

WORLD OF GÜNTER

JANUARY 2012

GÜNTER KUNSTSTOFFMASCHINEN GMBH



OUR GOAL:

FLEXIBILITY!

The market is growing, not only in Europe and requires new solutions from manufacturers, suppliers and users of ergonomic, ecological and economical packaging that meets the evolving demands for quality and security. As a machine builder Günter rises to this challenge with the specific needs of our customer-orientated polyethylene sealing machines. In close dialogue with our customers, the engineers of Günter discover the precise solution that meets the market requirements of the customer. Therefore every machine is unique, with Günter's modular machine design and the continuous development in technique and technology ensures prompt adjustments to changing market conditions.

So our customers can be confident that they will stay flexible and respond nevertheless to new challenges in the economic production of FIBCs.

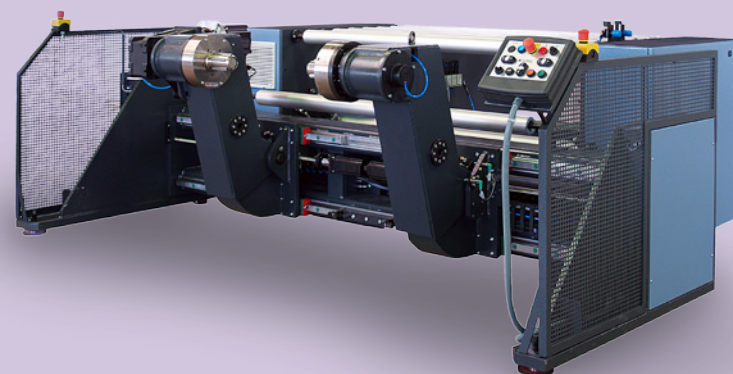
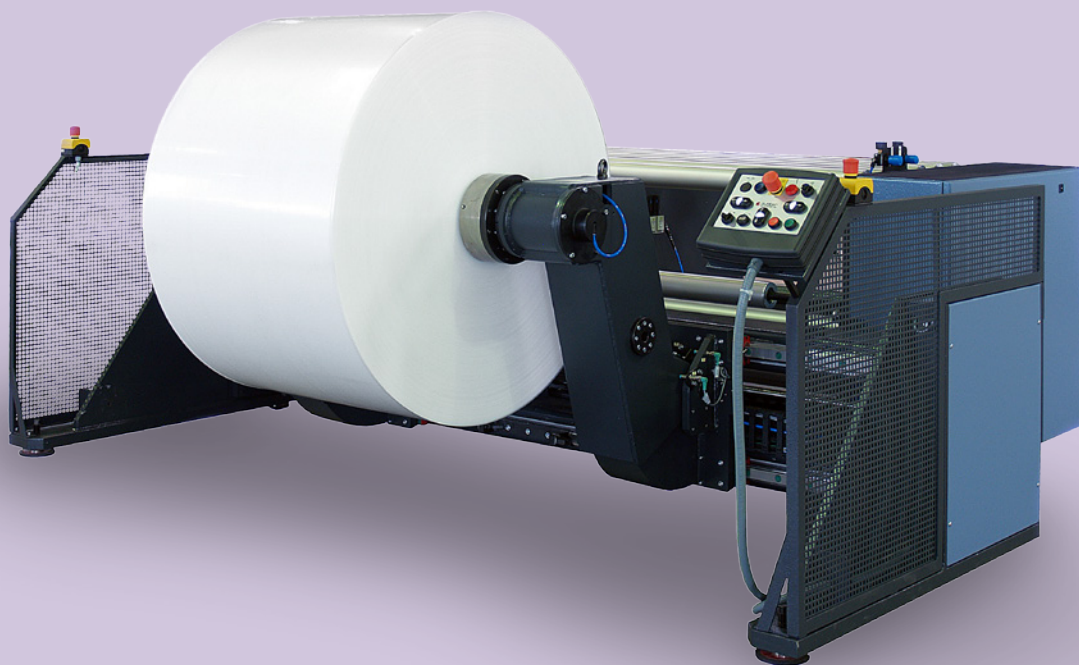
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EASY HANDLING WITH GÜNTER AGGREGATES

SHAFTLESS UNWIND UNIT AZ-A FOR REEL-WIDTH UP TO 2100 MM

Günter presents the new Shaftless Unwind Unit first time this year for "BigBag-Liner". This unit is designed for reel-width up to 2100 mm. Hydraulic reel lifting. Subsequently, the reel will be precisely aligned manually or automatically to the machine centre, supported by several servo motors. This user-friendly technology and the elimination of reel-shafts reduce the changeover time and substantially improve the economic efficiency of the system.



