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## Press release

Main issues for the interpack 2026

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# GRUNWALD shows "must-have" technology for the leading-edge dairy industry

**At the interpack exhibition in Düsseldorf, GRUNWALD will show its sophisticated, ultraclean cup filling machines that are specifically aimed at leading-edge dairies. Visit the Allgäu Alpine-inspired stand B01 in hall 6 to explore our machine concepts with high production speeds, maximum hygiene safety and flexibility for increasing product diversity.**

The highlight of the exhibition will be the 8-lane high-performance cup filling machine GRUNWALD-FOODLINER 20.000UC with a length of 10 metres dominating the 180 square metre stand area. This linear machine achieves production outputs of 20,000 cups/h with a dosing accuracy of  $\leq 0.3\%$ . This machine handles all round standard cups of the dairy industry with a diameter of 95 mm and filling volumes of up to 500 ml. These cups are either closed with aluminium or PP seal lids. This machine is designed for the efficient filling of all kinds of standard dairy products (e. g. yoghurt, mixed dairy products or desserts).

The technical equipment with double advance feed allows for the future handling of two cup formats. The format changeover is user-friendly and is activated at the push of a button. With this forward-looking technology GRUNWALD supports its customers to react to changes in the market.

### Ultraclean hygiene concept to achieve maximum shelf life and product safety

For dairies with high requirements to hygiene and product safety, GRUNWALD has been relying on their ultraclean hygiene concept that has been tried and tested for many years and used worldwide. The packaging materials are sterilised with 2-phase pulsed high-energy UV(C) radiators that is the standard for all ultraclean cup filling machines. The GRUNWALD ultraclean hygiene concept achieves a reliable and guaranteed sterilisation rate of at least LOG4. The products filled in all standard cup sizes of the dairy industry are produced without the use of chemicals and with extended shelf life. The aseptic main filling station type EASYCLEAN is designed in accordance with EHEDG guidelines and meets all relevant standards of the food industry. This hygiene concept is complemented by a laminar cabin

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designed as a hygiene tunnel of cleanroom class 5 (EN ISO 14644). Therefore, this hygiene concept is also specifically aimed at dairies that demand maximum hygiene standards combined with a sustainable operation of the machines and maximum production output.

#### Compact rotary machine suitable for limited production areas

GRUNWALD shows a compact cup filling machine type GRUNWALD-HITTPAC AKH-029S as a flexible counterpart to the large linear machine. On a footprint of less than 2.5 square metres it shows its strengths in filling and mixing. The rotary machine handles all standard cups, larger DUO cups and small buckets with filling volumes of up to 1,000 ml. They are lidded with pre-cut aluminium seal lids or plastic snap-on lids with tamper evident closure. This machine is completely in CIP design, making it particularly suitable for companies that need frequent product changes and short cleaning intervals. The production output is up to 5,000 cups/h.

#### Inline fruit mixer for a maximum variety of products and small batches

One central feature of the rotary machine concept is the integrated fruit mixer that “allows for almost unlimited mixing and filling”, explains Managing Director Ralf Müller. With this technology, GRUNWALD, the mechanical engineering company, appeals to dairies that produce a large variety of products and frequently changing types of fruit.

Liquid, set and stirred yoghurt can be easily filled with fruit layers or added fruit in a flexible way thanks to a quick change of the product types. Product loss and changeover times are reduced to a minimum, which particularly supports the efficient production of small batches.

Rotary and linear machines are the ideal application for the integrated fruit mixer technology for filling up to six types of fruit. Depending on the design, the changeover on the cup filling machines is carried out within a few minutes either at the push of a button or by hand. The customer can choose between a very simple low-cost version – or the fully-automatic CIP/SIP version.

Compared to mixing units that are connected outside the machine, users of the integrated fruit mixer benefit from lower investment costs, reduced production costs and considerably increased process flexibility.

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### **Advanced product feeding to achieve maximum flexibility**

The machine concept of the compact rotary cup filling machine GRUNWALD-HITTPAC AKH-029S allows for the flexible product feeding for handling both small and large fruit batches. The product can either be fed to the hopper from buckets or bags by hand or in fully automatic operation via containers. The technical solution for manual product feeding is aimed at dairies that frequently have to test new recipes or respond quickly to market trends. The advantages are minimum product residuals in the machine and high flexibility with reduced loss of raw materials. Thus, GRUNWALD supports sustainable, cost-conscious production, especially when production requirements vary considerably.