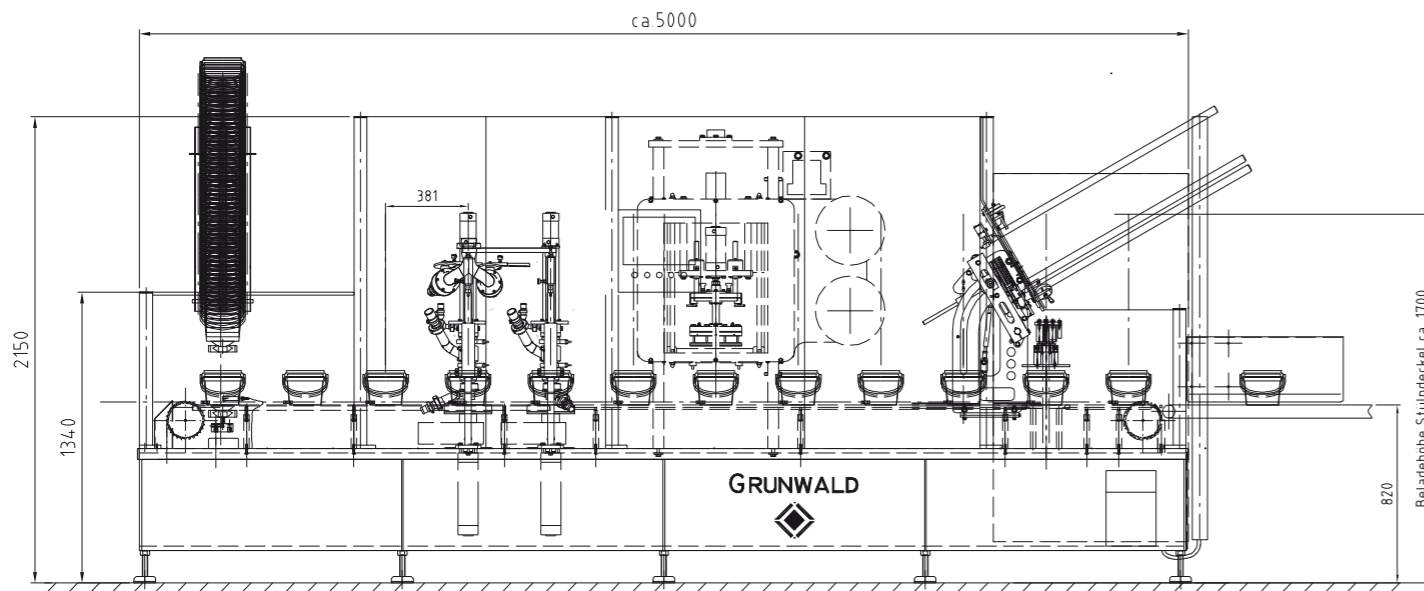


GRUNWALD-FLEXLINER XL

... the future lies with it!

Machine type	FLEXLINER XL/1	FLEXLINER XL/2
Speed (buckets/min.) with 1 filling position *	7 - 9	14 - 18
Speed (buckets/min.) with 2 filling positions *	10 - 12	20 - 24
Minimum bucket diameter	140 mm	140 mm
Maximum bucket diameter	300 mm	300 mm
Maximum bucket height	285 mm	285 mm
Compressed air	6 bar	6 bar
Power supply	4 kW	7 kW
Electric supply	380 - 420 V / 220 V / 50 Hz, 3-phase	
Operating height	700 - 750 mm	700 - 750 mm
Weight	1.800 kg	2300 kg

* relating to a 5 l bucket



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Bucket filling line

GRUNWALD-FLEXLINER XL



GRUNWALD-technology...

...an abundance of possibilities



For many years GRUNWALD has been a competent partner regarding dosing, filling and packing.

The attribute "The Allrounder from the Allgäu" is no accident. As the GRUNWALD filling machines have their traditional roots in dairy they have been successfully used in many fields of the food, delicatessen, petfood and cosmetics industry all over the world.

- GRUNWALD FOODLINER
- GRUNWALD FLEXLINER

On the basis of our many years' experience with different types of products, cups and lids we have developed innovative, individual, flexible and reliable machines which guarantee our customers a high efficiency in their daily production.

Meanwhile the successful range of inline machines type FLEXLINER was extended by the bucket filling line type FLEXLINER XL.

(1) Filling station with two filling positions and weighing cells two-step filling process (high speed / low speed) to achieve a perfect filling accuracy and a maximum speed

Bucket filling lines GRUNWALD-FLEXLINER XL have been designed on the basis of the following proven features:

- closed base plate (no contamination from below)
- service-friendly drive concept, easy-to-survey
- visually attractive design by means of open construction with corner posts and solid protective doors
- minimum of space requirements
- easy access
- low, operator-friendly overall height
- innovative hygienic design
- easy cleaning due to reduction of components in the filling area
- extremely low noise level, mechanical speed up to 20 cycles/min.
- quick product and format change
- high availability
- optimum price/performance ratio.

(2) snap-on lid station format changeover without change parts



GRUNWALD-FLEXLINER XL

... the best for your products



The GRUNWALD-FLEXLINER XL is available with the following equipment:

- bucket denesting
- filling station with 1 or 2 filling positions, optionally designed for manual cleaning or automatic cleaning by means of a CIP unit to be provided by the customer

- sealing station with
 - rotating knives for round containers
 - with cutting knives for square, rectangular or oval-shaped containers
- snap-on lid station with press-on station
- discharge onto a slide or a transport device provided by the customer (optionally an outfeed conveyor is also available)

Optional equipment:

- second bucket denesting for a longer storage time
- sterilisation of cups by means of a steam / H₂O₂ mixture
- sterilisation of sealing film by means of UVC radiators
- sterilisation of snap-on lids by means of UVC radiators or a steam / H₂O₂ mixture