

HIGHLIGHT



GRUNWALD's customer magazine no. 60 / December 2024



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This year has gone by too fast, thanks in large part to the numerous meetings and discussions during our participation in 14 national and international exhibitions and, of course, with customers and potential customers in our plant in Wangen. Our technical innovations for the gas flushing of cups without evacuation to guarantee continuously high production speed, as well as our customised solutions for our ultraclean machine concepts, have been, and still are, in great demand. We continually maximise our technical capabilities to adapt the format flexible concept of our cup and bucket filling machines to achieve a higher hygiene level, precisely tailored to our customers' specifications.

Grunwald continues to meet our customers' needs through technical advances and stringent testing in our development centre. One such example can be seen on page 8 where our success with glue filling is resulting in orders for GRUNWALD machines from outside the food sector.

The processing of numerous orders and projects delivered on time has really kept us busy and will continue to keep us busy. Thank you to our customers, many of whom have been loyal for many years. We are proud to register a new record order volume of more than 45 million euros, which will keep all departments busy until 2026. This is a situation that cannot be taken for granted.

We will continue to do everything we can to meet the delivery dates we have agreed with you – even if some



of our colleagues will have to perform true miracles to meet these deadlines.

The importance of giving back

My father, Edwin Müller, was the one who shared his success with generous donations at a very early stage. We have continued this tradition over the years and will again make a donation to the Wangen association of "awamu - Zusammen für Uganda e.V.". Please see our report on page 5.

Thank you very much for your trust and good cooperation in 2024. We look forward to the next year and wish all our customers, employees, suppliers and partners happy and relaxing holidays.

We wish you all the best and good luck for 2025. Enjoy spending time with your family and friends – and above all, stay healthy.

Yours
Ralf Müller
and the GRUNWALD team

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*Cover picture:
The photo was taken during the lift ride that brought ski enthusiasts up the Saloberkopf in the Warth-Schröcken ski area in Arlberg, Austria. It was a sunny day with lots of powdery fresh snow, promising a wonderful descent through snowy forests and across wide slopes. The view extends towards Lech with the Rüfikopf in the background.
Photo: Nils Nothhaft*

*Publisher's imprint
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GRUNWALD NEWS



GRUNWALD celebrates 14 jubilees

This year, the GRUNWALD family is once again proud of the number of long-serving employees who have reached a significant, round company anniversary. We would like to thank 14 employees for their long-standing loyalty, outstanding commitment and exceptional performance.

The memory photo shows the following jubilarians (from left to right, with the company's anniversary in brackets):

Markus Berte, Projectmanager (10)
René Theunissen, Sales (10)
Andreas Blank, Warehouse (25)
Britta Böhm-Hohenleitner, Sales (30)

Marcel Sgonc, Plant Manager & After-Sales Manager (10)
Christian Kempter, Design Department (20)
Michael Mayer, Design Department (10)
Meinrad Zeh, Chipping (30)
Sandra Bartl, Sales (25)
Sarah Feser, Design Department (10)
Christoph Trunzer, Sales Director (10)

The following are not pictured when celebrating:
Andreas Hopfner, After Sales/Field Service (10)
Istvan Kucserka, Eletrical Department (10)
Edmund Stölzle, After Sales/Field Service (25)



Group photo in the GRUNWALD foyer at the end of this informative Saturday morning.

The dairy industry as a guest at GRUNWALD

As a long-standing supporting member of the German Dairy Association (Zentralverband Deutscher Milch-wirtschaftler e.V. (ZDM), we supported the DMA Association Day financially and were represented with an indoor exhibition stand at the DMA trade exhibition in Weingarten from 26 to 28 September 2024.

Sales Director Christoph Trunzer opened the symposium with his presentation of "The art of error analysis and continuous improvement". On Saturday, we invited guests to a factory tour and breakfast of Bavarian veal sausages in Wangen. Approximately 60 people seized the opportunity to take a look behind the scenes.

Torsten Sach, the corporate lawyer of the Association of the German Dairy Industry and person responsible for the DMA association day, confirmed:

"The factory tour was designated to be the highlight of the framework programme. All visitors were delighted by the hospitality and openness and were talking about an exemplary corporate culture."

Many thanks to all attendees for the great interest in GRUNWALD and the memorable weekend.



