



**WINDMÖLLER & HÖLSCHER**

**PRESSE-INFORMATION | PRESS INFORMATION**

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## **OPTICOOL**

### **New High-output Air Ring**

*The output rate of a blown film line depends greatly on how quickly the film bubble can be cooled. Researchers keep this in mind when trying to develop innovations that increase output. Until now, machine manufacturers have been focusing on double air rings. Over the years W&H has pushed the envelope on output limits with its highly successful MULTICOOL D dual air ring. But now, its successor, the OPTICOOL, takes outputs to the next level. W&H features a 5-layer VAREX blown film line, equipped with OPTICOOL, at the K 2010 show. Using a 400 mm die and extruding a polyolefine-based film, the line reaches spectacular 1000 kg/h!*

OPTICOOL employs a new method of attaining optimal air flow. Through extensive testing, a solution was developed which led to increased output as well as improved gauge control. Similar to earlier



models, the OPTICOOL makes use of the proven OPTIFIL P2K, which achieves uniform film thickness by precise control of air temperature inside the cooling ring.

Apart from the higher outputs and improved film quality, the OPTICOOL offers easier handling and more flexibility. The user benefits from reaping the advantages of OPTICOOL over a wider range of layflat widths than before.

The best proof of the new cooling ring's superior performance comes from the wide acceptance it has received among film manufacturers. Since being introduced on the market last November, a substantial number of systems have been sold.

Windmüller & Hölscher is an international leader in the design, manufacturing and distribution of machinery for the flexible packaging industry and is based in Lengerich, Germany. The product range includes flexographic and gravure printing presses, blown and cast film extrusion systems, multiwall equipment, plastic sack and bag making machines, as well as form-fill-seal machinery.

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With the newly developed OPTICOOL high performance air ring W&H is presenting the successor model to its renowned MULTICOOL D dual air ring system. The innovative OPTICOOL concept increases blown film output notably as compared to the dual deck concept.