

WINDMÖLLER & HÖLSCHER

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**FFS Packaging Systems Tailored
to Most Different Requirements**

At Powtech 2008, Windmüller & Hölscher (W&H) will be presenting its completely revised current machinery program for FFS (Form, Fill and Seal) applications, including four different machine types for varying output levels up to in excess of 2,200 sacks/hour. The lines can reliably handle free-flowing as well as dusty, heavy-flowing and aerated products.

Where the requirement is for small or irregularly placed bagging orders, the new RUBIN with an output of 400 sacks/h is the ideal FFS packaging system. Equipped with features and components that have been field-proven in several hundred W&H FFS machines world-wide, the RUBIN is an economically priced and reliable bagging system excellently suited for applications requiring low level performance. It offers filling plants the opportunity of shifting from manual to automatic bagging processes.

The OPAL is a new W&H development specially designed for FFS packaging applications involving highly dusty and powdery as well as non-free flowing products. A closed system, which is patent pending, ensures that the difficult to handle products, as are frequently used in the chemical as well as building material sector, are bagged in a controlled manner keeping air inclusion in the product to the very minimum. Consequently, the OPAL is capable of handling products so far excluded from FFS technology.

Versatility, high performance capability, and reliability have made the TOPAS, the third gem of the range of FFS packaging machines offered by the Lengerich machine manufacturer, one of the most successful bagging systems available in the marketplace. Depending on the customer's requirements, the peak model for allround bagging applications comes in two different versions, i.e. one machine laid out for consumer products, featuring a handle punch as well as edge sealing capability, and the other one for the high speed bagging of standard plastic resins for industrial applications, featuring an automatic roll change system to minimize downtime.

The company's latest generation high-performance DIAMANT FFS system features an all-new drive technology and a newly developed weighing scale. Designed for high maximum bagging speeds and equipped with a rotary filling section, the DIAMANT is ideal for consistent and continuous operation, as required in the petrochemical industry, for example.

Improved performance, operating convenience, and reliability when weighing free-flowing products, from powdery bulk goods to pellets, mark the characteristics of the new W&H high-performance net weigher. It is the ideal supplement to new FFS equipment and is also available as a retrofit to upgrade existing bagging lines. When designing the new weigher, high performance and consistently accurate filling weights were given prime consideration. Product feed, weighing vessels and weigher enclosure are made of stainless steel.

Windmüller & Hölscher is an internationally leading manufacturer of machinery and equipment for the flexible packaging industry, the product spectrum encompassing blown and cast film lines, flexographic and gravure printing presses as well as finishing machines, multiwall equipment, plastic sack, bag and carrier bag making machines, as well as form-fill-seal (FFS) packaging systems and machinery for the conversion of woven film.



Foto-Nr. PR 1214:

Small or irregularly placed bagging orders for free-flowing products is the ideal application spectrum of the new RUBIN.



Foto-Nr. PR 1211:

The reliable bagging of dusty and heavy-flowing bulk goods is the special forte of the OPAL which made its debut at interpack.



Foto-Nr. PR 1212:

The TOPAS with edge sealing capability lends itself to the bagging of consumer products.



Foto-Nr. PR 1221:

The new W&H high-performance net weigher excels with excellent weighing accuracy. Large swing doors provide easy access for cleaning and maintenance.