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PRESS RELEASE

SWISS PARTNERSHIP DRIVES INNOVATION – Product Launches

On September 10th 2015 at IMD Ltd in Brügg, Swiss market leaders presented their cooperatively engineered innovations for the first time. An international audience witnessed the Product Launch Event for the plastic packaging industry. Swiss partnership has delivered unique products in a short time by combining each company's specific skills: IMD (Inspection/Handling), PackSys Global (Slitting/Folding), HAPA (Digital Print) and Tanner (Preform Feeding). The outcome are innovative system solutions based on the expertise, newest technologies, experience and of course Swiss quality – and all this for a very competitive price!

The partners agree that the cooperation is very successful. The new solutions had a short time to market because each partner contributes with skills in its specific segment that combines perfectly. To have a similar company philosophy and close proximity to each other makes working cooperatively simple. Open communication is utilized and therefore a productive partnership based on trust with an active, inspiring innovative culture occurs naturally.

At the product launch event international visitors experienced running systems with experts available to answer any questions; providing a deep insight into the new systems and their abilities.

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IMD Product Launch Highlight No 1:

IMDvista® V5
Control center for the complete downstream equipment

IMDvista® V5 is more than a vision system, it is the new control center for the complete downstream equipment. A large and state of the art touch screen provides a complete overview of your production, the system setup, the inspection and the statistical data.

Deviations and alarms are easy to understand and analyze. Immediate corrective actions save time and money. Even for untrained personnel the navigation is intuitive and the system very easy to use.

IMDvista® V5 is a new development from IMD based on proven and state of the art technologies. The system is even more powerful than Version 4 and is easy to use as an app on your Smart Phone. Our high demand for quality and our drive to perfection makes the system extremely robust and reliable.

That's our understanding of product design – state of the art technology, clear design and easy to use.

Facts
− A fully integrated machine interface
− One screen for complete overview
− Powerful / robust / reliable
− Ease of use in the focus
− State of the art touchscreen
− Intuitive handling
− Self learn functions

IMD / PackSys Global Product Launch Highlight No 2:

Swiss Downstream Line SDL
Complete downstream equipment for closure production

Swiss Downstream Line SDL is a complete downstream equipment for closure production; including inspection, slitting and folding. For this joint development the two market leaders combine their extensive skills.

The new system offers tremendous advantages to the market. The compact layout sets new standards. Driven by the IMDvista® V5 Vision Control Center, operators always have a perfect production and performance overview.

The end result is a whole system that is available for a lower investment. Closure manufactures gain shortest paybacks for proven and known Swiss Quality.

IMD Technology
- IMDvista® WFS Waterfall Sorter
- Spark tester for pin hole detection
- Vision System on vacuum conveyor
- Controlled and monitored by the IMDvista® V5 Vision Control Center
- All integrated in a compact machine

PackSys Global Technology
- Infeed jet stream
- Metal detector
- Slitting turret
- 12 customized slitting mandrels
- Folding turret
- 12 customized folding tooling
- Discharge by star wheel (closures separation)

Facts
- Compact and standardized layout
- One control center (HMI) for the whole system
- Ease of use for high user efficiency
- Lower investment for shortest paybacks

IMD / Hapa Product Launch Highlight No 3:

Closure Digital Print (CLDP)
The efficient way of printing closures, precise and exceedingly flexible

This is a complete system solution for digital closure printing with integrated inspection system. Changeover in print format and closure design is very easy and fast. Flexible customer oriented printing solutions are now a reality in a very high printing quality. Print any quantity sold instantly with flexibility and a quick delivery time.

Two market leaders joined with only one goal: perfectly combine proven technologies for a most flexible and robust system solution for the market.

Digital Print meets Closure Handling with integrated Inspection System.

IMD Technology
− IMDvista® WFS Waterfall Sorter
− Special vacuum conveyor (metal instead of plastic)
− Closure pretreatment
− Controlled and monitored by the IMDvista® V5 Vision Control Center
− All integrated in a compact machine

Hapa Technology
− Digital UV Inkjet «redcube plus»
− Automatic cleaning and conserving system
− CMYK or 4-Color single color printing
− stackable up to 7 colors «easy extension»
− High opacity white
− Certified Hapa ink
− Resolution 720dpi
− Printing speed up to 60m/min

Facts
− Flexible customized printing
− High Quality in CMYK
− Process flow: descrambling, printing, inspection
− Fast change-over of formats and designs
− Easy operation
− Small foot print
− Automated Ink handling
− Automatic cleaning and conserving system
− Inks are compliant with Nestlé positive list
− Speed up to 1500 cpm

IMD Product Launch Highlight No 4:

IMDvista® PECO LUX
Inline preform process monitoring by smart camera inspection technology

Main performance quality drifts plus color variations can be monitored by IMDvista's PECO LUX system in a continuous mode. This camera based testing system requires no additional floor space; its installation is simple and demands very little modifications on existing production lines.

The fully integrated and operational monitoring system can inspect a great variety of preform formats with a single set-up. A smart software – based on self-learn functions (AI) – makes the system easy to use for operators. This unique customer driven innovation opens a new perspective to smart and economic inspection routines for all preform production lines.

Facts
− Easily integrated into existing production systems
− Requires no additional space / no preform orientation necessary
− Smart software based on self-learning functions / IMDvista® V5
− Alerts you immediately if something goes wrong
− Saves money through pre-alarm function