Symbolic handover of the cheque in the GRUNWALD Alpine garden. From left to right: Marlies Hodrius (Marketing), Dirk Scharfenberger (managing board of awamu), Ralf Müller (Managing Director), Margareta Riese (advisory board of awamu well building), Christian Hasel (Commercial Manager)

GRUNWALD's annual donation 2024: Direct support in the amount of EUR 8.000,00

GRUNWALD once again provides direct support to the people of Uganda. This year's donation to "awamu – zusammen für Uganda e.V." is for the residential buildings belonging to the St. Denis Primary School in the village of Buyambi that is in a very rural area in the north-west of Uganda. The roofs of the residential buildings are leaky, the roof framework is heavily decayed. These residential buildings provide permanent accommodation for Denis Ssegawa, the founder and teacher of this school, his staff, seven school children during the school term, as well as another eight school children during their holidays. There are approximately 350 primary school children being taught in the St. Denis Primary School, of whom 100 school children are housed in the boarding school.

Since 1999, Margareta Riese and the aid organisation "awamu" have been supporting the St. Denis Primary School with its 20 teachers, who all take care of their pupils with great commitment and dedication. With an average annual income of only 500 US dollars, it is not possible for them to raise the money for such major renovations themselves. This is a permanent problem that was solved by GRUNWALD with this year's donation in the amount of EUR 8.000,00!

An experienced local craftsman who has already repaired roofs in the past will carry out the roof repairs. The persons responsible at "awamu" could assure themselves of the quality of his work during their excursion in October. A detailed report to follow.

GRUNWALD day of action 2024

Focus on getting to know each other and team building: Trainees and students work together to solve tricky tasks while having fun



At the beginning of a new training and academic year, the annual excursion, with its various activities and group problem solving tasks, has established itself as an important event for team building and getting to know each other. In the following report, the trainees and students share their joint day of action with us

The weather was beautiful when this year's excursion of our trainees took place on 6 September. This year, their destination was the Edwin Müller hall in Niederwangen - the clubhouse of the Niederwangen band. The group of 17 trainees and dual students, met at

our parking deck at 7.30am before heading to the final destination by car.

Focus on community spirit

Once there, we were welcomed by our HR manager and commercial trainer Christian Kühnapfel as well as the behaviour trainer Alexandra Kastner. They guided us through the morning and they had a lot of creative games up their sleeve. The aim of this excursion was not only to get to know each other but also build community spirit. We were able to learn which methods can be used to sharpen team spirit and how important communication

is in this process. At the beginning, everyone introduced themselves by showing the personal item they had brought with them. This object should either represent a characteristic or hobby of this person. This was not just exciting but also led to heartfelt laughter. There was one person who had brought a bracelet with her from the last holiday in Andalusia where she had spontaneously purchased a horse.

After so many stories we recharged our batteries with butter pretzels and beverages, ready for the upcoming games.

Becoming a team through play

The next step was especially challenging: We had to build a tower consisting of spaghetti and marshmallows. The challenge was that the noodles were very unstable. In addition, we only had 10 minutes available for this task which provided some additional adrenaline. The winner was the team that managed to build the highest tower together. The lesson we learned from this: rather act immediately and give something a try than waste too much time planning for certain situations.

Another game focused on improving communications skills. It was interesting to see how different messages and instructions can be received or interpreted. For example, the word "tree" may induce one person to think of a conifer, another person might be thinking of a broadleaf tree. Both is correct but this is not necessarily goal-oriented.

For a better understanding we had to assemble a puzzle under verbal instruction of another person. For this purpose, two people sat back-to-back on a chair. One of them had a picture of the completed puzzle and had to explain the proper assembly to the other member of his/her team who had the single parts. This was an interesting experience.

The final task was an especially tricky one. We had to carry cups – without touching them –

from one boundary line to the other. We had scissors, rubber bands and laces to support us with this task. The most interesting point of this was that each member of the team had to be involved in the movements. Team work was vital and everyone bonded well!

Barbecue as a nice way to round things off

Time flew. At around 12.30 pm we packed up and returned to GRUNWALD where a barbecue was already prepared at our tiny house. There we let this exciting day fade away with tasty food and further games in a relaxed atmosphere.

We got to know each other better that day and are ready for our common future at GRUNWALD.

