



GRUNWALD ... an abundance of possibilities!

GRUNWALD cup filling machines have been successfully used for many years all over the world for the benefit of our customers. The reasons for this are their reliability, their brilliant technology and their economic viability.

This wide machinery programme covers the following range of products:

- dairy products and desserts
- curd cheese / processed cheese
- delicatessen salads and freshly prepared salads
- butter and margarine
- jam and honey
- sauces, mustard, mayonnaise
- pâté, meat and petfood

Due to many year's cooperation with customers from very different industries we have acquired an extensive know-how even for solving problems that do not happen every day.

GRUNWALD machines have been designed on the basis of the following proven features:

- innovative, modular drive technology for maximum flexibility in terms of packing materials and products
- modern hygienic design: minimises number of parts above the table top, these are constructed without edges or corners, easy cleaning
- format and product change-over in less than 10 minutes or simply at the press of a button
- various designs of fillers to ensure accurate drip-free filling and good presentation of all products in the cup!
- good accessibility
- operator friendly construction with good working height
- smooth running of the machine
- maximum efficiency
- extremely robust and reliable design.

GRUNWALD rotary machines



Hit the nail on the head!

Modern concept, easy operation, high flexibility, high speed with excellent price/performance ratio: Thus the HITPAC will also become a real hit for you!

HITPAC AKH-019
1 to 2-lane
approx. 2,400 - 4,800 cups/h

HITPAC AKH-019SEP
with integrated packer
1 to 2-lane
up to approx. 4,800 cups/h

HITPAC AKH-059
1 to 6-lane
approx. 2,400 - 12,000 cups/h

HITPAC AKH-059VG
Evacuation up to 0.2 bar in total evacuation (MAP)
1 to 3-lane
approx. 2,750 - 4,000 cups/h



Innovative technology!

ROTARY cup filling machines are in continuous development and are convincing by their numerous innovations. Our latest ideas and technical know-how is included in each rotary-type machine.

ROTARY machines are available in full servo version or with a mechanical drive and with packing material sterilisation, if requested. Based on this machinery programme individual machines with varying technical features can be manufactured.

ROTARY 6.000
1 to 4-lane
approx. 3,000 - 12,000 cups/h

ROTARY 12.000
2 to 6-lane
approx. 6,000 - 18,000 cups/h

ROTARY 20.000
2 to 6-lane
approx. 12,000 - 18,000 cups/h

GRUNWALD inline machines



Successful GRUNWALD line!

These precisely engineered filling machines succeed by their speed and their versatile possibilities for use.

FOODLINER 3.000
1 to 3 lane
approx. 3,000 - 9,000 cups/h

FOODLINER 6.000
2 to 5 lane
approx. 6,000 - 15,000 cups/h

FOODLINER 12.000
3 to 8 lane
approx. 9,000 - 27,000 cups/h

FOODLINER 20.000
6 to 10 lane
approx. 30,000 cups/h



Maximum product shelf life due to packing material sterilisation!

The **FOODLINER UC** is a refinement of the already successful **FOODLINER** model.

Due to a packing material sterilisation by means of a steam/H2O2- mixture or UVC respectively together with the CIP/SIP-cleanable EHEDG certified fillers a maximum product shelf life is guaranteed.

FOODLINER 15.000 UC
4 to 5-lane version
approx. 10,000 - 12,500 cups/h

FOODLINER 18.000 UC
4 to 6-lane version
approx. 10,000 - 15,000 cups/h

FOODLINER 30.000 UC
8 to 10-lane version
up to 25,000 cups/h

... for cups and buckets



Universal and economic!

The GRUNWALD **FLEXLINER** meets the quickly changing demands of the markets with regard to products and packing.

- quick format change
- open space for mobile or stationary dosing machines and manual garnishing of the products
- different product consistencies
- simple, quick cleaning, important for small productions
- favourable price/performance ratio with quick payback

FLEXLINER
1 to 5 lane
approx. 40 cycles/min.

Also available as **FLEXLINER UC** with packing material sterilisation for a quick and easy format change of e.g. cups Ø 75 mm to Ø 95 mm up to 1 kg buckets with handle.



