

DAISO

M. Busch

EUROPE

Product Catalogue 2020

PRECISE DIECUTTING

EFFICIENT PROCESSING





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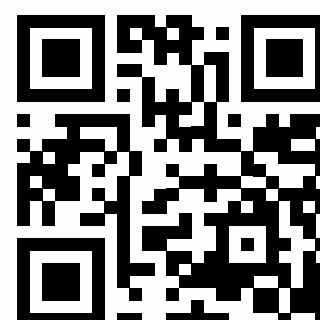
## Platen Cleaning

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# Highlights



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# New Products



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## PERFECT PRICE-PERFORMANCE RATIO

### Higher Creasing Quality:

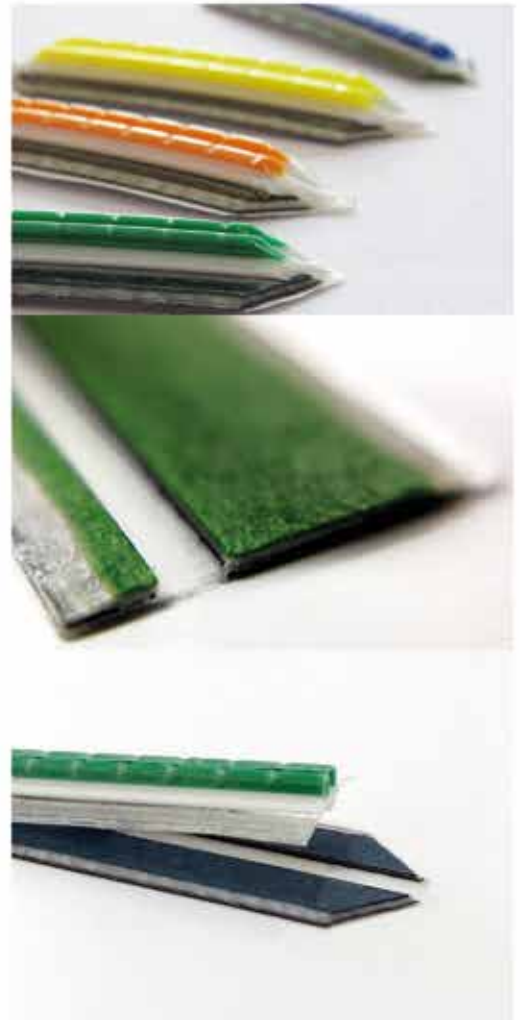
- Locator with integrated guide strip technology
- More grip on the creasing rule
- Higher precision when transferring to the cutting plate
- No falling down when turning chase
- Even short pieces hold reliably
- Optimal post-processing possible

### Better Production Stability:

- Vulcanized fiber base material
- Very high mechanical strength
- Wear-resistant material ( $\geq 300.000$  die-cuttings)
- Antistatic material prevents dust binding

### Lateral Film Gluing

- No adhesive residue
- No locators falling out
- High heat resistance and strong adhesion



## CARTON / CARDBOARD



8 mm

**M-TYPE**

- Creasing Rule: 2-3 pt (0.7 - 1.05 mm)
- Total width: 8 mm
- PU: 50 x 700 mm

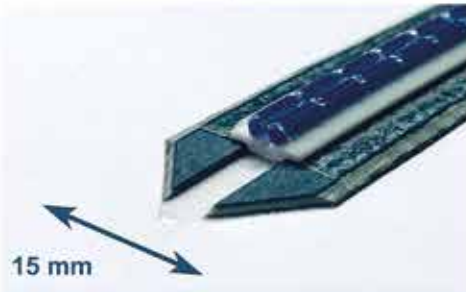


10 mm

**A-TYPE**

- Creasing Rule: 2-3 pt (0.7 - 1.05 mm)
- Total width: 10 mm
- PU: 100 x 700 mm

## CORRUGATED CARDBOARD



15 mm

**S-TYPE**

- Creasing Rule: 2-3 pt (0.7 - 1.05 mm)
- Total width: 15 mm
- PU: 50 x 700 mm



15 mm

**B-TYPE**

- Creasing Rule: 4 pt (1.4 mm)
- Total width: 15 mm
- PU: 50 x 700 mm



15 mm

**C-TYPE**

- Creasing Rule: 6 pt (1.8 - 2.1 mm)
- Total width: 15 mm
- PU: 50 x 700 mm

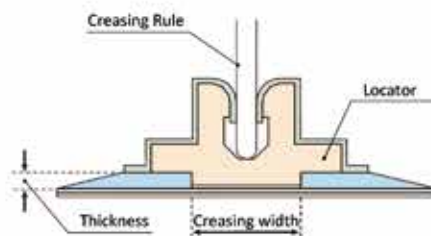


15 mm

**D-TYPE**

- Creasing Rule: 8 pt (2.8 - 3 mm)
- Total width: 15 mm
- PU: 50 x 700 mm

Types: M | A | B | S | C | D



Total Width 8 mm			Total Width 10 mm					
M Type 2 - 3 pt (0.7 - 1.05 mm)			A Type 2 - 3 pt (0.7 - 1.05 mm)					
Thickness x Creasing Width								
0,3 x 0,8	0,4 x 0,8	0,5 x 0,8	0,3 x 0,8	0,4 x 0,8	0,5 x 0,8	0,6 x 0,8	0,7 x 1,5	0,8 x 2,1
0,3 x 1,0	0,4 x 1,0	0,5 x 1,0	0,3 x 1,0	0,4 x 1,0	0,5 x 1,0	0,6 x 1,0	0,7 x 1,7	0,8 x 2,5
0,3 x 1,2	0,4 x 1,1	0,5 x 1,2	0,3 x 1,2	0,4 x 1,1	0,5 x 1,1	0,6 x 1,1	0,7 x 1,9	0,8 x 2,7
0,3 x 1,3	0,4 x 1,2	0,5 x 1,3	0,3 x 1,3	0,4 x 1,2	0,5 x 1,2	0,6 x 1,2	0,7 x 2,1	0,8 x 3,0
0,3 x 1,4	0,4 x 1,3	0,5 x 1,4	0,3 x 1,4	0,4 x 1,3	0,5 x 1,3	0,6 x 1,3	0,7 x 2,3	
0,3 x 1,5	0,4 x 1,4	0,5 x 1,5	0,3 x 1,5	0,4 x 1,4	0,5 x 1,4	0,6 x 1,4	0,7 x 2,7	
	0,4 x 1,5	0,5 x 1,6		0,4 x 1,5	0,5 x 1,5	0,6 x 1,5	0,7 x 3,0	
	0,4 x 1,6	0,5 x 1,7		0,4 x 1,6	0,5 x 1,6	0,6 x 1,7		
	0,4 x 1,7	0,5 x 1,9		0,4 x 1,7	0,5 x 1,7	0,6 x 1,9		
	0,4 x 1,9	0,5 x 2,0		0,4 x 1,9	0,5 x 1,9	0,6 x 2,1		
					0,5 x 2,1	0,6 x 2,3		
					0,5 x 2,2	0,6 x 2,5		
					0,5 x 2,4	0,6 x 2,7		
						0,6 x 3,0		

Total Width 15 mm														
S Type 2 - 3 pt (0.7 - 1.05 mm)					B Type 4 pt (1.4 mm)			C Type 6 pt (2 mm)			D Type 8 pt (2.8 - 3 mm)			
Thickness x Creasing Width														
0,5 x 2,3	0,6 x 2,1	0,7 x 2,1	0,8 x 2,5	1,0 x 3,0	0,6 x 2,7	0,7 x 2,5	0,8 x 2,7	1,0 x 3,0	0,6 x 3,0	0,7 x 3,0	0,8 x 3,0	1,0 x 4,0	0,8 x 5,0	1,0 x 5,0
0,5 x 2,5	0,6 x 2,3	0,7 x 2,3	0,8 x 2,7	1,0 x 3,5	0,6 x 2,8	0,7 x 2,7	0,8 x 3,0	1,0 x 3,2	0,6 x 3,2	0,7 x 3,2	0,8 x 3,2	1,0 x 4,5	0,8 x 6,0	1,0 x 6,0
0,5 x 2,7	0,6 x 2,7	0,7 x 2,5	0,8 x 3,0	1,0 x 4,0	0,6 x 3,0	0,7 x 3,0	0,8 x 3,2	1,0 x 3,5	0,6 x 3,5	0,7 x 3,5	0,8 x 3,5	1,0 x 5,0	0,8 x 7,0	1,0 x 7,0
0,5 x 3,0	0,6 x 3,0	0,7 x 2,7	0,8 x 3,2		0,6 x 3,2	0,7 x 3,2	0,8 x 3,5	1,0 x 4,0	0,6 x 4,0	0,7 x 4,0	0,8 x 4,0	1,0 x 6,0		
	0,6 x 3,2	0,7 x 3,0	0,8 x 3,5		0,6 x 3,5	0,7 x 3,5	0,8 x 4,0	1,0 x 4,5	0,6 x 4,5	0,7 x 4,5	0,8 x 4,5			
	0,6 x 3,5		0,8 x 4,0		0,6 x 4,0	0,7 x 4,0	0,8 x 4,5	1,0 x 5,0	0,6 x 5,0	0,7 x 5,0	0,8 x 5,0			
	0,6 x 4,0				0,6 x 4,5	0,7 x 4,5	0,8 x 5,0	1,0 x 6,0		0,7 x 6,0	0,8 x 6,0			
					0,6 x 5,0	0,7 x 5,0	0,8 x 6,0							

\*Other sizes available on request

### Application Accessories

Cutter Clean - Cutting Plate Cleaner  
with Antistatic Effect

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X-Design -  
The High-Performance Cutter