Let's go! ◆



Teamwork makes the dream work

“A filling machine that is in a class of its own”

GRUNWALD-ROTARY XL fills eight 16-litre buckets with glue in one minute



Foto: www.murexin.at

MUREXIN

Murexin GmbH was founded in 1931 and represents tradition and premium quality in the building sector. The Austrian company specialises in chemistry products for the construction industry, including products for the building protection sector, boasting 3,000 products across 6 divisions. Murexin also prides itself on environmentally friendly production so customers can be assured of user-friendly products. So if you need products to install floors or lay tiles, for coating, sealing, concrete repair and painting work, you will certainly find appropriate products for your construction project in Murexin's extensive portfolio.

Since 1987, this company has been part of the Schmid Industrie Holding and has approximately 400 employees. Their headquarters, including production plant, centre of distribution and competence centre is in Wiener Neustadt. With production sites in Mühlheim/Main/Germany, in Skzeszárd/Hungary and in Puconci/Slovenia, the Murexin portfolio of building materials, paints and construction materials is available in approximately 30 export markets.

The ideal bucket filling machine for glue

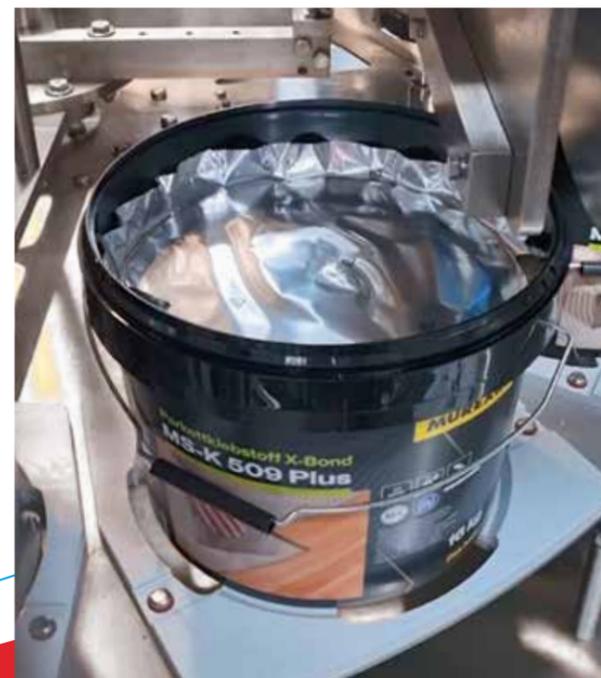
Murexin GmbH has been filling their glue on the fully-automatic bucket filling and closing machine GRUNWALD-ROTARY XL since the beginning of 2024. The need for higher efficiency and quantity and, above all, a higher quality standard were the criteria when selecting this cutting-edge technology for their main plant in Wiener Neustadt (Austria).

We developed the ideal machine concept of this high-performance bucket filling machine in close cooperation with Murexin's project team, our skilled development engineers and the various suppliers and adapted the GRUNWALD-ROTARY XL to the technical requirements for filling glue. The persons involved in this project said that “this is a filling machine of a special kind”.

We would like to take this opportunity to thank everyone involved in this project for placing their trust in GRUNWALD as well as for the excellent cooperation.

Increased product protection

The photo below shows how the fully automated filling process can be optionally extended. A pre-cut laminated aluminium film is placed on the surface of the filled glue and fixed to the inner surface. The film maintains the quality and functionality of the product from filling to use. It also increases safety at work and facilitates handling and transport. ♦



Successful completion of machine acceptance. In the photo, from left to right: Jürgen Glawe, Michael Sohler, Andreas Jensch (Grunwald), Dr. Karl Ott and Karl Krutzler (Murexin)

Features of this bucket filling machine GRUNWALD ROTARY XL/1-lane

- Bucket storage for 150 buckets
- Filling station for glue
- Cutting/sealing station with 2 options
 1. Placing a pre-cut laminated aluminium film on the product
 2. Fixation of the film at the inner surface of the bucket
- Snap-on lid station with integrated home pressing station
- Management system for continuous production data acquisition
- Handling of large, 16 kg buckets
- Production speed: approx. 600 buckets/h
- Machine availability > 98 %
- Basic machine frame: 2,200 mm x 2,600 mm
- Format changeover without tools.

Thus this bucket filler is also suitable for future applications.



HUMMUSAPIENS - just dip it!

Hummus production in Serbia - a complete success story



Graphic: Ribella Foods • ribella.net

Years ago, in a small factory in Backi Jarak, a town in the surroundings of Belgrade, a story began that no one would really have expected. It is the story of Ribella Foods, a company that started with the motto "life is what you make of it" and that captured the "Hummusapiens" taste buds with passion, quality and a perfect sense of taste for a supposedly simple chickpea spread.

