor works in conjunction with RJG's *eDART*[™] Process Control System to assist molders in diagnosing processing problems relating to temperature issues such as broken heater bands or blocked water channels. The press-fit cavity temperature sensor is simple to install by drilling a small hole for the wire, and a flat bottomed pocket with the tolerance necessary to press fit the device in from the cavity face. Sensors should be located in areas where short shots, dimensional errors or warp are likely to occur. To detect non-uniform cooling, the sensors should be placed in strategic locations of the mold to catch any inconsistencies.

Konica Minolta Sensing will introduce the new Non-Contact 3D Digitizer Range7 at ASEANPLAS, a high-accuracy 3D digitizer for acquiring three-dimensional profiles of plastic parts. The new product utilizes a 1.31-megapixel CMOS sensor and provides the highest level of guaranteed accuracy for a non-contact camera type digitizer at $\pm 40\mu\text{m}$ based on VDI/VDE 2634 ball bar accuracy evaluation. Testing methods utilizing ball bars are currently been proposed as the new Japanese Industrial Standards for testing using CMM (coordinate measuring machines).

Added bonuses

- **ASEAN Plastics Technology Showcase**, being held for the second time following on from its successful debut at ASEANPLAS 2005. Highlights of the showcase include an advanced moulding technique based on expansion-compression moulding for producing stress-free plastic lenses,

resin Transfer Moulding (RTM) and the vacuum infusion process (VIP) for fabricating low volume, high structural performance thermoset composites, RFID (radio frequency Identification) technology and applications of polymer materials in microfluidic and biomedical device manufacturing.

- ASEANPLAS will also coincide with the Asian Plastics Forum (APF) on May 27, which will bring representatives from plastics associations throughout Asia together at a high-level summit that will discuss issues of relevance to the plastics processing industry.
- A two-day conference starting May 27 focusing on Innovations in Injection Moulding Technology and organized by The Chatsworth Group also adds more value to a visit to ASEANPLAS. The Chatsworth Group is also organizing a **two-day intensive Training Course on Plastics Technology** together with partner enys international on 28 and 29 May 2008.

Show facts

ASEANPLAS 2008 will open its doors from 26 to 28 May 2008 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 May and from 10.00am to 5.00pm 29 May 2008. Visitors can now pre-register their visit online at 203.127.83.145/aseanplas_e/registration/index.asp and take full advantage of ASEANPLAS 2008's Business Matching service

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), and K Düsseldorf, the world's leading plastic and rubber trade fair.

More information on ASEANPLAS can be found www.aseanplas-singapore.com or please contact:

Exhibition Information

Jean Ham, Project Manager
Lee Hsiao Ning, Project Executive
Messe Düsseldorf Asia Pte Ltd
3 HarbourFront Place,
#09-02 HarbourFront Tower Two
Singapore 099254
Tel: (65) 6332 9646 / 6332 9623
Fax: (65) 6337 4633 / 6332 9655
Email: aseanplas@mda.com.sg

Press Information

Rita Biswas
Senior Marketing Communications Manager
Messe Düsseldorf Asia Pte Ltd
Tel: (65) 6332 9645
Fax: (65) 6337 4633 / 6332 9655
Email: press@mda.com.sg