

European Plastics

A Crain Communications publication

SEPTEMBER 2007

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K'2007 PREVIEW ISSUE



Sidel puts focus on NoBottle design

Sidel will show its newest ideas for PET packaging of beverages in ultra-lightweight PET bottles, new low and high-output-rate blow moulding machines, and an automatic blow moulding process regulation.

In the area of ultra-lightweight packs, Sidel will present its expertise in bottle design in the form of three environmentally friendly designs. The NoBottle is available as a 500ml ultra-lightweight bottle. The company will also show a new one litre family-size bottle and a PLA bottle for packaging edible oil.

The ultra-lightweight NoBottle weighs 9.9 g for 500ml, compared to the average weight of between 13 to 16g for a water bottle of the same size. The NoBottle is 25 to 40% lighter and is made possible thanks to the development of a new technology Sidel calls Flex. This uses what Sidel calls "shape memory" to create a new shape suitable for industrial-scale production. The NoBottle will be produced at the Sidel stand on an SBO 24XS high speed blowing machine.

Sidel is also introducing two new blow moulding machines to its SBO Highspeed and SBO Compact lines. The company will also launch Equinox, an automatic blow moulding process regulation system.

Hall 13 Stand B89

WWW.SIDEL.COM

Techne launches all electric option

Italian manufacturer Techne Technipack Engineering will launch the Advance blow moulding machine, designed to deliver high productivity along with an energy saving of 35% compared with typical hydraulic equipment.

This new machine is fully electric. It uses a new shuttle motion and is designed to cater for a modular configuration of between one and four shuttles. The machine provides adjustable clamping, electronic parison profiling, and features an interchangeable extrusion platform to cater for a wide range of require-

ments and to support production with up to six layers.

The Advance machine uses Cambus wiring with an industrial PC Windows based machine control providing on-line technical assistance and remote production data retrieval. Techne says this dramatically reduces costs, and simplifies maintenance and set-up of production parameters.

Techne says the potential energy savings means users will find the Advance machine offers a rapid return on investment. Having a reduced environmental impact and being quiet and

hygienic also means the Advance is suitable for food applications as well as aseptic, cosmetic and pharmaceutical use.

Techne says Advance buyers will also benefit from the flexibility of the machine, which is capable of production with as few as four or as many as 40 cavities.

The Advance ADV4-510 model will be running every day of the show from 11am to 1pm and from 3pm to 5 pm. It will be producing 250ml bottles for the cosmetic market.

Hall 14 Stand B05

WWW.TECHNE-IT.COM