

# HIGH

# LIGHT

**GRUNWALD**®   
Dosing · Filling · Packing



GRUNWALD's customer magazine • special edition



**High-performance rotary-type bucket filler**  
Independent of formats and  
almost without any change parts

## HITTPAC XL

### Our newly developed machine

#### DETAILS ON THE MACHINE

##### GRUNWALD-HITTPAC XL

Dimensions: max. 1,700 x 1,700 mm  
 Approx. 200 – 1,300 buckets/h  
 1-lane design  
 Optionally with cutting/sealing station

Applications:  
 Suitable for all bucket shapes and sizes from approx. 1 kg up to approx. 10 kg with and without handle  
 For liquid to pasty products

Photos top down:  
 Filling station with maximum dosing accuracy

Leak test of the sealing  
 Incorrectly sealed buckets will not be lidded and can therefore be easily recognised by the operators



In the past GRUNWALD have already developed several new dosing techniques for the flexible filling of cups. The new development of a format flexible high-performance bucket filler was an important step forward in terms of the machine technology and a milestone in the field of bucket filling machines for us but especially for our customers.

This rotary-type bucket filler was designed on the basis of a rotary-type filling machine and the models available are HITTPAC XL and ROTARY XL. The decisive fact is that these rotary-type machines are **very format flexible** and in addition they are equipped with **almost no change parts**.

#### A Great All Rounder

Due to its small size of max. 1,700 x 1,700 mm the rotary-type bucket filling machine HITTPAC XL is suitable for all filling processes which have been made on linear bucket filling machines so far.

This machine is suitable for closing buckets of various shapes (round buckets and various rectangular bucket sizes) with **peelable sealing film** and snap-on lids. The standard model is suitable for handling buckets with filling volumes from 1 kg up to 10 kg.

The **special cup slats** developed by us are **universal** and can therefore be used for several containers of different dimensions. In combination with the newly developed cutting/sealing station the **change of packing materials** can now be made within **only a few minutes** – without the time-consuming modification work which has been necessary so far and in addition **almost without any change parts and completely without tools**.

#### Crucial advantages:

The **most important advantages** of the newly developed rotary-type bucket filling machines are

- increased production speed due to a considerably higher cycle speed compared to inline bucket filling machines
- low space requirements as well as
- best value for money

The open design of this rotary-type bucket filling machine offers a good accessibility.

- The weigh cell controlled filling station designed for guaranteeing high filling accuracy,
- the quick-change system of the cutting/sealing station as well as
- the downstream leak test control together with
- the combined snap-on lid / press-on station

are the most important technical features of the HITTPAC XL.

Practical experiences showed that production increases of 25 % up to 50 % are possible, depending on the product.

Photo at the bottom:  
 1-lane rotary-type bucket filling machine GRUNWALD-HITTPAC XL



#### You are always one step ahead with GRUNWALD

When developing the model **ROTARY XL** the focus once again was set intensively on reducing the footprint and standstill times. With a footprint of 2,200 mm x 2,200 mm this newly developed rotary-type bucket filling machine is only slightly bigger than the GRUNWALD-HITTPAC XL.

We can achieve an even higher flexibility and convenience with further options and extra equipment such as e.g. a complete packing material sterilisation (buckets and sealing film) as well as with a twin cutting/sealing station and a motorised adjustable bucket magazine (one touch function).

Due to its much lower space requirements and the new option to carry out a change of the packing materials almost completely without any change parts the GRUNWALD ROTARY XL offers **unbeatable advantages** compared to standard inline cup filling machines. One big advantage is the **easy changeover** of the machine which takes **only approx. 3 minutes**,

depending on the equipment and design of the machine.

The new rotary-type bucket filling machine ROTARY XL offers the customers the advantages of a higher production speed and thus a higher productivity. In 2-lane design the ROTARY XL becomes a **"HIGHSPEED" bucket filling machine**.

Depending on the filling weight and the product consistency an **output of up to 200 kg per minute** is possible. Our rotary-type bucket fillers are optionally available with CIP, SIP and laminar cabin.

Big photo at the bottom:  
 The new format independent 1-lane rotary-type bucket filling machine GRUNWALD-ROTARY XL (in this case for handling 3 different round bucket sizes)

Photo down right:  
 Twin cutting/sealing station for closing different bucket sizes with peelable film from the reel.  
 Via the "one touch function" the appropriate cutting/sealing station is selected for the bucket size to be handled



## ROTARY XL

### Further development

#### DETAILS ON THE MACHINE

##### GRUNWALD-ROTARY XL

Dimensions: max. 2,300 x 2,300 mm  
 approx. 200 – 1,300 buckets/h  
 1-lane

##### GRUNWALD-ROTARY XXL

Dimensions: max. 2,800 x 2,800 mm  
 approx. 400 – 2,600 buckets/h  
 2-lane

Optionally with packing material sterilisation, twin cutting/sealing station, leak test control etc.

Applications: Suitable for all bucket shapes and sizes from approx. 1 kg up to approx. 10 kg, with and without handle.  
 For liquid to pasty products

Photo at the bottom:  
 View into the ROTARY XL with clearly arranged and easy accessible design. In the middle of the photo: bucket denesting  
 On the left: bucket sterilisation station  
 On the right: the snap-on lid station with integrated press-on station and bucket discharging station



# OUR PROGRAMME

You have the product. We have the technology.

## Rotary-type cup fillers

- ROTARY
- HITTPAC

## Linear cup fillers

- FOODLINER
- FOODLINER UC (ultraclean)
- FLEXLINER
- FLEXLINER UC (ultraclean)
- UF-WHITE CHEESE cup filling line

## Bucket fillers

- FLEXLINER XL
- HITTPAC XL
- ROTARY XL

## Dosing machines

- SERVODOS
- MOBIFILL
- MEGADOS
- SEMIDOS



ROTARY



HITTPAC



ROTARY XL



HITTPAC XL



SERVODOS



SEMIDOS



MOBIFILL



FOODLINER UC



FOODLINER



FLEXLINER XL



UF-WHITE CHEESE cup filling line



FLEXLINER

English is our international business language.

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