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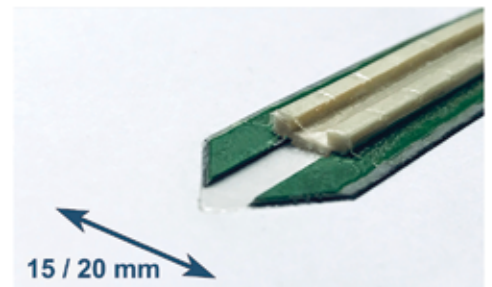
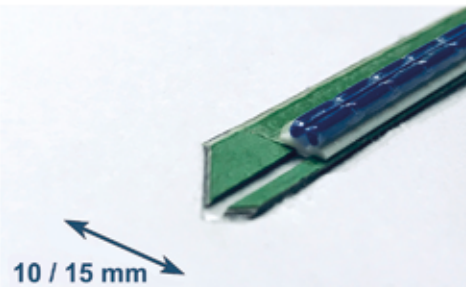
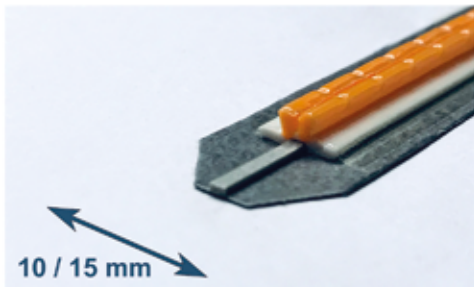
XSR-300 - The Scraper

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# Creasing Matrix

# G-Tape Special



**G-TYPE**

**Reverse Creasing**

- Total width: 10/15 mm (G-1 = 10 mm)
- PU: 50 x 700 mm

**W-TYPE**

**Off-Center/Double Creasing**

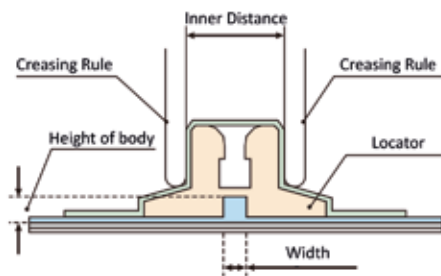
- Creasing Rule: 2-3 pt (0.7-1.05 mm)
- Total width: 10/15 mm
- PU: 50 x 700 mm

**BW-TYPE**

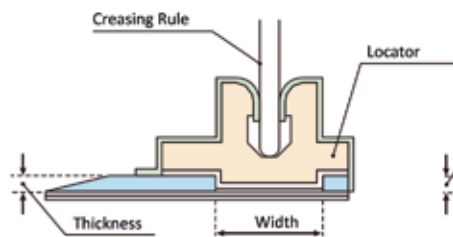
**Double Creasing**

- Total width: 15/20 mm
- PU: 50 x 700 mm

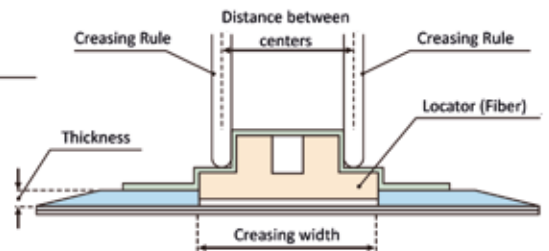
**G-Type**



**W-Type**




**BW-Type**



Reverse Creasing G Type			Off-Center / Double Creasing W Type							Double Creasing BW Type			
Thickness	Width	Inner Distance	Thickness x Creasing Width							Thickness x Creasing Width/Distance Center-Center			
0,6	2 pt (0,7)	1,7	0,3 x 1,0	0,4 x 1,0	0,5 x 1,0	0,6 x 1,2	0,7 x 1,0	0,8 x 2,1	1,0 x 3,0	0,6 x 5,0/3	0,7 x 5,0/3	0,8 x 5,0/3	1,0 x 5,0/3
0,8	3 pt (1,05)	2,4	0,3 x 1,2	0,4 x 1,2	0,5 x 1,2	0,6 x 1,3	0,7 x 1,5	0,8 x 2,3	1,0 x 3,2	0,6 x 6,0/4	0,7 x 6,0/4	0,8 x 6,0/4	1,0 x 6,0/4
1,0	4 pt (1,4)	3,0	0,3 x 1,3	0,4 x 1,3	0,5 x 1,3	0,6 x 1,4	0,7 x 1,7	0,8 x 2,7		0,6 x 7,0/5	0,7 x 7,0/5	0,8 x 7,0/5	1,0 x 7,0/5
1,0	6 pt (2,0)	4,0	0,3 x 1,4	0,4 x 1,5	0,5 x 1,5	0,6 x 1,5	0,7 x 1,9	0,8 x 3,0		0,6 x 8,0/5	0,7 x 8,0/5	0,8 x 8,0/5	1,0 x 8,0/5
1,0	8 pt (3,0)	5,0	0,3 x 1,5	0,4 x 1,7	0,5 x 1,7	0,6 x 1,6	0,7 x 2,1			0,7 x 9,0/6,5	0,8 x 9,0/6,5	1,0 x 9,0/6,5	
				0,4 x 1,9	0,5 x 1,9	0,6 x 1,7	0,7 x 2,3						
					0,5 x 2,1	0,6 x 1,9	0,7 x 2,7						
					0,5 x 2,3	0,6 x 2,1	0,7 x 3,0						
					0,5 x 2,7	0,6 x 2,3	0,7 x 3,0						
						0,6 x 2,7							
						0,6 x 3,0							

\*Other sizes available on request

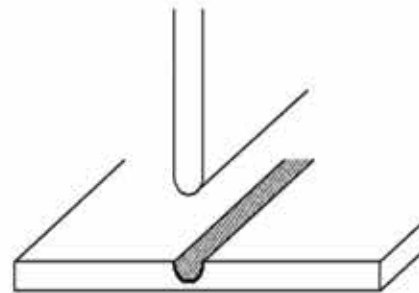




**RAIL TAPE**

- Height: 0.6 mm
- Width: 20 mm
- Length: 600 mm

- Diecutting thin paper (approx. 180 – 260 g)
- The creasing rule forms the creasing channel during diecutting



## CREASE GAUGE



### Measuring with High Quality

- Measuring the height / depth of creasing
- Quality control with simple steps
- Record of creasing data for long run job

Order No.	Description	Sales Unit
CG-S	Crease Gauge with Standard Pin	1 pc(s)
CG-N	Crease Gauge with Needle Pin	1 pc(s)
CG-SS	Standard Pin	1 pc(s)
CG-SN	Needle Pin	1 pc(s)

# G-Tape Recommendation Cardboard

Weight per m <sup>2</sup>	Material Thickness (mm)	Creasing Rule Thickness x Height	Recommendation G-Tape		
			Item Code	Thickness	Channel Width
50 g	0.063 - 0.065	2 pt (0.7 mm) x 23.5	A-0308	0.3	0.8
180 g	0.22 - 0.23	2 pt (0.7 mm) x 23.5	A-0312	0.3	1.2
200 g	0.26 - 0.27	2 pt (0.7 mm) x 23.5	A-0312	0.3	1.2
230 g	0.29 - 0.30	2 pt (0.7mm) x 23.5	A-0313	0.3	1.3
270 g	0.34 - 0.35	2 pt (0.7 mm) x 23.4	A-0414	0.4	1.4
300 g	0.39 - 0.40	2 pt (0.7mm) x 23.4	A-0415	0.4	1.5
350 g	0.44 - 0.46	2 pt (0.7 mm) x 23.3	A-0516	0.5	1.6
		3 pt (1.05 mm) x 23.3	A-0519	0.5	1.9
400 g	0.50 - 0.52	2 pt (0.7 mm) x 23.3	A-0517	0.5	1.7
		3 pt (1.05 mm) x 23.3	A-0520	0.5	2.0
450 g	0.57 - 0.59	2 pt (0.7 mm) x 23.2	A-0619	0.6	1.9
		3 pt (1.05 mm) x 23.2	A-0622	0.6	2.2
500 g	0.63 - 0.65	2 pt (0.7 mm) x 23.2	A-0620	0.6	2.0
		3 pt (1.05 mm) x 23.2	A-0623	0.6	2.3
550 g	0.70 - 0.72	3 pt (1.05 mm) x 23.1	A-0725	0.7	2.5
		4 pt (1.4 mm) x 23.1	B-0727	0.7	2.7
600 g	0.76 - 0.78	3 pt (1.05 mm) x 23.0	A-0827	0.8	2.7
		4 pt (1.4 mm) x 23.0	B-0830	0.8	3.0

Note: These recommendations may vary slightly because of material quality.

