

## 2008 Edition

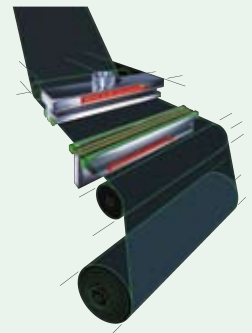
### New Static Locator



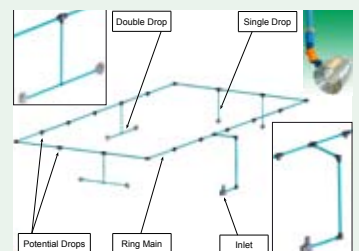
### Meech's JetStream Air Knife System Dries Extruded Foam



### Improve Laminating Quality – World Leader Chooses Meech



### Distributors Wanted for New Air Drying System



## Meech International

2 Network Point  
Range Road, Witney  
Oxfordshire, OX29 0YN  
UK

Tel: +44 (0) 1993 706700  
Fax: +44 (0) 1993 776977  
E-mail: sales@meech.com

## Meech Static Eliminators USA Inc.

2915 Newpark Drive  
Norton, OH 44203  
USA

Tel: +1 330 564 2000 / 1 800 232 4210  
Fax: +1 330 564 2005  
E-mail info@meech.com

## Meech Elektrostatik SA

Av C Grandprez 27  
B 4970, Stavelot  
Belgium

Tel: +32 8086 2983  
Fax: +32 8086 2821  
E-mail: mesa@meech.com

## Meech CE

2151 Fót  
Széchenyiút. 46  
Hungary

Tel: +36 27535075  
Fax: +36 27535076  
E-mail: ce@meech.com

## Meech China

Room 1105, No.5 Building, SIPPC  
1111 Zhennan Rd, Putuo District  
Shanghai 200331  
China

Tel: + 86 21 6608 1980 6608 1981  
Fax: + 86 21 6608 1982

Mobile: 01380169 2517  
E-mail: china@meech.com

## New Appointments



Meech International is pleased to announce the appointment of David Rogers as International Product Manager (IPM) for its comprehensive range of industrial static control solutions. No stranger to Meech and many of its customers, David has been working at the company for the past 13 years in a technical sales support role. This new position will see him use his applications expertise and product knowledge to promote the continued development and growth of Meech's static control systems throughout the world. The Meech industrial product range falling within David's portfolio comprises both Series 900 and Series 200 products that are used worldwide to increase productivity and profitability in industries such as printing, plastics, converting, packaging, medical and pharmaceuticals.



The Surface Cleaning Technology Division (SCT) also has a new IPM - Alan Chadwick. Alan has been with Meech for 9 years and has now moved into the IPM role for Meech's range of customised solutions for effective web cleaning.



Paul Turner has been appointed as Marketing Agent for the northeast region of the UK formerly covered by Alan Chadwick.

Meech's Air Technology Division has been further strengthened by the appointment of Iain Cameron as International Product Manager. Iain will oversee the growth and further development of the MAT range of compressed air products.



Customer support in Germany has been strengthened by the addition of Ralph Simon, Technical Sales, based at the Meech Elektrostatik office.



## New Static Locator

Meech launched its new 983v2 Static Locator at K2007. This new product provides an accurate measurement of electrostatic charges. With a larger easy-to-read digital output display, its modern ergonomic design means that it is simpler to operate than previous versions. For reproducible results, the new 983v2 incorporates auto distance sensing. It is suitable for use by production, maintenance, inspection and quality engineers and on any material where static may be an issue.



## Energy Saving - Hitting the Bottom Line

Compressed air is a clean, powerful source of energy used in large volumes by manufacturing companies that are now facing high energy cost increases. Inefficient use of compressed air is rapidly becoming a thing of the past as companies calculate the potential energy savings that can be realised by using energy efficient compressed air products.

Meech Air Technology specialises in reducing the amount of compressed air companies consume. Installation of its range of energy saving products can immediately reduce compressed air usage by up to 70%, whilst increasing air output by 25 times.

Meech compressed air solutions will provide savings clearly visible on every energy bill; savings that in many cases will repay investment within weeks and which will continue to provide benefits for years to come.

## Meech's JetStream Air Knife System Dries Extruded Foam Like No Other

Engineers at Meech International enjoy solving challenging drying applications. When they were approached by a manufacturer of extruded polystyrene foam insulation boards, they were told that every system tried so far had failed to solve their particular problem. What they needed was a powerful and effective drying system that could completely remove water from the insulation boards before they were sent to the trimming/cutting machine.