Ribella Foods is now the largest producer of hummus spreads in Serbia and has become one of the most important producers in Europe.

Initially they focused on regional sales in Serbia but meanwhile the business has expanded into a culinary phenomenon that has spread far beyond their border across Europe. Ribella's hummus products are available in Poland and Estonia and even in Sweden they are all fond of this creamy spread.

Due to their rapid growth that exceeds even wildest expectations, the company doubles their production approximately every two years. It appears as if each spoon of hummus that is eaten creates two new fans.

The beginning of a success story: Quality meets quality

Over the past few years, it would appear hummus has conquered the world and developed from a very special niche product into a product that is meanwhile available in each supermarket.

GRUNWALD recognised this trend at a very early stage and developed the appropriate machine technology for filling hummus as well as a unique, flexible technology



Graphic: Ribella Foods • ribella.net

for various product presentations, decorations and toppings.

In view of the large number of rotary-type and inline machines supplied it is justified to call ourselves a pioneer and specialist for the flexible, quick and allergen-free filling of this delicacy.

In 2022, due to their rapid growth and the increasing demand for their products, Ribella Foods required a flexible machine with high speed and efficiency in order to increase production. The requirements were not only the simple filling and closing but this filling machine should also offer technical options for recipes and product configurations developed in the future.

For example, the machine should be suitable for filling hummus with or without pieces, as well as different types of vegetables, all while achieving higher product safety.

Smooth operation with the rotary-type cup filling machine

The GRUNWALD-ROTARY 12.000 with its extremely flexible machine technology was the perfect machine concept. With this cup filling machine, Ribella Foods can produce and deliver their high-quality delicatessen products - in this case hummus in numerous variations - at the requested high production output and with enormous product flexibility. The 3-lane rotary-type machine with its fully servo-controlled main filling station guarantees a consistently high output and, thanks to its flexible machine concept, can also be used for handling other delicatessen products. Both spreadable and chunky products can be processed. The filler is also equipped with several quick-change systems.

The integrated sealing and cutting station for sealing cups with film from the reel allows maximum flexibility for handling different cup sizes. In one working cycle the film is sealed and cut with hoop-steel knives in accordance with contour. Thus, we could meet Ribella Foods' important requirements for the option to handle different cup shapes and sizes. Thanks to cutting-edge



3-lane GRUNWALD-ROTARY 12.000UC with the highest hygiene level for filling hummus in numerous variations

Features of the cup filler GRUNWALD ROTARY 12.000UC/3-lane:

- Designed for filling hummus
- Designed for handling different cup sizes
- Main filling station in CIP design
- Dosing range 100 ml - 500 ml
- High-performance UV(C) radiators for the sterilisation of the packaging materials ≤ LOG 4
- CIP design
- Laminar cabin with HEPA filter
- Sealing system with headspace gas flushing without vacuum chamber and without reduction of the output, with residual oxygen value ≤ 0.5 %
- Quick-change systems
- Output: approx. 7,500 cups/h (40 cycles/min.)

technology this cup filling machine can be changed over to other cup sizes very quickly. ▶

A special feature of the GRUNWALD-ROTARY 12.000UC are the technical options to ensure a higher level of hygiene. For this purpose, this rotary-type machine is equipped with a complete CIP unit that guarantees thorough cleaning of the dosing system. This is very important as the customer produces hummus in various flavours, including sweet hummus. In addition, the machine is equipped with our high-energy pulsed UV(C) system for the sterilisation of the cups and sealing film.

Finally, this rotary-type machine is equipped with the headspace gas flushing system developed by GRUNWALD that allows for achieving a remaining oxygen value of $\leq 0.5\%$ in the cup without reducing the cycle speed and output! Thus this cup filling machine constantly runs at 40 cycles/min. All of this offers the customer the advantage of producing the products with less or even without preservatives.

The most important thing is that you feel good!

It is important for us to highlight the unique collaboration and cooperation with the great team of Ribella Foods. Our design engineers were in close contact with the specialists from Ribella Foods from the first sketch until the final finishing. Their support exceeded the usual scope by far. Even during the installation and commissioning they showed one-of-a-kind commitment.

The commissioning of the GRUNWALD-ROTARY 12.000 took place at the beginning of 2023 and since that time the machine has been constantly in operation and giving successful service. We are pleased to hear that this filling machine meets, and even exceeds, the customer's high expectations in terms of flexibility, high performance and efficiency.

