



State-of-the-art

technology



Unlimited

flexibility

COMPLETELY ADAPTED TO YOUR

INDIVIDUAL REQUIREMENTS

As a true pioneer, GRUNWALD develops the optimum solution to meet the individual needs of each customer so that they can really make headway. Not only now, but also in the future.

Our approach has resulted in an ever-growing portfolio of machines that offer flexibility and tailored solutions to our customers' satisfaction.



Cup filler

Rotary-type machine in universal design

HITPAC / ROTARY

These machines have an universal design that is characterised by high flexibility, easy accessibility and operator-friendliness. They impress by their quick changeover and adaption to different products and packaging materials.



Features:

- Format changeover without tools
 - High flexibility due to mobile filling stations
- No limits regarding product presentations
 - 1- to 6-lane design



Facts and figures:

	HITPAC	ROTARY
Cups/h	2,500 - 10,000	3,000 - 20,000
Dosing range (ml)	10 - 2,000	10 - 2,000

Cup filler

Rotary-type machine in ultraclean design

ROTARY UC

This machine has an ultraclean design and is characterised by its innovative hygienic features, easy accessibility and operator-friendliness.



Features:

- Format changeover without tools
 - Dosing system in accordance with EHEDG guidelines
- High flexibility to handle different formats
 - Ultraclean design
sterilisation rate ≥ LOG 4 incl. certificate



Facts and figures:

	ROTARY UC
Cups/h	3,000 - 20,000
Dosing range (ml)	10 - 2,000

Cup filler

Inline machine in universal design

FOODLINER

The solid drive concept is the main feature of the FOODLINER machine as it offers maximum flexibility due to the servo motors. This format flexible model range is ideally suited for applications in the delicatessen industry.



Features:

- Single, double or triple advance feed
 - No limits regarding product presentations
- High flexibility due to mobile dosing stations
 - Up to 2 x 10 lane design



Facts and figures:

	FOODLINER
Cups/h	3,600 - 50,000
Dosing range (ml)	20 - 1,700

Cup filler

Inline machine in ultraclean design

FOODLINER UC

The FOODLINER UC has an ultraclean design and is built on the features of the original FOODLINER. This model range offers flexible formats that are especially designed for the use in dairies.



Features:

- Ultraclean design
sterilisation rate ≥ LOG 4 incl. certificate
 - Single, double or triple advance feed
- Dosing system in accordance with EHEDG guidelines



Facts and figures:

	FOODLINER UC
Cups/h	3,600 - 50,000
Dosing range (ml)	20 - 1,700

Mobile

dosing systems

STAND-ALONE MOBILE FILLERS

Stand-alone mobile fillers in different designs guarantee accurate filling and perfect product presentations. Depending on the product, these mobile fillers can be integrated at the same filling position.



Features:

- Connection to and disconnection from the machine without tools
- Easy disassembly and cleaning
- Changeover time of 3 - 5 minutes
- Free of allergen within 3 - 5 minutes



Facts and figures:

	MOBIFILL	FLEXODOS	SEMIDOS	SERVODOS	CHAMBER FILLER	VIBRATORY FILLER	PEA FILLER
Pumpable products	X	X	X				
Non-pumpable products		X			X	X	X
Brine & sauces	X	X	X				
Topping (tuna, prawns, pieces of pepper, etc.)		X			X		
Topping (freeze-dried herbs, paprika, etc.)						X	
Dosing of precise numbers of chickpeas							X



Bucket filler

Rotary-type filler in universal design

HITPAC XL / ROTARY XL

These fully-automatic, format flexible, rotary-type bucket filling machines are suitable for round and rectangular buckets, with or without handles. They are perfect for filling liquid and pastes.



Features:

- Increased production output
- Low space requirements
- Universal bucket transport
- Good value for money
- High filling accuracy
- Format changeover without tools



Facts and figures:

	HITPAC XL	ROTARY XL
Buckets/h	500 - 1,300	480 - 1,500
Dosing range (litres)	1 - 10	1 - 10

Bucket filler

Inline machine in universal design

FLEXLINER XL

The fully-automatic bucket filler offers a variety of flexible uses. The design of the FLEXLINER XL was based on proven GRUNWALD design principles, including ergonomic handling and short format changeover times.



Features:

- Universal bucket transport
- High flexibility to handle different formats
- High filling accuracy
- Format changeover without tools



Facts and figures:

	FLEXLINER XL
Buckets/h	240 - 1,800
Dosing range (litres)	1 - 20
Lanes	1 - 2

Bucket filler

Rotary-type filler in ultraclean design

ROTARY XL-UC

The ROTARY XL-UC bucket filler is compact and fully-automatic. The ultraclean design comprises a laminar cabin and packing material sterilisation with special high-energy radiator for buckets and sealing film to achieve a sterilisation rate of $\geq \text{LOG}4$ (up to 10 litre buckets).



Features:

- Universal bucket transport
- High flexibility to handle different formats
- High filling accuracy
- Ultraclean design
sterilisation rate $\geq \text{LOG}4$ incl. certificate



Facts and figures:

	ROTARY XL-UC	ROTARY XXL-UC
Buckets/h	480 - 1,500	480 - 3,000
Dosing range (litres)	1 - 10	1 - 10
Lanes	1	1 - 2

Bucket filler

Inline machine in ultraclean design

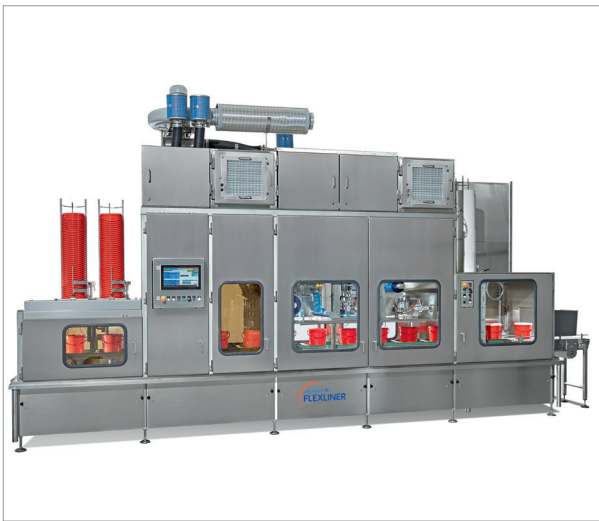
FLEXLINER XL-UC

Very efficient, fully-automatic, inline bucket filling and closing machine. The Flexliner XL-UC offers speed and flexibility.



Features:

- Format changeover without tools
- High flexibility to handle different formats
- High filling accuracy
- Ultraclean design
sterilisation rate $\geq \text{LOG}4$ incl. certificate



Facts and figures:

	FLEXLINER XL-UC
Buckets/h	240 - 1,800
Dosing range (litres)	1 - 20
Lanes	1 - 2



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