**Channel Width (C) =  
2 x Thickness of Material (B) + Thickness of Creasing Rule (A)**

**Example calculation:**

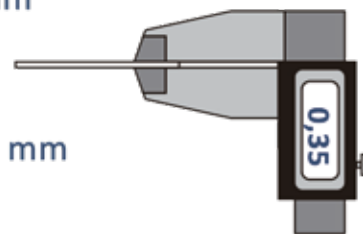
Scenario: Weight per m<sup>2</sup> = 270 g → A = 2 pt (0,7 mm), B = 0,35 mm

C = 2 x 0,35 mm + 0,7 mm = 0,7 mm + 0,7 mm

C = 1,4 mm

Selection:

1. 2 pt = A-Type    2. B = 0,35 mm    3. C = 1,4 mm



**A-0414**

# G-Tape Recommendation Corrugated Board

Parameter			Combination	Creasing Rules				
Flute	Diecutting side	Material Thickness	Cutting Rule Height x Thickness	2 pt	3 pt	4 pt	6 pt	8 pt
F	Printed	0.8 mm	23.0 x 3/4 pt	*A-0622	A-0623	B-0627		
F	Inner	0.8 mm	23.0 x 3/4 pt	*A-0623	A-0623	B-0627		
E	Printed	1.5 mm	23.0 x 4 pt		A-0624	B-0627	C-0832	
E	Inner	1.5 mm	23.0 x 4 pt		S-0627	B-0630	C-0835	
E-laminated	Printed	1.5 mm	23.0 x 4 pt		A-0827	B-0830	C-0835	
E-laminated	Inner	1.5 mm	23.0 x 4 pt		S-0630	B-0632	C-0835	
B	Inner	3.0 mm	23.0 x 4/6 pt		S-0830	B-0835	C-0840	D-0850
B-laminated	Inner	3.0 mm	23.0 x 4/6 pt		S-0830	B-0835	C-0840	D-0850
C	Inner	4.0 mm	22.9 x 4/6 pt		S-0835	B-0840	C-1040	D-1050
FE	Inner	2.3 mm	23.1 x 3/4 pt		S-0827	B-0832	C-0840	D-0850
EE	Inner	3.0 mm	23.0 x 4/6 pt		S-0830	B-0835	C-0840	D-0850
EB	Inner	4.5 mm	22.8 x 6/8 pt			*B-0840	C-1050	D-1060
EC	Inner	5.5 mm	22.7 x 6-8 pt			*B-0845	C-1050	D-1060
BC	Inner	7.0 mm	22.2/22.3 x 6/8 pt			*B-1045	C-1050	D-1070

\* Only applied if tools equipped with corresponding creasing rules are used

Note: These recommendations may vary slightly because of material quality.

**Channel Width (C) =**  
**2,2 x Thickness of Compressed Material (B) + Thickness of Creasing Rule (A)**

**Example calculation:**

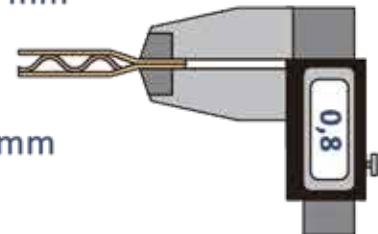
Scenario: B-Flute → A = 8 pt (3,0 mm), B = 0,8 mm

C = 2,2 x 0,8 mm + 3,0 mm = 1,76 mm + 3,0 mm

C = 4,76 mm ≈ 5,0 mm

Selection:

1. 8 pt = D-Type    2. B = 0,8 mm    3. C = 5,0 mm



**Consulting + Test Service**  
**for application, size or rubbers**  
*Page 53*



# Tuning Creasing

## VS-IV DAISO-CUTTER

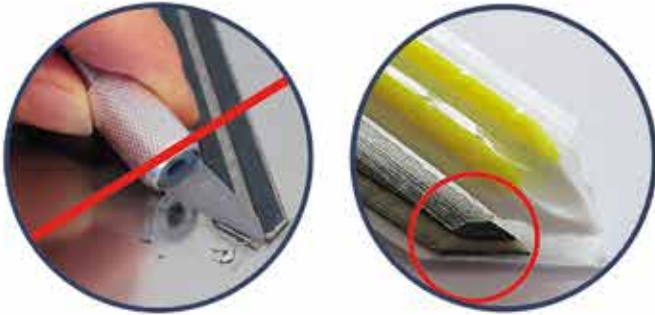


### More Time to Produce

- 45° mitre cut & chamfering in one step
- Exclusive for our Creasing Matrix G-Tape

### VS-IV Specifications:

- Length: 740 mm
- Width: 90 mm
- Height: 310 mm
- Weight: 6,8 kg



### Time saving

Manual chamfering of edges takes aprox. **10 min**



**5 Orders per day = 50 min**  
The usage of our Cutter will save **20 hours per month**



+ No risk of contamination because of waste pieces of products  
+ No risk of cuts

Order No.	Description	Sales Unit
DC-500	Daiso Cutter with 500 mm measure scale	1 pc(s)
DC-700	Daiso Cutter with 700 mm measure scale	1 pc(s)

## STANDARD MATRIX-CUTTER



### The Classic

- Cutting creasing matrix with double mitre cut
- Waste ejection downwards

Order No.	Description	Sales Unit
MC	Matrix Cutter with 500 mm measure scale	1 pc(s)

## SUPER-G



### Prevention instead of Wasting Time

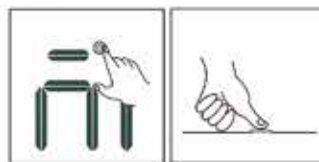
- Special glue for production security & creasing quality
- Additional fixing of creasing matrix and Pertinax

Order No.	Description	Sales Unit
G2	Super-G - 2 g	2 pc(s)
G50	Super-G - 50 g	1 pc(s)

## JUMP STICKER



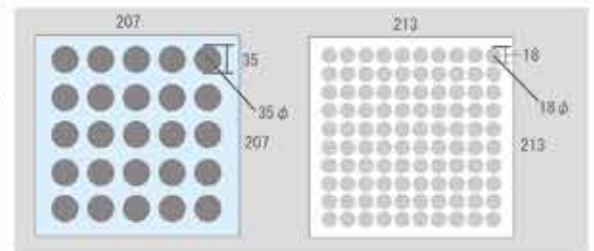
Application:



### Sheet-Lifting instead of Tearing Off

- No separation in die-cutter
- Less demolished and displaced creasing matrices
- Less production interruptions

Order No.	Description	Sales Unit
JUMP	Jump Sticker - 100 pcs	1 Set



## LIBIC TAPE



### Prevent Edges

- Aluminium based tape
- Better sliding over the creasing matrix
- No releasing or changing through frictional heat
- Increased production security
- No residues of tapes on the products

Order No.	Description (Thickness x Width x Length)	Sales Unit
LT-6	Libic-Tape - 0.06 mm x 6 mm x 10 m	5 rolls
LT-15	Libic-Tape - 0.06 mm x 15 mm x 10 m	5 rolls



# Rubber



Rubber is a science in itself: A good rubber coating has a massive impact on the performance of a die-form and thus on the productivity of the die-cutting machine. Various applications and materials require a wide variety of rubbers. In addition to traditional plate products, rubber profiles are increasingly becoming an indispensable tool.

- 1. Ejection Rubber** **P. 15**
- 2. Rubber Profile**  
Application:
  - a) Cutting Rules **P. 18**
  - b) Creasing Rules **P. 20**
  - c) Perforating and Cut-Crease **P. 21**
  - d) Slots **P. 22**
- 3. Accessories** **P. 22**



## 1. EJECTION RUBBER

All customized **heights** available on request.

On request all ejection rubbers are also available with **self-adhesive** and as a **strip product**.

All plates are also available in customized sizes.

### Cutting into Strips

- Straight cut
- Corrugated cut
- Serrated cut
- Strips with separator
- Trapezoidal profile

Speed X	
Hardness (Shore A)	15°   25°   35°
Specifications	<ul style="list-style-type: none"> <li>• The right hardness at a glance through color coding</li> <li>• Die-cutting pressure reduction &amp; minimization of disturbing impressions</li> <li>• Less nicks &amp; faster sheet travel</li> <li>• Raw material EVA → UV-resistant &amp; long-lasting</li> </ul>
Delivery Form	500 x 1000 mm



Speed-Eject	
Hardness (Shore A)	15°   20°   25°   30°   35°   40°   45°   50°
Specifications	<ul style="list-style-type: none"> <li>• Skin one side</li> <li>• Extreme wear resistance → no intermediate maintenance necessary</li> <li>• Higher speeds during die-cutting possible</li> </ul>
Delivery Form	500 x 500 mm



Open Cell Sponge Rubber	
Hardness (Shore A)	15°   25°   35°
Specifications	<ul style="list-style-type: none"> <li>• Skin one side</li> <li>• Colours: black or grey</li> </ul>
Delivery Form	1000 x 1000 mm



Closed Cell Rubber	
Hardness (Shore A)	15° (without skin)   20° (skin one side)   25°
Specifications	<ul style="list-style-type: none"> <li>• Raw material base NR / SBR</li> <li>• Without skin or skin one side</li> <li>• Colour: black</li> </ul>
Delivery Form	1000 x 1000 mm

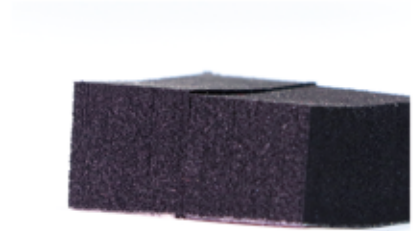


# Rubber

Closed Cell Rubber R	
Hardness (Shore A)	20°
Specifications	<ul style="list-style-type: none"> <li>Without skin</li> <li>Colour: grey or red</li> </ul>
Delivery Form	1000 x 1000 mm



Closed Cell Gas Blown EPDM	
Hardness (Shore A)	15° (without skin)   20° (skin one side)
Specifications	<ul style="list-style-type: none"> <li>Without skin or skin one side</li> <li>Application especially in the processing of corrugated board</li> <li>Colour: black</li> </ul>
Delivery Form	500 x 1000 mm



Closed Cell Gas Blown Neoprene – Rotary Rubber	
Hardness (Shore A)	15°   20°   25°
Specifications	<ul style="list-style-type: none"> <li>Skin one side</li> <li>Colour: grey, black or red</li> </ul>
Delivery Form	990 x 990 mm



