

RBP BAUER DEBLISTERING.

WHAT MATTERS IS

WHAT REMAINS!

Deblistering
Professional. Efficient.



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MAXIMUM RECOVERY



... for almost every blister!

MAXIMUM CONTROL



... in almost every step!

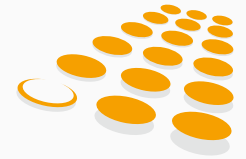
MAXIMUM SERVICE



... by RBP partners almost everywhere!

RBP HOTLINE

+49-2251-77478-0



RBP BAUER DEBLISTERING.

**EFFICIENT DEBLISTERING HAS A NAME:
RBP BAUER DEBLISTERING.**

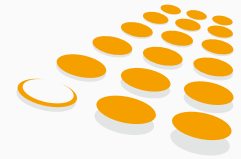
For more than 35 years Deblistering has been the focus of our efforts. Now we want to expand our service with the same passion and enthusiasm for manufacturer of pharmaceutical blister packs.

The demands on blisterpacks by authorities, labeling requirements, marketing, etc. are steadily increasing. Therefore the reasons for automatic deblistering are becoming more and more frequent. We have adapted our deblistering machines to meet these requirements. You are welcome to see our latest innovations.

Check out our latest product developments at ...
www.rbp.de/en/

Henri Engel

RBP THE SIMPLE EQUATION FOR YOUR PROFIT



RBP BAUER DEBLISTERING.

Deblistering, of course, is also just simple mathematics. Your profit is the complete reusable recovery. Unfortunately the devil is in the detail and from time to time just the right support is missing. You can, however, help yourself out with an excellent mnemonic trick ...

RBP – We're here to help!

Deblistering
Professional. Efficient.



R

like Reject

–



B

like Blister

=



P

like Product

DEBLISTERING



DEBLISTERING RELIABLE, QUICK AND IN COMPLIANCE WITH GMP-STANDARDS

Meeting with your requirements regarding automatic deblistering of any blister types and satisfying the regulations of the pharmaceutical industry is our speciality.

Also you should benefit from the experience and from the know-how of the market leader. Low acquisition costs and minimal operating costs measurably improve your batch result.

Application of our blister specific and thoroughly tested sets of change parts will enable you to recover your high-quality pharmaceuticals completely and damage-free.

Deblistering made easy

– This will also apply to your products!

Advantages at a glance:

- Increased efficiency
- Increased earnings
- Reduced quantity of hazardous waste (thus lower waste disposal costs and better eco-friendliness)
- Disburdened employees



TOOL SETS



THE RIGHT CHANGE PARTS FOR EACH AND EVERY BLISTER TYPE

These tool sets are entirely made of stainless steel and consist of a guide plate, a bottom roll with bearings and a painstakingly shaped top roll (no wear-prone, flexible plastic roll). As the wear-free top roll is always adapted to a specific blister, constant and therefore validable long-term results can be guaranteed and validated.

The use of plug-in shafts for installing the rolls makes format change very easy. After a few minutes the machine is ready to operate again – no realignment or adjustments are required.

Here are some cases in which deblistering machines of RBP are used to recover products: erratic pocket filling • incorrect printing • illegible or incorrect batch number • poor blister sealing • inaccurate perforation • deblistering of returns • blister size changes • R&D for clinical studies • product fracture • testing of new deep-drawing tools

GMP-STANDARDS



IMPORTANT FOR YOU ... – INDISPENSABLE FOR US!

All RBP-machines are made in strict compliance with GMP rules. They are easy to clean and effectively prevent any accumulation of product residues in inaccessible areas. All materials used for engineering and manufacturing the blister specific tools are documented and correspond to the standards of the pharmaceutical industry. The recovered products will neither be damaged nor contaminated by foil fragments.

Recovering very small products from large Al/Al blister pockets has always been extremely difficult. Due to the excessive freedom of motion of these objects the deblistering results have not always been satisfactory. By using an optional brush roll working in opposite direction, however, we are now able to fully recover even very small products undamaged.



