

## Press Release

Press contact  
battenfeld-cincinnati

Angela Kohlmeier

Telephone: +49 (5731) 242-738

E-Mail:  
kohlmeier.a@battenfeld-cincinnati.com

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[battenfeld-cincinnati extends the application range of its successful uniEX series](#)

### **Multi-purpose co-extruders: now also for sheet production**

*From now on, the successful, standardized and powerful uniEX single screw extruder series from battenfeld-cincinnati Germany GmbH, Bad Oeynhausen, is also available for sheet and board extrusion. Highlights of this extruder series are compact design, a wide processing window and high throughputs with gentle melt treatment. This makes these machines ideal co-extruder models.*

Regardless of whether a sheet manufacturer wants to make special multilayer sheet, mono-material sheet with a slightly modified covering layer or ecological alternatives with a middle layer consisting of regrind, co-extruders are always needed. Here, uniEX extruders allow extremely space-saving concepts, since thanks to their U design they can be installed much more compactly than previous models. This not only ensures a smaller overall footprint of the line, but also shorter melt channels, which in turn has a positive effect on purging time and material consumption.

Since its market launch, the uniEX series has established itself very successfully in the market. Following the extension of its process engineering options, it is now also available for sheet and board extrusion lines in three sizes (35, 45 and 60 mm), and thus replaces all older series. The output rates range from 50 kg/h to 500kg/h, depending on

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the material. The pronounced modularity of the extruders enables them to perform virtually any type of special processing task. A wide range of different plasticizing units is available to cover every application. These come with a choice of either grooved or smooth feed zones. Fitting the extruders with a degassing unit, as is required for ABS processing, presents no problem either.

Moreover, a great variety of different mechanical engineering options are available, such as screw extraction to the rear, a gearless drive via torque motor or flexible positioning of the control cabinet. Extensive standardization in production ensures high and above all fast availability of parts and consequently short delivery times and quick troubleshooting in case of problems.

The models of the uniEX series stand out by their extremely wide process and application window and their ability to process a great variety of different materials thanks to specific screw geometries.

#### **About battenfeld-cincinnati**

battenfeld-cincinnati is a leading producer of energy-efficient, high performance extruders and complete extrusion lines according to customers' specific requirements. It offers a variety of equipment for many different applications in the areas of pipe, profile, sheet, thermoforming sheet and pelletizing.

[www.battenfeld-cincinnati.com](http://www.battenfeld-cincinnati.com)

Picture:

PR 20210407\_BC\_uniEX\_Single\_screw\_extruder.jpg