Vulcan	
Density (RG)	35   45/50   60/65
Specifications	<ul style="list-style-type: none"> <li>Colour: beige</li> <li>Large plates for special use on water jet machines</li> </ul>
Delivery Form	250 x 500 mm   500 x 500 mm   750 x 550 mm



Ultra Stripping Foam	
Density (RG)	40   50
Specifications	Colour: white or yellow
Delivery Form	1000 x 1000 mm
Service	<i>Cutting into cubes</i>



Cork	
Hardness (Shore A)	65°
Delivery Form	approx. 990 x 640 mm

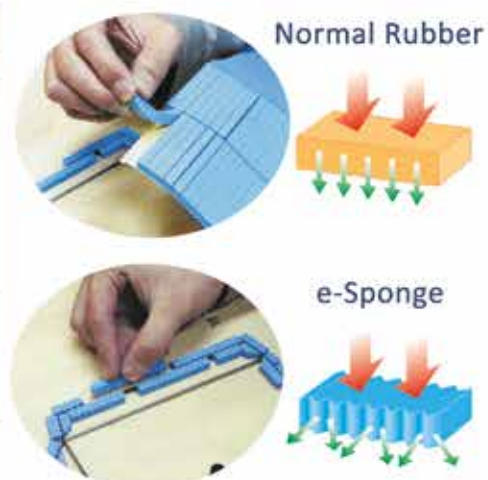


## THE JAPANESE STYLE

Flex Rubber	
Hardness (Shore A)	45°
Specifications	<ul style="list-style-type: none"> <li>• Fast rubberizing of contours (curves, circles &amp; corners)</li> <li>• Easy crosscutting by tearing off</li> <li>• Self-adhesive</li> </ul>
Order No. (H x W x L)	F8: 10 strips à 8 x 8 x 450 mm F10: 10 strips à 10 x 8 x 450 mm



E-Sponge	
Hardness (Shore A)	43°   58° (e-DX)
Specifications	<ul style="list-style-type: none"> <li>• Closed cell rubber with excellent abrasion resistance and durable with long life</li> <li>• Self-Adhesive strips for a quick application</li> <li>• Double-sided waveform dispense the pressure</li> </ul>
Order No. (H x W x L)	e-A: 700 strips à 10 x 10 x 60 mm e-B: 700 strips à 8 x 10 x 60 mm e-C: 1000 strips à 8 x 7 x 60 mm e-DX: 1000 strips à 7 x 7 x 60 mm (mesh skin)





## 2. RUBBER PROFILE

All customized **heights** and **widths** available on request.

### a) Application: Cutting Rules

Sprint Profile	
Hardness (Shore A)	70°
Specifications	<ul style="list-style-type: none"> <li>• 100% UV-resistant and very durable (&gt; 1.5 million die-cuts) → less nicks and reduced dust</li> <li>• Constant ejection force at high speeds and conditions</li> <li>• Excellent abrasion resistance</li> <li>• Narrow profiles are available for small spaces</li> <li>• Colour: white</li> </ul>
Variants	<ul style="list-style-type: none"> <li>• Widths: 3 mm   5 mm   8 mm</li> <li>• Trapezoid or bevelled</li> </ul>
Delivery Form (SU)	<ul style="list-style-type: none"> <li>• &lt; 9 mm height: 60 m = 100 x 60 cm</li> <li>• ≥ 9 mm height: 30 m = 50 x 60 cm</li> </ul>



Cork Profile	
Hardness (Shore A)	65°
Variants	quarter round or with spacer
Delivery Form (SU)	<ul style="list-style-type: none"> <li>• &lt; 10 mm height: 60 m = 100 x 60 cm</li> <li>• ≥ 10 mm height: 30 m = 50 x 60 cm</li> </ul>



Trapezoidal Profile	
Hardness (Shore A)	20°   35°
Specification	Die-cutting material is fixed directly to the cutting rule → prevents tearing of the nicks
Delivery Form (SU)	1 m <sup>2</sup> sliced



Vulcan Profile - rounded	
Density (RG)	35   45   50   65
Variants	quarter round or with spacer
Delivery Form (SU)	100 m = 200 x 50 cm



Euro Rubba D	
Hardness (Shore A)	50°
Specifications	<ul style="list-style-type: none"> <li>Especially for use at glue flaps</li> <li>All sizes are also available as narrow strips</li> </ul>
Delivery Form (SU)	<ul style="list-style-type: none"> <li>&lt; 9 mm height: 60 m = 100 x 60 cm</li> <li>≥ 9 mm height: 30 m = 50 x 60 cm</li> </ul>



C-Profile	
Hardness (Shore A)	60°
Variant	Trapezoid
Delivery Form (SU)	<ul style="list-style-type: none"> <li>&lt; 9 mm height: 60 m = 100 x 60 cm</li> <li>≥ 9 mm height: 30 m = 50 x 60 cm</li> </ul>



Soft C-Profile	
Hardness (Shore A)	25°
Specifications	<ul style="list-style-type: none"> <li>Trapezoid with spacer for plywood</li> <li>Material is compressed directly at the cutting edge → No tearing of the line board</li> <li>Application mostly with corrugated board</li> <li>Colour: red</li> </ul>
Delivery Form (SU)	30 m = 50 x 60 cm



Clean-Cut Rubber	
Version	Rubber + Clip Rail
Specifications	<ul style="list-style-type: none"> <li>Grinding nicks without damaging the rubber</li> <li>Clean cutting results of corrugated cardboard</li> </ul>
Order No. (SU)	CCR = 1 m Rail + Rubber



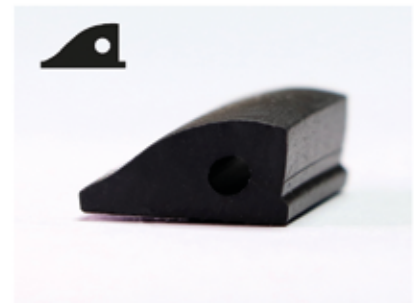
# Rubber

## b) Application: Creasing Rules

Cushion Crease	
Hardness (Shore A)	60°
Specifications	<ul style="list-style-type: none"> <li>• Creasing rubber with high wear and height resistance</li> <li>• Colour: black with colour coding for safe detection of heights</li> </ul>
Delivery Form (SU)	<ul style="list-style-type: none"> <li>• &lt; 10 mm height: 40 m = 40 x 100 cm</li> <li>• ≥ 10 mm height: 30 m = 30 x 100 cm</li> </ul>



Easy Crease	
Hardness (Shore A)	60°
Specifications	Reduces the tearing of corrugated board
Delivery Form (SU)	20 m = 20 x 100 cm



G-Profile	
Hardness (Shore A)	70°
Specifications	Reduces problems when creasing corrugated board with high recycled content and short fibers
Delivery Form (SU)	<ul style="list-style-type: none"> <li>• &lt; 9 mm height: 60 m = 100 x 60 cm</li> <li>• ≥ 9 mm height: 30 m = 50 x 60 cm</li> </ul>



B2 Profile Rubber – Triangle Wedge	
Hardness (Shore A)	60°
Variants	7,0 x 12,5 mm   7,5 x 12,5 mm
Delivery Form (SU)	60 m = 100 x 60 cm



C3 Profile Rubber with 2 mm distance	
Hardness (Shore A)	60°
Specifications	<ul style="list-style-type: none"> <li>• For perfect creasing with creasing matrices</li> <li>• 7 x 12,5 mm</li> </ul>
Delivery Form (SU)	60 m = 100 x 60 cm





D4 Profile Rubber with Bore	
Hardness (Shore A)	60°
Specifications	<ul style="list-style-type: none"> <li>For complicated creasing</li> <li>Width: 25 mm</li> </ul>
Delivery Form (SU)	30 m = 50 x 60 cm



Vulko Crease	
Density (RG)	45/50
Specification	Width: 20 mm
Delivery Form (SU)	50 m = 50 x 100 cm



## c) Application: Perforating and Cut-Crease

A1 Rubber Profile – Triangle Wedge	
Hardness (Shore A)	60°
Variants	<ul style="list-style-type: none"> <li>With pinch chamfer or with spouting tip</li> <li>10 x 10 mm   8 x 10,5 mm</li> </ul>
Delivery Form (SU)	60 m = 100 x 60 cm



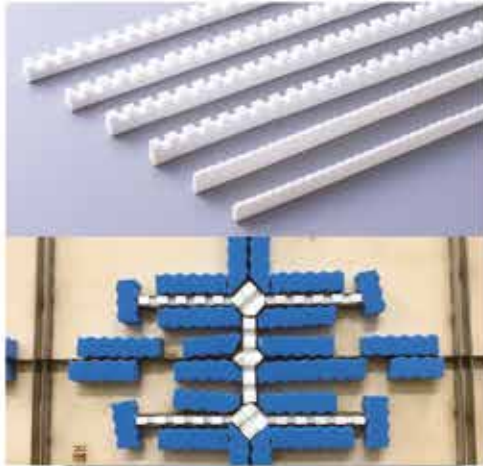
D5 Profile for Cut-Crease	
Hardness (Shore A)	75°
Specifications	<ul style="list-style-type: none"> <li>Ensures clean and exact cut edges</li> <li>Beveled at the top</li> </ul>
Variants	Widths: 3 mm   5 mm   10 mm
Delivery Form (SU)	60 m = 100 x 60 cm