TECHNICAL DATA*

Reel widths	min. 400 mm; max. 850, 1200, 1600, 2100 mm
Reel diameter	max. 1200 mm
Inner core diameter	76 mm (3"), optional 152 mm (6")
Web guide system	optional edge- or centre guide

*Subject to technical modifications

COMPETITIVE ADVANTAGES THROUGH FLEXIBLE LINER DESIGN

Günter is the specialist in individual Liner design: Each machine is unique and developed in close co-operation between our engineers and customers. The following shows an example on the main **focus of form sealing units**, how such **flexibility made by Günter** look like in practice and how our company met the market demands and customer's needs.

Example N°

1

FLEXIBLE LOAD THROUGH WELD REINFORCEMENT

Whether bags or "BigBags", whether light or heavy weight – the most sensitive area of each pouch is the weld, due to high shear forces that occur during and after filling. Using a double-sided weld with 3 – 5 mm heating strips particularly stable seam strength is reached and is demanded especially for high-speed filling machines for Liner products. Of course, the welds can be flexibly adapted.

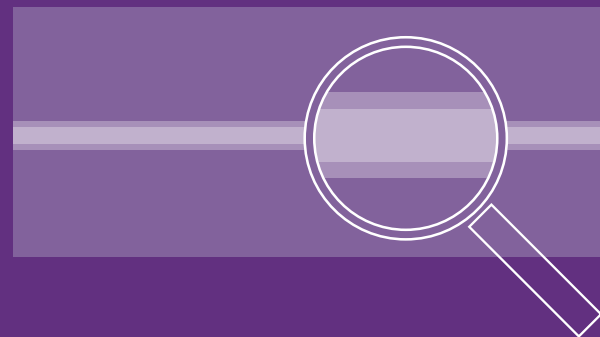


Example N°

2

FLEXIBILITY IN THE PACKAGING OF SEEDS

The biological characteristics of seeds which come in many different shapes and sizes places particularly high demands on packaging and transportation, thus requiring special solutions.



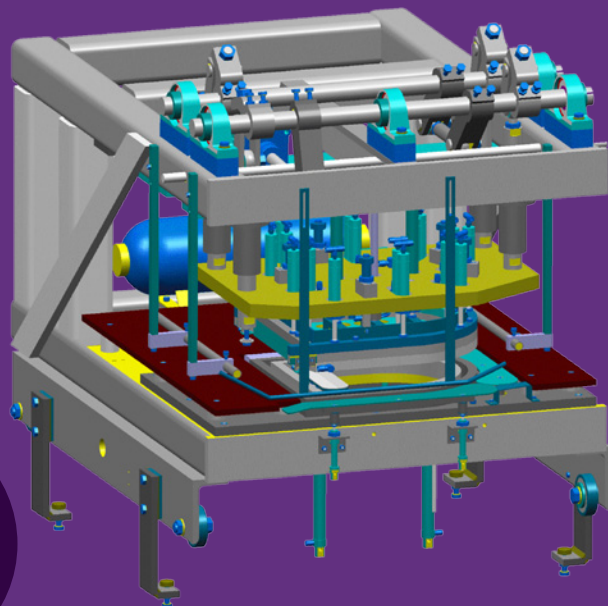
COMPETITIVE ADVANTAGES THROUGH FLEXIBLE LINER DESIGN

Example N°

3

NEW: FLEXIBLE ADJUSTABLE NECK LENGTH WITH AUTOMATIC WASTE REMOVAL

The automatic waste removal for U-Liners is a proven feature for years. Until recently the height of the filler neck (neck length) was technically limited to 400 mm. Now for the first time, the neck length can be variably set in steps of 50 mm from 400 – 700 mm without cutting or hindering the automatic waste removal. This new technology is complimented with an optimized, user-friendly design. This advanced technology from Günter will be presented to our customers for the first time in the 3rd quarter of 2012.



Example N°

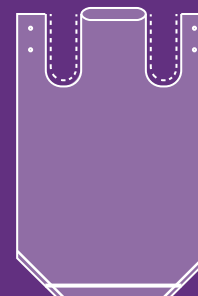
4

FLEXIBLE MATERIAL REDUCTION IN THE BOTTOM AREA

The optional use of a new auxiliary unit allows Liner production for 1 and 2 loop "BigBags" with savings in material of up to 3.5 %. This economically significant saving is achieved by our engineers through a special, flexible, custom made material reduction in the bottom area of the Liner. At full machine capacity it is possible to save up to EUR 10.000 per month.

Material saving up to

3.5 %



Example N°

5

FLEXIBLE USAGE DUE TO SHORTER SETUP TIMES

In close dialogue between our customers and our team of engineers we are constantly "on the ball", developing both technically innovative and user-friendly features for our Liners. Flexible set-up as a measure of the cost factor in terms of time is of particular interest for our customers and therefore the focus of our developments.