MADE IN GERMANY



**OUR QUALITY COMMITMENT –
RELY ON OUR PRODUCTS MADE IN GERMANY**

Quality Control > Service & Installation > Warranty

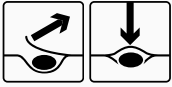
All RBP-machines and deblistering tools are a testimony to our comprehensive know-how. We only use carefully selected and thoroughly tested quality parts and materials in accordance with the pharmaceutical industry's demanding standards.

All RBP-machines are factory-set on delivery and can be commissioned immediately with minimum start-up effort. On request, we can offer you setup and on-site training services as well as validation support according to your specification.

All RBP-machines come with a comprehensive set of documentation comprising easily understandable and richly illustrated operating instructions, a circuit diagram with part lists, the machine layout and an EU Declaration of Conformity including a list of the used materials.

All RBP-machines and change parts are covered by a product warranty of two years. Of course, you can rely on our continued customer support after this period, should any problems occur.

PEELABLE BLISTERS PUSH-THROUGH PACKS



2 TYPES OF BLISTERS WITH DIFFERENT REQUIREMENTS – THE RIGHT MODEL FOR THE RIGHT BLISTER TYPES

Push-through blisters

Recommended models: D1500, D2500, D3600



Suitable for all film types (e. g. PVC, PP, ACLAR, PP, Alu etc.) with or without perforation; even child-proof push-through types and wallets.

Peelable blisters

Our favourite to meet all requirements: CP50



For all film types; with or without perforation; also suitable for very sensitive products in push-through blisters.

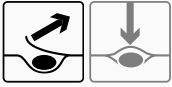
TYPES OF BLISTERS

With more than 4000 different sets of tooling sold to date, we have handled any conceivable type of blister. But even with this record, we are still looking forward to new challenges.

Deblistering
Professional. Efficient.



PEELABLE BLISTERS PUSH-THROUGH PACKS



RBP BAUER **CP50** THE DEBLISTERING MACHINE FOR PEELABLE BLISTERS

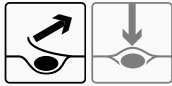
This machine is used for emptying blister packs with non-push-through foils. For increased unattainability for children or protection from moisture these blisters are fitted with an additional peeling foil which has to be pulled off by the consumer. The patented CP50 model performs deblistering without forcing the products through the foil covering. A laser and PLC controlled system opens the pockets accurately around the product by punching the peeling and cover foil at the pocket border, causing the product to fall out of the existing opening.

CP50

Mounted on stainless steel workstation



PEELABLE BLISTERS PUSH-THROUGH PACKS

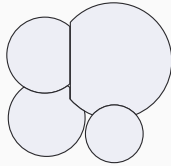


SPECIFICATIONS

Model	CP50
Versions	Mounted on mobile stainless steel workstation
Size (L x W x H)	1110 mm x 610 mm x 1130 mm
Weight	approx. 160 kg
Output	infinitely adjustable CUT Mode: up to 50 blisters/min CONTI Mode: up to 60 blisters/min
Format range (W x L)	variable between 40-145 mm x 55-130 mm
Tool sets	5-7 kg
Supply voltage	110/230 V AC / 50-60 Hz
Control voltage	24 V DC
Tooling changeover	approx. 3 min
Comments	Patent-Nr. 1119706561 / GS-Nr. 07140

Benefit from the full automatic format detection of our CP50. A transponder, integrated into the format set, stores all relevant process parameters such as start-, end- and cutting-position, cutting speed, etc. Our system offers significantly improved operator friendliness and process reliability. Try us . . .

PUSH-THROUGH PACKS



RBP BAUER **D3600** THE RIGHT CHOICE FOR LARGE QUANTITY APPLICATIONS

Most of our customers have a **D3600** installed near every blister line to improve their batch yield. Equipped with speed control, magazine level monitoring, level sensors, counter and product-specific tool sets the machine ensures gentil and GMP-compliant recovery of pharmaceuticals which can thus be returned to the current production cycle.

The **D3600** can handle push-through blisters lengthwise, crosswise or diagonally, depending on the pocket position and the convexity of the blisters. Different product rows can be recovered separately. It is also possible to use a manual feeder (e. g. for extremely blisters). An optional brush roll working in opposite direction ensures the safe recovery of small products from large AI/AI pockets.