# Rubber

## d) Application: Slots

### MIZZOKKO



Plywood - 18 mm

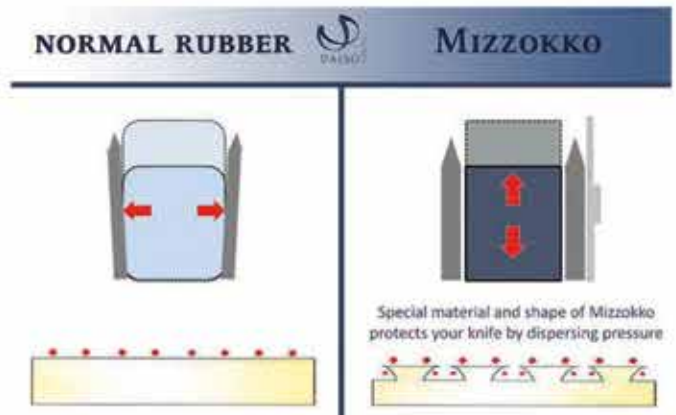
Order No.	Description (Height x Width x Length in mm)	Sales Unit
M7.5-1	Mizzokko - 7.5 x 1 x 250	50 strips
M7.5-1.5	Mizzokko - 7.5 x 1.5 x 250	50 strips
M7.5-2	Mizzokko - 7.5 x 2 x 250	50 strips
M7.5-3	Mizzokko - 7.5 x 3 x 250	50 strips
M7.5-4	Mizzokko - 7.5 x 4 x 250	50 strips
M7.5-5	Mizzokko - 7.5 x 5 x 250	50 strips

Plywood - 15 mm

Order No.	Description (Height x Width x Length in mm)	Sales Unit
M9.5-1	Mizzokko - 9.5 x 1 x 250	50 strips
M9.5-1.5	Mizzokko - 9.5 x 1.5 x 250	50 strips
M9.5-2	Mizzokko - 9.5 x 2 x 250	50 strips
M9.5-3	Mizzokko - 9.5 x 3 x 250	50 strips
M9.5-4	Mizzokko - 9.5 x 4 x 250	50 strips
M9.5-5	Mizzokko - 9.5 x 5 x 250	50 strips

#### Perfect Ejection of Slots

- Special material and shape enable a perfect result on slots
- No bending of the cutting rules
- No waste-jam between cutting rule and rubber
- Less make-ready work
- Less tool wear



## 3. ACCESSORIES

### RUBBER SCISSORS



#### The Right Tool for a Perfect Job

- The Japanese steel ensures a long-running sharpness
- Fast and precise cutting
- Clean cutting-edges
- Ergonomic handle

Order No.	Description	Sales Unit
SC	Rubber Scissors	1 pc(s)

## CUTMAN



### Scissors for Wide and Hard Rubber

- Application to wide and hard rubber (at rotary die-cutters), cork and creasing matrix
- High quality and durable material
- Easy handling through power transmission
- Super light weight and sharp cut

Order No.	Description	Sales Unit
CM	Cutman	1 pc(s)

## CYANON GLUE



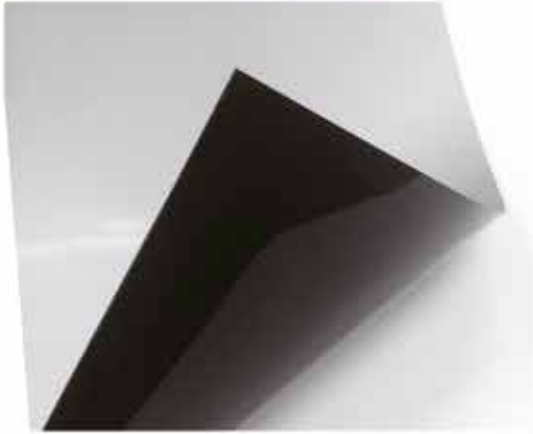
### Premium Super Glue for Die-Forms

- High temperature resistant
- Long-lasting adhesion
- Application:
  - Plywood
  - Rubber
  - Cork
  - Suteba-Stripping Blades

Order No.	Description	Sales Unit
C20	Cyanon Glue - 20 g	1 pc(s)
C50	Cyanon Glue - 50 g	1 pc(s)



## DAISOMAT



### Less Patching-Up through Pressure Absorption

- Reduces setup time → Up to 80% less make-ready
- Less paper dust
- Protects cutting rules and plates

**Application:**

<p>1 Fix DAISO MAT on chase (stainless side top) If needed, drill as chase hole design.</p>	<p>2 Put dieboard on chase.</p>	
<p>3 Put chase in.</p>	<p>4 Reduce pressure 0.5mm.</p>	<p>5 Increase pressure until 80% of sheet cut well as long as creasing line looks not to deep. Adjust patch-up tape at last.</p>

WITHOUT DAISOMAT	WITH DAISOMAT
<p>Much pressure damages stainless cutting plate and edge of cutting knives</p>	<p>Absorb much pressure</p>
<p>60 MIN</p>	<p>15 MIN</p>
<p><b>BEFORE:</b> WITHOUT DAISOMAT</p>	<p><b>AFTER:</b> WITH DAISOMAT</p>

Order No.	Description (Thickness x Width x Length in mm)	Sales Unit
DM-S	DaisoMat - 0.5 x 720 x 1020	1 mat
DM-M	DaisoMat - 0.5 x 740 x 1060	1 mat
DM-L	DaisoMat - 0.5 x 930 x 1300	1 mat

## RIBBON TAPE



### Patch-Up Tape made of Stainless Steel

- For patching-up the backside of the cutting rule

Order No.	Description (Thickness x Width x Length)	Sales Unit
R03	Ribbon Tape - 0.03 mm x 8 mm x 20 m	1 roll
R05	Ribbon Tape - 0.05 mm x 8 mm x 20 m	1 roll
R10	Ribbon Tape - 0.1 mm x 8 mm x 15 m	1 roll

**PATCHING TAPE / PROFITAPE**



**Precise Patch Up because of High Quality**

- Self-adhesive on all make-ready sheets
- No peeling from the sheet

Available Widths	Sales Unit
3 mm	40 rolls
6 mm	25 rolls
12 mm	12 rolls
20 mm	7 rolls
30 mm	5 rolls

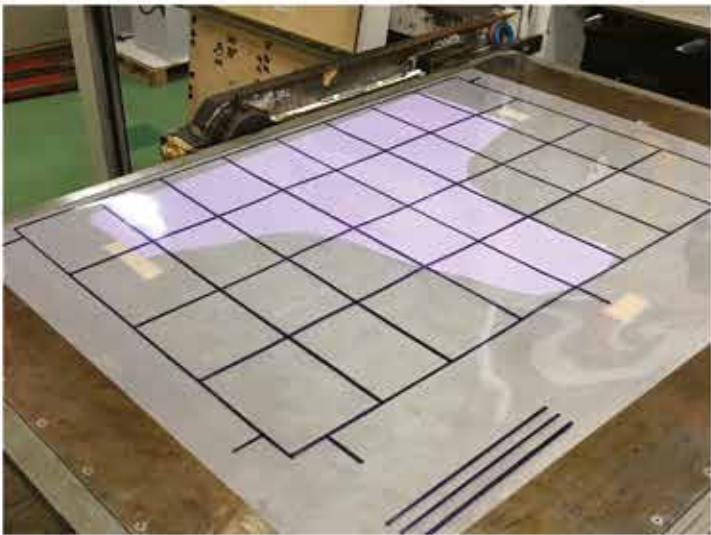
Order No.	Description (Thickness x Length)	Sales Unit
PTB-XX	Profitape Blue - 0.03 mm x 35 m	1 pack
PTR-XX	Profitape Red - 0.05 mm x 25 m	1 pack
PTG-XX	Profitape Yellow - 0.08 mm x 18 m	1 pack

**ZONE PATCHING SHEET & CARBON PAPER**



**The Zone-Patching**

- Dimensionally stable patch-up sheet for zone-patching of dieforms or under cutting plates



**Application Accessory**  
 SAC-1 - The Graphic-Cutter  
 Page 33

Order No.	Description (Width x Length in mm)	Sales Unit
ZZ-3	Zone Patching Sheet - 545 x 788	10 sheets
CPR	Carbon Paper Red - 787 x 545	100 sheets
CPB	Carbon Paper Blue - 787 - 1090	100 sheets



## DRAWING FILM



**The Standard Equipment for Dieforms and Packaging**

### Drawing Film PM

- Dimensionally stable universal polyester drawing film
- For drawing by hand and for plotting with ink or mines

### Drawing Paper Triplex

- Universal drawing paper made of composite material
- Ideal for storing make-ready sheets
- All the advantages of a paper sheet
- Absolutely tear-resistant

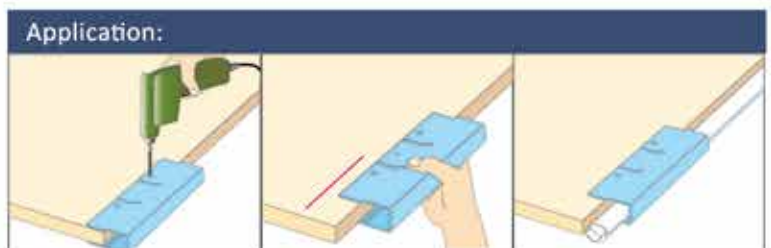
Order No.	Description (Thickness x Width x Length)	Sales Unit
<b>Drawing Film PM</b>		
ZPM-75120	75 µm x 1,20 m x 50 m - CAD	1 roll
ZPM-90120	90 µm x 1,20 m x 50 m	1 roll
<b>Drawing Paper Triplex</b>		
ZT-091	100 µm x 0,915 m x 50 m	1 roll
ZT-105	100 µm x 1,05 m x 50 m	1 roll
ZT-120	100 µm x 1,20 m x 50 m	1 roll
ZT-130	100 µm x 1,30 m x 50 m	1 roll