EXHIBITION AND EVENT DATES

HOUSE EXHIBITION IN ZWICKAU / 5TH – 9TH MARCH 2012

Traditionally, during 2012 there are house exhibitions at the headquarters of Günter Kunststoffmaschinen with machines to be touched. Expect proven, newly combined and of course innovations made by Günter. It starts in March with the presentation of the AB 2000 SP U-Liner and the BSM 1300 LH2.



Further Dates

At later house exhibitions we will present to you for example Bottle Shape Liner, U-Liner with shaftless unwind unit AZ-A and 90-degree Liner. The exact dates are to be confirmed as usual by e-mail.

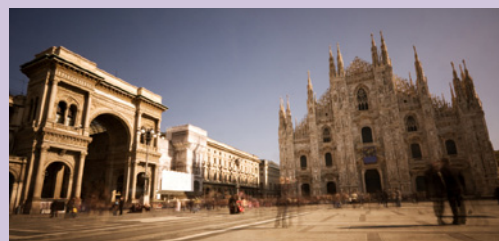


Flexible Intermediate Bulk
Container Association



7TH WORLD FIBC CONGRESS 2012 / 27TH – 28TH JUNE IN MIAMI

The 7th World Congress of the FIBC industry in June in Miami will be one of the main highlights for us. It is an opportunity to meet manufacturers, suppliers, exporters, logistics and users of the FIBC-industry to discuss research results, new techniques and new technologies in a global market. The innovative impulses of this important congress will also be taken into consideration for the new products from our company. Keep yourself in suspense!



PLAST 2012 / 8TH – 12TH MAY 2012 IN MILANO

The European manufacturing industry is again the "core" at PLAST2012, also thanks to the support of EUROMAP (Europe's Association for Plastics and Rubber Machinery Manufacturers). Original tailor made solutions for injection moulding, extrusion, thermoforming, welding, plastics packaging, blow moulding and bottling, auxiliaries, equipment and molds. An advanced experience for the processing industry with a "problem solving" approach, offering a wide variety of reliable, cutting edge technologies.



VARIOUS

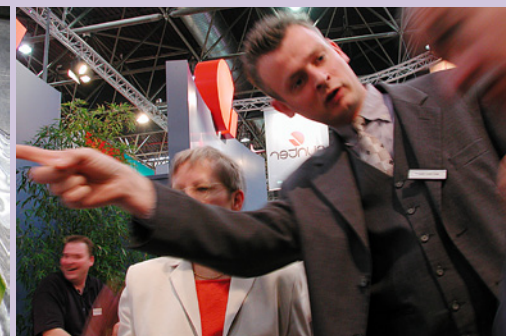


STRONG IN THE COMPOSITE ASSOCIATE MEMBER OF EFIBCA

Since January 2012 Günter Kunststoffmaschinen GmbH is associate member of the EFIBCA. In the context of a modern industrial organization our company is actively involved in the continuous improvement of quality and safety standards based on the latest economic and technical knowledge for manufacturing and using FIBCs.

TEST US!

In Europe about a quarter of a billion tons of goods are transported with FIBCs and the trend is rising. This is mainly due to the versatility of the application of FIBCs for chemicals, minerals, foodstuffs, pharmaceuticals, pesticides, fertilizers, plastics, cement and many more. The market needs new ideas for new usages of FIBC-versions and for your film you need the perfect machine for realization. Günter gives you the opportunity together with our engineers to prove in advance with a film performance test the technical and economic feasibility.



FOLLOW UP: HOUSE EXHIBITION 09/2011

From 18th to 23rd of September 2011 the doors of the world of Günter at its headquarter in Zwickau were opened wide for the last Open House in the old year. More than 20 participants took the opportunity to convince themselves of the high technical standard of the sealing machines. It was an ideal time for direct discussion with the engineers and sales staff and for first sight of new projects for the year 2012. Two participants used the fair as a valuable opportunity to complete a purchase contract with the machine builder of their confidence. As a special highlight, there was 4-loop "BigBags" to see and to touch, but this time not from film but from choux pastry, garnished with pretty exotic fruits for dessert.

Günter Kunststoffmaschinen GmbH

Herschelstraße 12 · D-08060 Zwickau
Telefon +49 375 30345-0 · Fax +49 375 30345-11
E-Mail: info@guenter-kunststoffmaschinen.de
www.guenter-kunststoffmaschinen.de

Hettler-Systeme GmbH

Industriestraße 19 · D-72585 Riederich
Telefon +49 7123 93696-0 · Fax: +49 7123 93696-25
E-Mail: info@hettler-systeme.de
www.hettler-systeme.de

Imprint

Editor: Günter Kunststoffmaschinen GmbH
Proof of pictures: Sebastian Duda / fotolia (page 1), Jurema Oliveira / wikipedia (page 3), kryczka / iStockphoto (page 3), jfmdesign / iStockphoto (page 5), Davide Illini / iStockphoto (page 5)