Optionally this machine can be connected to your central vacuum system.

Even more safety with our 'Safety-Plus-Package'. All possible access points are monitored with coded tamper-proof magnetic switches.

D3600

D3600



PUSH-THROUGH PACKS



RBP BAUER **D2500** INDIVIDUAL AND FLEXIBLE

Under manufacturing conditions the **D2500** with its two part tool sets (two rolls) is used to recover smaller quantities. Up to 35 manually fed blisters per minute can be emptied efficiently.

For laboratory, galenicals formulation, hospital pharmacy and nursing home use the machines is equipped with an optional "adjustable tool kit". Applications include deblistering of third-party products for clinical studies or the filling of automatic dispensers.

D2500

D2500



PUSH-THROUGH PACKS



RBP BAUER **D1500** IDEAL FOR HOSPITAL PHARMACY AND LABORATORY USE

This compact device incorporates a bottom roll with adjustable discs that are infinitely variable for any blister type. It is operated with minimum effort using a manual crank, requiring no electrical connection whatsoever.



D1500

Desktop device

D1500



PUSH-THROUGH PACKS



SPECIFICATIONS



Model	D3600	D2500	D1500
Versions	1.) Mounted on mobile stainless steel workstation 2.) Open stainless steel workstation and attached switchgear cabinet	1.) With open stainless steel workstation 2.) Desktop machine	Desktop device
Size (L x W x H)	1.) 950 mm x 500 mm x 1100 mm 2.) 550 mm x 480 mm x 1150 mm	1.) 560 mm x 500 mm x 1050 mm 2.) 450 mm x 530 mm x 280 mm	350 mm x 320 mm x 220 mm
Weight approx.	1.) 110 kg 2.) 70 kg	1.) 45 kg 2.) 25 kg	7 kg
Output	infinitely variable, up to 60 blisters/min	up to 35 manually fed blisters/min	10-15 blisters/min manually cranked 1:2
Format range (W x L)	150 mm x 120 mm	150 mm x unlimited (incl. endless blister strip)	150 mm x unlimited (incl. endless blister strip)
Tool sets	3 kg	approx. 2 kg	-
Supply voltage	110/230 V AC / 50-60 Hz	110/230 V AC / 50-60 Hz	-
Control voltage	24 V DC	-	-
Tooling changeover	approx. 3 min	approx. 3 min	-
Comments	GS-Nr. 04119	GS-Nr. 04120	Utility patent Nr. 29907976.7

RBP BAUER **ST50** PUNCHING AND DIVIDING MADE EASY

The RBP ST50 offers the possibility to divide any standard blisters into single pocket blisters or pocket groups.

Re-import made easy: Adjust the re-imported EU-pharmaceuticals to your local requirements.

RBP ST50 AND GMP

- no products are left hidden in the machine
- the machine is easy to clean
- the divided blisters as well as the residues are automatically separated

SPECIAL FEATURES AND OPTIONS

- mobile stainless steel workstation with integral switch cabinet
- magazine level monitor for automatic switch-off
- stored programme control (PLC)
- pressure air supply: 8 bar

ST50

BENEFITS AT A GLANCE

- simple, reliable and accurate blister dividing
- every layout possible
- operating errors are almost impossible
- tested product-specific change parts (5 parts) require no adjustment at all



Mounted on mobile stainless steel workstation

Model	ST50
In use for	all commercially available blisters
Size (L x W x H)	520 x 520 x 1360 mm
Weight approx.	80 kg
Output	infinitely variable, up to 40 blisters/min
Format range (W x L)	145 x 130 mm
Tool sets	1,5 kg
Supply voltage	110/230 V AC / 50-60 Hz
Control voltage	24 V DC
Tooling changeover approx.	10 min
Pneumatic	8 bar

Parallel- or reimporting is no longer a problem. Simply adjust the package size to your market with our proven punching system without opening the primary package.

RBP IN EUSKIRCHEN

RBP BAUER HAS THE RIGHT ANSWER
TO ALL OF YOUR DEBLISLERING NEEDS!

We will be pleased to talk to you about technical aspects,
specifications and costs ...

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www.rbp.de/en/



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www.rbp.de

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