## CATCHIT



**The System of Ordering for Make-Ready Sheets**

- The die-board is the right place for make-ready sheets:
  - Quicker handling
  - No damages on the sheets
  - Proper storage



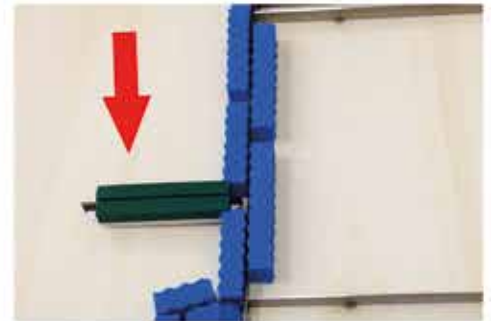
Order No.	Description	Sales Unit
CT	Catchit	1 pc(s)



## SUTEBA | STRIPPING BLADES

### Retrofit Stripping Blades

- Cheap & quick solution to put additional blades
- Better waste disposal because of smaller waste pieces
- No interruptions of production schedule



Plywood - 15 mm

Order No.	Description	Sales Unit
SO-30	Stripping Blade Length: 30 mm	10 pc(s)
SO-50	Stripping Blade Length: 50 mm	10 pc(s)
SO-100	Stripping Blade Length: 100 mm	10 pc(s)



Plywood - 18 mm

Order No.	Description	Sales Unit
SG-30	Stripping Blade Length: 30 mm	10 pc(s)
SG-50	Stripping Blade Length: 50 mm	10 pc(s)
SG-100	Stripping Blade Length: 100 mm	10 pc(s)

## SUPPORT STICKER

### Easy Solution for Stripping Problems

- No long modification time
- Simply sticking and continue producing
- Four different types in a practical multi-sheet or as individual forms available



Order No.	Description	Sales Unit
SUP-M	Support Sticker - 43er Multi Sheet	1 set
SUP-P	Support Sticker - 24 x Mushroom	1 set
SUP-R	Support Sticker- 16 x Square	1 set
SUP-SE	Support Sticker - 24 x Slot (narrow)	1 set
SUP-SW	Support Sticker - 24 x Slot (wide)	1 set

# Stripping

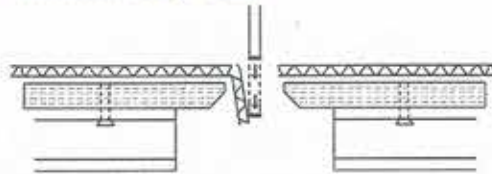
## STRIP GRIP



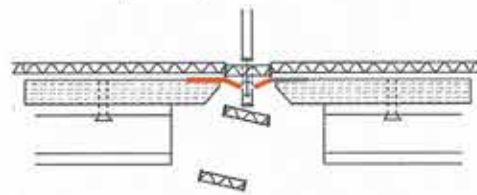
### First Aid Material for Stripping Problems

- Professional alternative instead of self-made waste guides (cliche foil)
- Clean waste transport at the lower stripping plate

without Strip Grip



with Strip Grip



Order No.	Description (Length x Width x Height in mm)	Sales Unit
STRIP	Strip Grip - 275 x 25 x 1.2	10 strips
STRIP-S	Strip Grip - 275 x 25 x 1.2 - self-adhesive	10 strips

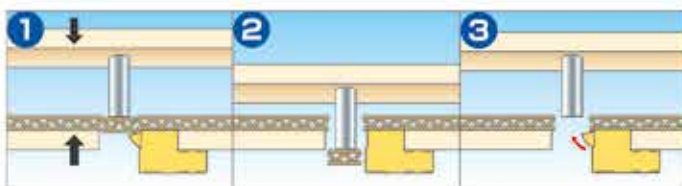
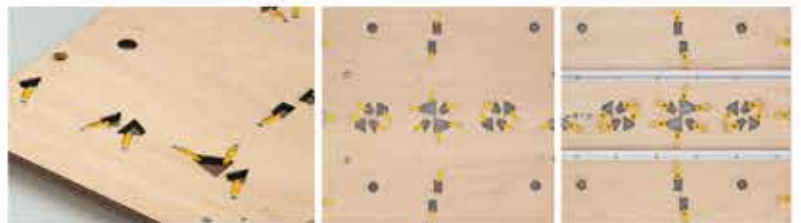
## AD-DACK



\* incl. fixing material

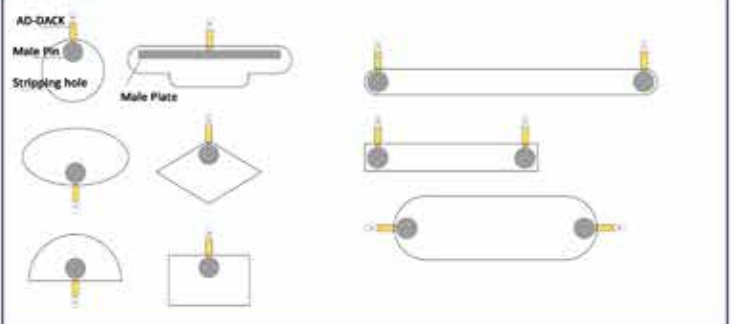
### Reliable Stripping - Easy Application

- Perfect stripping of slots and holes
- No lower pins needed



Order No.	Description	Sales Unit
AD	AD-Dack	10 pc(s)

### Setting position:



## TELESPRING



Order No.	Description	Sales Unit
TSG	Telespring	1 pc(s)

### Better Stripping Performance by Fixing the Board

- For manufacturing down-holding section into the stripping form
- A solution in case of curved board or complicated stripping designs like yogurt packaging



## PROFI CLEANER



Order No.	Description	Sales Unit
PC	Profi-Cleaner	1 pc(s)
PC/C	Spare Chain	1 pc(s)

### Pneumatic Carton Waste Stripper

- Efficient stripping for outer waste parts

#### Technical Specifications:

- Size: 580 x 140 x 170 mm
- Weight: 4,7 kg
- Output: 480 W
- Compressed air: 6,2 bar / 90 psi
- Sound level: 83 dB
- Air consumption: 0,45 m<sup>3</sup>/min
- Speed: 4500/min

#### Inclusive Features:

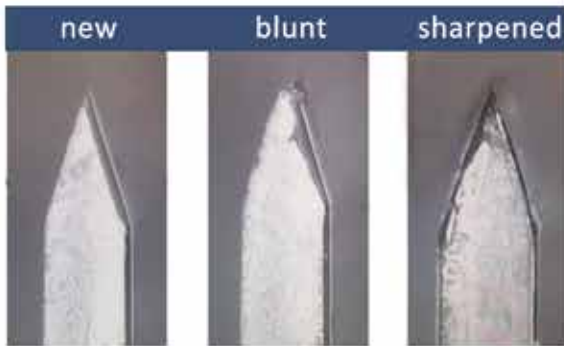
- Chain repair set
- Air maintenance unit
- Air pipe (ca. 2 m)
- 1l Oil for pneumatic tools (maintenance unit)

#### Others:

- Chain made of high quality japanese steel
- Service-point in Germany

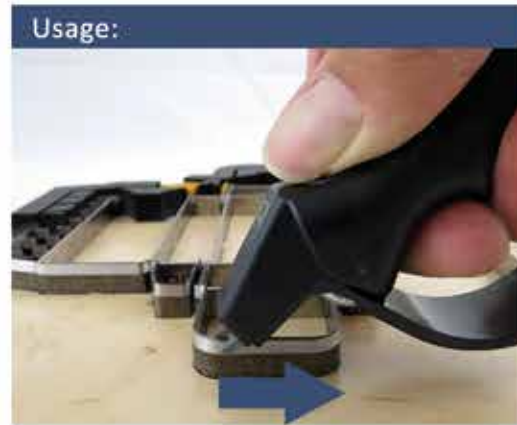


## SHARPENER



### Easy Solution to Repair Cutting Rules

- Easy re-sharpening instead of time-consuming replacement
- Less loss of quality
- Reduce of paper dust



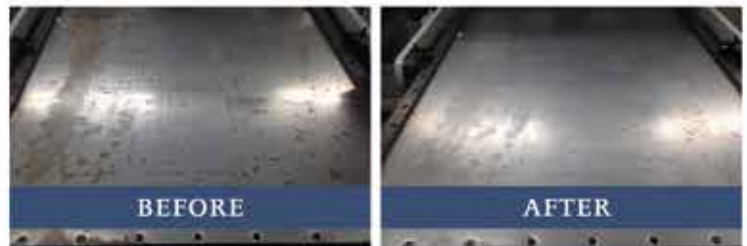
Order No.	Description	Sales Unit
SH	Sharpener	1 pc(s)

## RUST PREVENTION SHEET

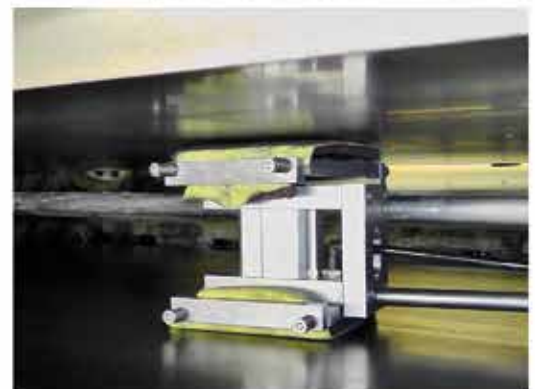


### Less Rust - Less Make-Ready Time

- Removes rust and prevents generation of corrosion
- Effective for preventive maintenance
- Longer tool life and machine life
- Application for all plates and platen



