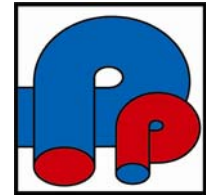


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PRESS RELEASE



WITTMANN BATTENFELD at the Plastpol 2010:

WITTMANN BATTENFELD excels at Plastpol

The participation of WITTMANN BATTENFELD at the Plastpol, the leading trade fair for the plastics processing industry in Eastern Europe, was a complete success. The organizers of the fair awarded two medals to the company, an unprecedented achievement in the history of Plastpol.

From May 25 to 28, WITTMANN BATTENFELD presented itself for the 12th time at the Plastpol in Kielce, Poland, where some 700 companies from the plastics industry took part, coming from all over the world. At the Plastpol, WITTMANN BATTENFELD introduced its new *EcoPower* and the HM180 Aquamould to the general public. The response from visitors was overwhelming.

WITTMANN BATTENFELD's achievements were also honored by a jury of experts, consisting of representatives from the Polish Technical University, various plastics institutes and the organizers of the Plastpol trade fair. At the request of the jury, WITTMANN BATTENFELD was awarded a total of two medals, an unprecedented event in the history of Plastpol.

In the category of "plastics processing machinery and equipment", the company won a first place with the *EcoPower*, in the category of "process technology", the AQUAMOULD process with projectile technology was awarded the first prize.

EcoPower – energy-saving, clean and compact

The new *EcoPower* scores above all with its compact, beltless injection unit and a highly accurate clamping unit with direct drive. The braking energy of the drives, normally not utilized at all or recovered by an elaborate system, is utilized as effective energy within the machine by the *EcoPower*.

For maximum customer benefit, the series comes in a modular design and pre-configured. A great variety of machine concepts are available, depending on customers' requirements. The machine system consists of a basic platform that can be supplemented with comprehensive extension packages according to individual needs.

At the Plastpol, the high performance of the new servo-electric series was demonstrated by the production of an LSR O-ring on an *EcoPower* 110/350 in a 128-cavity mold supplied by Rico.

Aquamould with projectile technology

On an HM 180/1330 with servo drive, the process known as Aquamould with project technology was shown. A media cable was produced from PA with a mold supplied by IKV Aachen. With projectile technology, it has become possible to achieve smoother interior surfaces and to form specific cavity geometries as well. The project was presented in cooperation with IKV, Aachen.

The Aquamould process with projectile technology offers a great variety of new possibilities. For instance, residual wall thicknesses can be set regardless of the flow properties of the plastic material processed, resulting in material savings and reductions in cycle times. Moreover, certain design barriers of the conventional Aquamould process can now be overcome. The injector technology has also been simplified compared to the conventional Aquamould process. The new process prevents direct contact between the fluid and the melt while the cavity is being formed.

With the Aquamould process with projectile technology, WITTMANN BATTENFELD has once more presented impressive evidence of its injection molding competence.



Fig. 1: Christoph Marchhart, Regional Sales Manager (3rd from the left), and Zabrzewski Bogdan, Managing Director of the Polish subsidiary (4th from the left) at the award ceremony



Fig. 2: Christoph Marchhart, Regional Sales Manager, (on the left) and Zabrzewski Bogdan, Managing Director of the Polish subsidiary, received the medals on behalf of WITTMANN BATTENFELD.



Fig. 3: EcoPower 110/350



Fig.4: HM 180 Aquamould

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