Manufacturing extruded polystyrene boards involves passing polystyrene crystals and additives through an extruder at high temperature and pressure, then forcing the resulting mixture through a die. As it exits the die, it expands to form foam. The foam is then floated on water to cool it down, but in order to ensure that the final cutting process is both clean and productive the boards need to be dry, requiring the residual

water to be removed. However, this wasn't as easy as it sounded due to the fact that the boards have a rough "orange peel" surface, which consequently traps more water, making it more difficult to dry.

As well as drying the foams for processing and water recycling the system needed to keep the factory environment clean and dry for health and safety compliance.

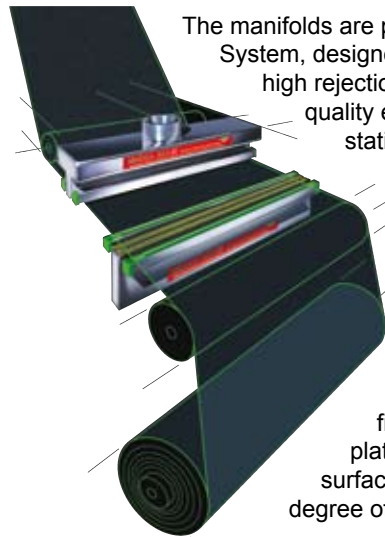
In the case of the extruded polystyrene foam boards, JetStream air knives were used to create a "letterbox" that the boards passed through, ensuring they were completely dry.

"JetStream has proved itself time and time again for challenging drying applications," explains Adam Battrick, International Product Manager for Meech's JetStream system. "Not only does it dry efficiently, it can replace existing and costly compressed air systems that are commonly used. JetStream provides increased performance for considerably lower running costs."

## Improve Laminating Quality – World Leader Chooses Meech

TechNova manufactures offset plates as part of an ongoing partnership with Agfa-Gevaert N.V. and is a world leader in the supply of printing products. With the purchase and installation of 2 web cleaning manifolds from Meech International, TechNova has now further improved quality and reduced rejection rates on its production line.

Lamination is an important part of the manufacturing process as the aluminium litho plates need to be coated with a protective film to ensure they can stand up to the toughest printing environments. However, it is of vital importance that the film is kept clean, as any contamination would lead to poor and unacceptable quality.



The manifolds are part of Meech's Series 1000 Web Cleaning System, designed to solve the problem of dirty webs causing high rejection rates in laminating processes and poor quality end product. Combining Meech's expertise in static control and dust control systems, this versatile and modular system can be installed in a variety of web cleaning application to ensure first class quality.

The manifolds carry out three actions. Firstly the static elimination bars break the electrostatic bonds between the dust and the web, secondly, the brushes are designed to remove even the smallest of particles and finally the specially developed vacuum control plate gives complete coverage of the material surface, removing contaminants to a very high degree of efficiency.

## EXHIBITIONS

Meech is exhibiting at:

 **ChinaPlas<sup>®</sup> 2008**  
国际橡塑展 2008

**ChinaPlas**  
Shanghai, Peoples Republic of China  
April 17th - 20th 2008  
Stand Number: W1E49



print media messe  
**drupe**

**Drupe**  
Düsseldorf, Germany  
May 21st - June 11th 2008  
Stand Number: 10 E52-3

## automechanika

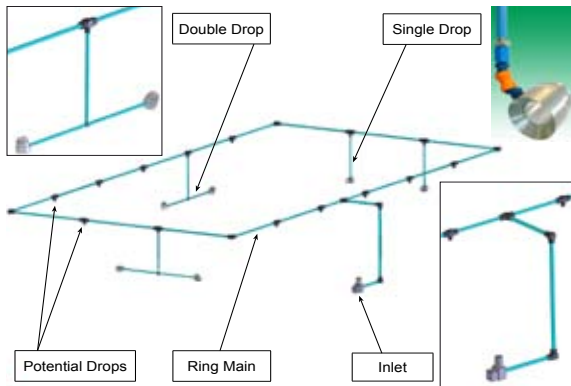
**Automechanika**  
Frankfurt am Main, Germany  
September 16th - 21st 2008



**Fakuma**  
Friedrichshafen, Germany  
October 14th - 18th 2008

# Distributors Wanted for New Air Drying System

As a result of an increase in sales opportunities, Meech International is looking to expand the distributor network for its unique SpeedDri paint drying system. Companies selling into the vehicle refinishing and crash repair markets throughout the UK are being offered the opportunity to increase their current portfolio of products, with special price deals available.