Order No.	Description	Sales Unit
DT	Rust Prevention Sheet - 280 x 190 mm	2 sheets



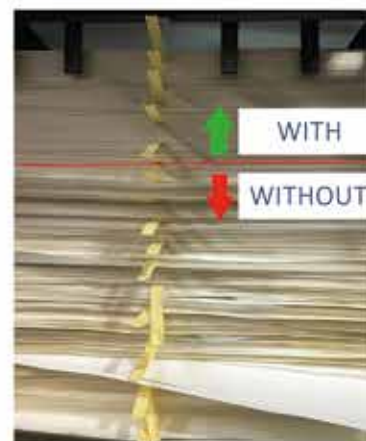
## ANTISTATIC TAPE



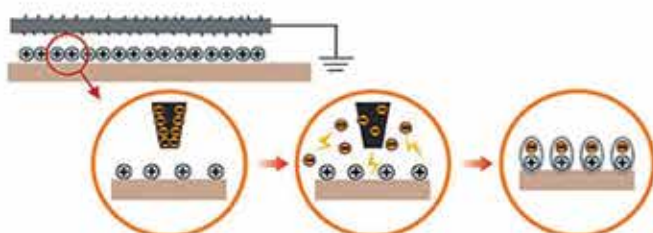
### Protection against Static Charge

- Application possibilities:  
feeding areas, cutting plates, stripping tools, stacking ...
- Self-adhesive

Effect:



Order No.	Description (Thickness x Width x Length)	Sales Unit
AT	Anti-Static Tape - 0.3 mm x 30 mm x 5 m	1 roll



## SCRATCH PREVENTION TAPE



### The Self-Adhesive Felt Tape prevents Scratches on Paper Products

Good application possibilities:

- Feeding area of machines
- Corners and edges of folder-gluing machines

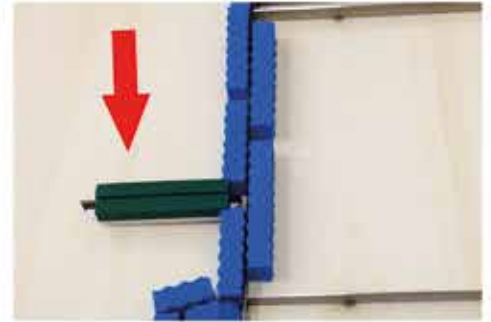


Order No.	Description (Thickness x Width x Length)	Sales Unit
SP20	Scratch Prevention Tape - 0.85 mm x 20 mm x 10 m	1 roll
SP50	Scratch Prevention Tape- 0.85 mm x 50 mm x 10 m	1 roll

## SUTEBA | STRIPPING BLADES

### Retrofit Stripping Blades

- Cheap & quick solution to put additional blades
- Better waste disposal because of smaller waste pieces
- No interruptions of production schedule



Order No.	Description	Sales Unit
SO-30	Stripping Blade Length: 30 mm	10 pc(s)
SO-50	Stripping Blade Length: 50 mm	10 pc(s)
SO-100	Stripping Blade Length: 100 mm	10 pc(s)

Order No.	Description	Sales Unit
SG-30	Stripping Blade Length: 30 mm	10 pc(s)
SG-50	Stripping Blade Length: 50 mm	10 pc(s)
SG-100	Stripping Blade Length: 100 mm	10 pc(s)

## OLFA | THE QUALITY CUTTER

### OLFA X-Design – The High-Performance Cutter

- Ultra-sharp Excel Black 9 mm or 18 mm blade
- With stainless steel blade channel and locking grid
- Maximum cutting force and very resistant to breakage
- Acid and acetone resistant
- Special suitability 9 mm: foil, cardboard etc.
- Special suitability 18 mm: rubber, creasing matrix, pertinax, fiberglass, etc.



Order No.	Description	Sales Unit
L5-AL	OLFA L5-AL - 18 mm	1 pc(s)
XA-1	Olfa XA-1 - 9 mm	1 pc(s)
LBB-10	OLFA Blade LBB - 18 mm	10 blades
ABB-10	OLFA Blade ABB	10 blades



## OLFA MXP-AL – The Steel Cutter

- Ultra-sharp Excel Black 18 mm blade
- Aluminum handle and automatic locking with locking grid
- Break-resistant
- Acid and chemical resistant
- Special suitability: corrugated cardboard, foam, etc.



Order No.	Description	Sales Unit
MXP-AL	OLFA MXP-AL - 18 mm	1 pc(s)
LBB-10	OLFA Blade LBB - 18 mm	10 blades

## OLFA SAC-1 – The Graphic Cutter

- 9 mm blade – 30 ° angle
- Ideal for small precise cuts
- Stainless steel handle and automatic locking with locking grid
- Break-resistant
- Acid and chemical resistant
- Special suitability: paper, fine cardboard, soft wood, zone patching



Order No.	Description	Sales Unit
SAC-1	OLFA SAC-1 - 9 mm - 30° Angle	1 pc(s)
SAB-10	OLFA Blade SAB	10 blades

## OLFA XSR-300 – The Scraper

- Scraper with 100 mm width and 30 cm long handle
- Break-resistant
- Acid and chemical resistant
- Special suitability: removing adhesive residues of pertinax or creasing matrix from cutting plates



Order No.	Description	Sales Unit
XSR-300	Scraper with 100 mm Width - 30 cm	1 pc(s)
BS-10	OLFA Blade BS	10 blades

## AUTO-NICK-PUNCH



### The Easy Way to Make Nicks

- Quick and easy usage with spring force
- Square form of nicks – no wedge
- Constant high quality because of regulated force
- No damaging of ejection rubbers

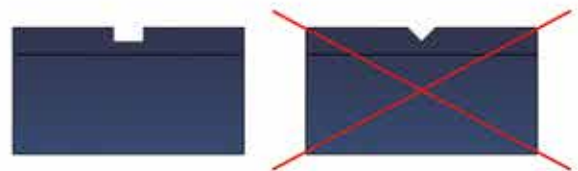
Order No.	Description	Sales Unit
NICK02	Auto Nick Punch - Triangle - 0.2 mm (red)	1 pc(s)
NICK02/T	Spare Nick 0.2 mm	1 pc(s)
NICK03	Auto Nick Punch - 0.3 mm (black)	1 pc(s)
NICK03/T	Spare Nick 0.3 mm	1 pc(s)
NICK05	Auto Nick Punch - 0.5 mm (green)	1 pc(s)
NICK05/T	Spare Nick 0.5 mm	1 pc(s)

## NICK TOOL



### The Classic

- Nick Tools to make manual nicks

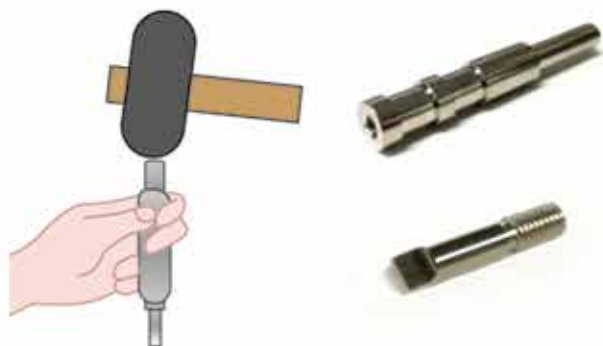


Order No.	Description	Sales Unit
MH03	Nick Tool - Width 0.3 mm	1 pc(s)
MH04	Nick Tool - Width 0.4 mm	1 pc(s)
MH05	Nick Tool - Width 0.5 mm	1 pc(s)
MH07	Nick Tool - Width 0.7 mm	1 pc(s)
MH10	Nick Tool - Width 1.0 mm	1 pc(s)

## CUTTER CRAFT

### Create and Expand Nicks with one Device






- Create nicks → chisel width  $\leq 1$  mm
- Expand existing nicks → chisel width  $> 1$  mm
- Practical exchange of the tips with a screw thread



Order No.	Description	Sales Unit
CC	Cutter Craft - Body	1 pc(s)
CC-M05	Nick Chisel - Width 0.5 mm	1 pc(s)
CC-M07	Nick Chisel - Width 0.7 mm	1 pc(s)
CC-M10	Nick Chisel - Width 1.0 mm	1 pc(s)
CC-M15	Nick Chisel - Width 1.5 mm	1 pc(s)
CC-M20	Nick Chisel - Width 2.0 mm	1 pc(s)



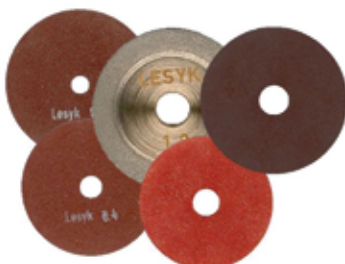
## NICK GRINDER

Electric Grinder	Executive Type Performance	rpm.	Operating Mode	Type of Switch	Properties
	supply 230V 500 Watt 	18.000 fix	electronic control	ON/OFF switch	powerful device for constant use
Battery Grinder	Executive Type Performance	rpm.	Operating Mode	Type of Switch	Properties
	Akku 18 V Li-Ionen 250 Watt 	17.500 16.000 variable 15.000 14.000 12.500 11.500	speed adjustment	ON/OFF switch	<ul style="list-style-type: none"> <li>single cell</li> <li>monitoring</li> <li>quick hitch</li> <li>duty rechargeable battery</li> <li>chargelevel indicator</li> </ul>
Compressed Air Grinder	Executive Type Performance	rpm.	Operating Mode	Type of Switch	Properties
	compressed air motor 370 / 340 Watt (oiled/ oilfree)	18.000 (oil free) 23.000 (oiled)	tip- or permanent use	mechanical hand-lever	<ul style="list-style-type: none"> <li>integrated silencer</li> <li>hose protection</li> <li>ideal for use at die cutting machinery</li> </ul>