Bucket filling and sealing machine for maximum demands!

The bucket filling machine **FLEXLINER XL** is suitable for filling, sealing and lidding buckets of different shapes and volumes. This machine has a modular design; it can easily be equipped with further stations.

- low, operator-friendly overall height
- easy cleaning due to reduction of components in the filling area
- quick product and format change
- high availability
- service-friendly drive concept, easy-to-survey
- easy access

GRUNWALD-FLEXLINER XL
1 or 2 lane
up to 20 cycles/min.
bucket sizes: 1 - 20 liter



On the basis of our many years' experience with various kinds of products and packaging materials, we have developed a range of flexible, reliable machines offering

- maximum production
- higher speeds and
- greater flexibility.

Benefit from our experience!

Contact us to discuss your wishes and requirements, on the basis of our know-how and creativity we will find a perfect customer-made solution for you.



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GRUNWALD dosing machines



Treats your products carefully!

The **SERVODOS** is suitable for liquid and pasty products as well as for liquid or mayonnaise-based products which contain particulates.

The brilliant servo drive guarantees an optimized dosing accuracy and careful filling based on high flexibility.

- perfect weight accuracy
- motorised weight adjustment
- fine adjustment of dosing volume
- storing of all product details
- suitable for filling portion cups to buckets

SERVODOS

1 to 4 lane
10 – 60 cycles/min.



For large pieces!

The **FLEXODOS** is a bulk filler for non-pumpable products which are difficult to dose, dry or moist.

These products have to be handled carefully, must be able to trickle, may not be sticky or may not contain a high percentage of liquids. The size of the pieces must be in a certain ratio to the volume.

Either in mobile or stationary version, this machine with a volume dosing system is flexible and versatile in use.

FLEXODOS

1 to 6 lane
speed up to approx.
35 cycles/min.,
depending on the product



A real multi talent!

The **MEGADOS** is a compact dosing machine for filling liquid and pasty products in several cups resp. thermoformed packs simultaneously.

The **MEGADOS** has an enormous filling range and, either in mobile or stationary version, is suitable for connection to thermoforming and cup filling machines.

The dosing process is actuated by a pneumatic drive and upon request it is available with a motorized weight adjustment.

MEGADOS

2 to 10 lane
speed: 10 – 30 cycles/min.,
depending on the product



It may be small but it certainly makes up for it!

Either in mobile or stationary version, the **SEMIDOS** is suitable for liquid and pasty products and is ideally suited for connection to thermoforming machines, cup and jar filling machines or indexing conveyors.

The **SEMIDOS** is a pneumatically operated machine – no electric supply necessary.

SEMIDOS

1 to 3 lanes
speed: 10 – 30 cycles/min.,
depending on the product

GRUNWALD – packing and more ...



Exchange of filler with quick release!

This mobile dosing system **MOBIFILL** is suitable for all kinds of pumpable products.

The **MOBIFILL** can be connected to all GRUNWALD rotary-type machines. The mobile dosing system can be disconnected very quickly and cleaned off-line or outside the production room.

In addition to manual cleaning, the **MOBIFILL** is also available in CIP-cleanable version by connecting the unit to a separate CIP docking station. By having a second unit already cleaned, product changeover can be carried out within 5 minutes.

MOBIFILL

2 to 6-lane



GRUNWALD end-of-line packing machines

GRUNWALD also supply technical solutions for end-of-line packing with safe, smooth formatting and packing of cups, trays and jars into cardboard trays or plastic boxes as well as for the connection to GRUNWALD rotary-type or inline machines.

- Tray erector
- Pick-and-Place-Packer
- Palletiser

GRUNWALD trolley:

Our ideas, e. g. regarding format change, increase your production efficiency.



GRUNWALD benchtop sealers and sealing machines will meet with your requirements. Our line ranges from simple manual benchtop sealers SEALMAT S1A to complex fully-automatic systems.

SEALMAT S1A

Manual benchtop sealer for laboratory applications and small batch productions suitable for pre-cut lids or film from reel.

Second-hand machines – as good as new!

We offer favourably-priced second-hand machines which can be reconditioned and modified according to your requirements.



Versatility ... is our strength!