SpeedDri is a new system for the fast and efficient drying of waterborne paint jobs throughout the car refinishing industry. Designed to accommodate workshops that can no longer use traditional solvent-based paints, SpeedDri directs a stream of air over the surface of the basecoat to speed up the evaporation process, significantly reducing drying time and therefore increasing throughput.

SpeedDri is an in-booth modular system that can be fitted in almost all existing systems currently in workshops. It is quick and easy to install and its versatility allows an almost limitless set-up. Using proven compressed air technology, its innovative design, with no moving parts, means that it requires very little maintenance. It is an ideal alternative to other more expensive in-booth systems, while its cost is comparable to less efficient hand-held or stand-based systems. Mounted above ceilings and filters, SpeedDri combines practicality, performance and clutter-free installation.

## Static Related Health & Safety



Plastics Federation ([www.bpf.co.uk](http://www.bpf.co.uk)).

Meech Regional Sales Director, Trevor Pimm, recently presented a detailed assessment of the causes and dangers of static electricity at an 'Electrical Safety in the Workplace' seminar organised and held by the British

Trevor commented "the seminar ran very smoothly and was well attended by health and safety professionals involved in plastics manufacture".

## Literature Update

Meech is continuing to expand its range of industry specific application guides, which are available from the download section of [www.meech.com](http://www.meech.com) or in hard copy format. Guides are now available in English, German, Chinese, Italian and Polish and cover the plastics, converting, packaging and printing industries.



## New Distributors

Limex-Technik s.r.o.  
Strma 1429,  
CZ-464 01 Frydlant; Czech Republic  
Tel: +420 482 312521  
Fax: +420 482 312477  
e-mail: [limex@limex-technik.cz](mailto:limex@limex-technik.cz)  
[www.limex-technik.cz](http://www.limex-technik.cz)

Kasi s.r.o.  
Stavbarska 42,  
821 07 Bratislava 214; Slovakia  
Tel: +421 2 4564 2611  
Fax: +421 2 4564 2612  
e-mail: [kasi@kasi.sk](mailto:kasi@kasi.sk)  
[www.kasi.sk](http://www.kasi.sk)

Kromlek Limited Sti Tekin Sok.  
Baskanlar Sitesi 3A Blok Da:12,  
Koşuyolu Kadıköy Istanbul 34718  
Tel: + 90 216 325 27 47  
Fax: + 90 216 327 60 18  
e-mail: [info@kromlek.com.tr](mailto:info@kromlek.com.tr)  
[www.kromlek.com.tr](http://www.kromlek.com.tr)

Cabarria & Cia S.A.  
Cra 14 77-59  
Bogotá; Colombia  
Tel: 571 319 0100  
Fax: 571 256 1519  
e-mail: [cabarriacontacto@cabarria.com](mailto:cabarriacontacto@cabarria.com)  
[www.cabarria.com](http://www.cabarria.com)



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**Meech International**  
2 Network Point  
Range Road, Witney  
Oxfordshire, OX29 0YN  
UK

Tel: +44 (0) 1993 706700  
Fax: +44 (0) 1993 776977  
E-mail: [sales@meech.com](mailto:sales@meech.com)

**Meech Static Eliminators USA Inc.**  
2915 Newpark Drive  
Norton, OH 44203  
USA

Tel: +1 330 564 2000 / 1 800 232 4210  
Fax: +1 330 564 2005  
E-mail: [info@meech.com](mailto:info@meech.com)

**Meech Elektrostatik SA**  
Av C Grandprez 27  
B 4970, Stavelot  
Belgium

Tel: +32 8086 2983  
Fax: +32 8086 2821  
E-mail: [mesa@meech.com](mailto:mesa@meech.com)

**Meech CE**  
2151 Fót  
Széchenyiút. 46  
Hungary

Tel: +36 27535075  
Fax: +36 27535076  
E-mail: [ce@meech.com](mailto:ce@meech.com)

**Meech China**  
Room 1105, No.5 Building, SIPP  
1111 Zhennan Rd, Putuo District  
Shanghai 200331  
China

Tel: + 86 21 6608 1980 6608 1981  
Fax: + 86 21 6608 1982  
Mobile: 01380169 2517  
E-mail: [china@meech.com](mailto:china@meech.com)

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