We were very happy to work with such a valuable partner and reference customer. The unique teamwork of both companies turned this project into a fantastic success story that considerably exceeds technical aspects.



The photo was taken during the successful commissioning of this rotary-type machine

By the way: Be sure to visit "ribella.net", the website of the Ribella Foods-Hummusapiens, and explore the world of hummus creations. Worth every click! ◆



Graphic: Ribella Foods • ribella.net

Tradition meets high-tech

GRUNWALD delivers customised filling technology for the Greek dairy industry

Tzatziki, yoghurt and traditional feta cheese have been part of the Greek cuisine for centuries and are very popular across their borders. To make these products available on wider markets, Greek dairies increasingly rely on cutting-edge filling machines.

The Greek dairy market

The Greek dairy industry is flourishing. The demand for traditional products continues worldwide. To meet the worldwide demand, local producers continuously expand their plants. Greek dairy companies are investing heavily in new technologies to improve process safety, product quality and hygiene standards during production.

In addition to various Greek yoghurt products, certainly feta (Greek brine cheese) is the flagship of the Greek dairies.

In recent decades, feta packaging was confined to manufacturers of tray sealers but GRUNWALD could establish themselves on this market due to the newly developed gas flushing system to achieve low residual oxygen values. The new GRUNWALD gas flushing system offers significant advantages compared to the system for evacuation/gas flushing (MAP procedure) used so far. The previous technology achieves similar residual oxygen values but completely without vacuum and any reduction in performance

The space requirements are another significant advantage. While "traditional tray sealer lines" sometimes have lengths of more than 10 metres and many mechanical and electrical interfaces that are susceptible to faults, compact rotary-type GRUNWALD machines (basic machine) often require less than two square metres.



View into a 4-lane cup filling and closing machine GRUNWALD-FOODLINER 6.000 in double-step design

No matter what performance range is required, GRUNWALD has the ideal machine concept and offers filling and packaging machines that ideally suit the requirements of Greek dairy producers. These filling and closing machines are designed for versatility, format flexibility, maximum hygiene and accuracy. With their modular design, these filling machines can be adapted to the customers' individual production requirements – from the 1-lane cup filling machine for small production outputs to multi-lane high-performance machines for maximum production outputs.

GRUNWALD-HELLAS offers on-site service

Customer support in Greece is provided by our well-established representative GRUNWALD HELLAS. Their team consists of 10 employees with many years of experience in the food and dairy industry as well as extensive technical expertise. The team provides comprehensive service from advice to installation and ongoing support for the filling machines with their own service engineers on site. This on-site service reduces response times and consequently the costs for the customers. ▶



GRUNWALD-HITTPAC AKH-029S

- ◆ Flexible rotary-type filling machine with indexing conveyor for the manual insertion of feta slices.
- ◆ This rotary-type machine is mainly characterised by being capable to handle a wide range of formats.
- ◆ Portion packs from 200 g - 400 g are handled on 2 lanes.
- ◆ Big bags from 1 kg - 2 kg are handled on 1 lane.

The features of the GRUNWALD-HITTPAC AKH-029S/2 are:

- Stand alone cup setter
- Handfill section (conveyor belt) for the manual insertion of feta slices (alternatively a multi-head weigher can be integrated)
- Indexing station
- Cutting station (feta cubes)
- Brine post-filling station
- Sealing and cutting station incl. headspace gas flushing
- Snap-on lid station
- Outfeed conveyor



GRUNWALD-FOODLINER 6.000

- ◆ in double-step design for two different cup sizes for feta slices or cubes in brine (see also photo on page 13).
- ◆ 4-lane GRUNWALD inline machine in double-step design,
- ◆ for two different cup sizes,
- ◆ for feta slices or cubes in brine.

The equipment features of the GRUNWALD-FOODLINER 6.000/4 are:

- Cup storage for machine autonomy > 25 min.
- Pneumatically adjustable cup setter for format changeover
- Lifting and printing of the empty cups on the side
- Handfill section for the manual insertion of feta slices
- Integrated multi-head weigher for feta cubes
- Brine post-filling station
- Sealing and cutting station incl. headspace gas flushing (sealing station can be rotated by 180° for format changes)
- Leak test control
- Snap-on lid station
- Outfeed conveyor

GRUNWALD® HELLAS 
 Δοσομέτρηση · πλήρωση · συσκευασία

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GRUNWALD-HIGHLIGHT

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