Order No.	Description	Sales Unit
<b>Grinding Disc - Ø 35 mm</b>		
NG2	Electric Grinder	1 pc(s)
NG4	Air Grinder	1 pc(s)
NG21	Battery Grinder (without Battery & Charger)	1 pc(s)
<b>Grinding Disc - Ø 50 mm</b>		
NG3	Electric Grinder	1 pc(s)
NG5	Air Grinder	1 pc(s)
NG31	Battery Grinder (without Battery & Charger)	1 pc(s)
<b>Accessories</b>		
TN	Depth Adjustment for all Machines	1 pc(s)
A25	Battery 18 V / 2,5 Ah Li-Ion	1 pc(s)
A5	Battery 18 V / 6 Ah Li-Ion	1 pc(s)
ALG50	Battery Quick Charger	1 pc(s)



## GRINDING DISCS



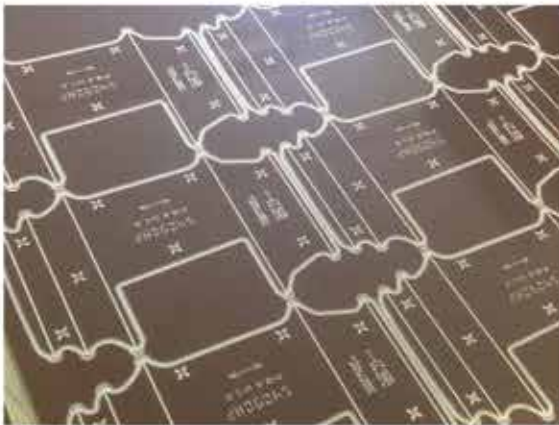
Available Widths (in mm):

0.2 | 0.3 | 0.4 | 0.5 | 0.7 | 0.8 | 0.9 | 1.0  
1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8  
1.9 | 2.0 | 2.2 | 2.5 | 3.0

\* 0.2 not available for Bornitrid (CBN)

Order No.	Description	Sales Unit
<b>Grinding Disc - Ø 35 mm</b>		
TSS35-XX	Standard Rubber Bonded	25 pc(s)
BT35-XX	Bornitrid (CBN)	1 pc(s)
<b>Grinding Disc - Ø 50 mm</b>		
TSS50-XX	Standard Rubber Bonded	25 pc(s)
BT50-XX	Bornitrid (CBN)	1 pc(s)

## PERTINAX PLATES



### Self-Adhesive Plates for Producing Matrices

- Double-sided glass fibre reinforcement
- Almost clean removal

Order No.	Description (Width x Length in mm)	Sales Unit
P-XX	Pertinax - 1070 x 1070	10 sheets

Available Thicknesses (in mm): 0.4 | 0.5 | 0.55 | 0.6 | 0.65  
0.7 | 0.8 | 0.85 | 0.9 | 1.0

## GN PLATE



### High Quality Counter Plates made in Japan

- Made of glass fabric reinforced epoxy resin
- High durability → up to 1.000.000 die-cuttings
- Self-adhesive

Order No.	Description (Width x Length)	Sales Unit
GNP-0X	GN Plate - 1020 x 1020 mm	20 plates

Available Thicknesses (in mm): 0.4 | 0.5 | 0.6

## SET PLUG



### The Best Alternative

- For transferring Pertinax matrices without pins

Order No.	Description (Height x Width in mm)	Sales Unit
SP	Set Plug (2-3 pt) - 8 x 12.9	100 pc(s)

## SUPER-G



G-Tape

Pertinax

### Prevention instead of Wasting Time

- Special glue for production security & creasing quality
- Additional fixing of creasing matrix and Pertinax

Order No.	Description	Sales Unit
G2	Super-G - 2 g	2 pc(s)
G50	Super-G - 50 g	1 pc(s)

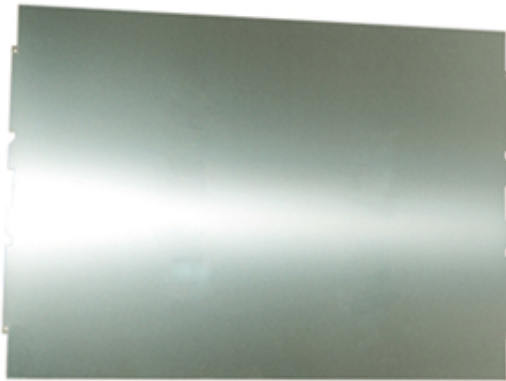
# Cutting Plates

- Decade-long experience in the production of cutting plates
- Highest quality standards
- Manual straightening of the hardest cutting plates
- Saving money and time in the long-term



For all common die-cutting machines of manufacturers like Bobst, Heidelberg, Iberica, Sanwa, Young Shin, Asahi, Brausse and many more

## 1 MM CUTTING PLATE



### Application Accessory

Cutter Clean - Cutting plate cleaner with antistatic effect

Page 42

- Highest quality ensures the improvement of the die-cutting process and along with this gain goes the economic benefit
- Different material qualities and hardnesses

	Material	Hardness
soft	DIN 1.4301	approx. 20 HRC
medium	DIN 1.4301	approx. 35 HRC
medium +	DIN 1.4301	approx. 40 HRC
hard	DIN 1.4021	approx. 48 HRC

## CUTTING & COMPENSATION PLATE



For manual, semi and automatic flatbed die-cutters

- State-of-the-art machines guarantee to fulfil the requirements on flatness and parallelism
- Made of proven steel grades our plates achieve tightest tolerances, excellent surface finishing and a uniform hardness

Material	50CrV4 resp. X20Cr13
Hardness	approx. 50 – 52 HRC
Parallelism	± 0.01 mm
Flatness	≤ 0.2 mm



## CHASE & BACKING PLATE

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- The use of CNC-controlled machines enables a precisely fitting hole pattern
- The hand flattened backing plates save make-ready time

Material	50CrV4 resp. X20Cr13
Hardness	approx. 46 – 50 HRC
Parallelism	$\pm 0.01$ mm
Flatness	$\leq 0.2$ mm

## LOWER SUPPORTING PLATE

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- Material: glass fabric reinforced epoxy resin
- Minimum tolerances regarding thickness and flatness
- The main issue for make-ready problems is the poor condition of the lower supporting plate

\* Colours may differ from the picture

## MAKE-READY PROTECTION PLATE

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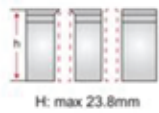
For use in machines with high speed and frequency  
For all common die-cutting machines

- Made of glass fabric reinforced fiber material
- Grounded on both sides
- Dimensionally stable
- Resistant to humidity

Material	G 11
Hardness	45° Shore A
Flatness	$\leq 0.1$ mm

# Rule Processing

## CUTTER



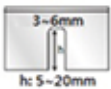
Mitre Cutter HS-K	
Specification	<ul style="list-style-type: none"> <li>• Straight Cutting</li> <li>• Double Lip Cutting</li> </ul>
Rule Thickness	≤ 3 pt. (1.05 mm)
Rule Height	≤ 23.8 mm or customized
Mitre Angle	52° or 42°
Measure Scale	500 mm
Precision	0.05 mm
Sizes	1070 x 550 x 350 mm
Net Weight	22.3 kg



Flat Cutter HS-G	
Specification	<ul style="list-style-type: none"> <li>• Straight Cutting</li> <li>• Single Lip Cutting</li> </ul>
Rule Thickness	≤ 6 pt. (2.1 mm)
Rule Height	≤ 40 mm or customized
Sizes	730 x 960 x 530 mm
Net Weight	23 kg

Order No.	Description	Sales Unit
HS-K	Mitre Cutter	1 pc(s)
HS-G	Flat Cutter	1 pc(s)

## NOTCHER



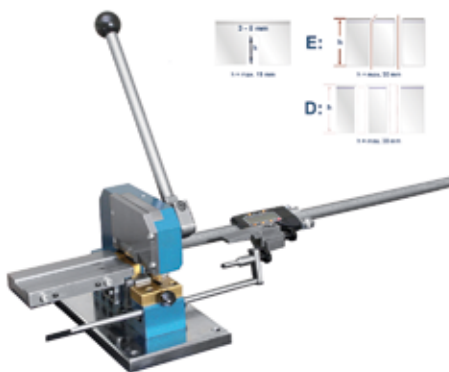
Notcher AK-K	
Rule Thickness	≤ 3 pt. (1.05 mm)
Notching Height	5 – 20 mm
Notching Width	3 – 6 mm (customized)
Sizes	370 x 450 x 510 mm
Net Weight	12.6 kg



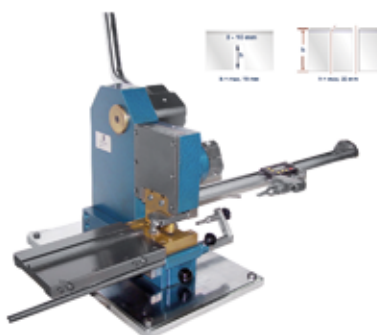
Notcher AK-G	
Rule Thickness	≤ 3 pt. (1.05 mm)
Notching Height	5 – 20 mm
Notching Width	3 – 10 mm (customized)
Sizes	700 x 250 x 300 mm
Net Weight	15.9 kg

Order No.	Description	Sales Unit
AK-K	Notcher Small	1 pc(s)
AK-G	Notcher Big	1 pc(s)

## COMBINATION DEVICE



Combination Device K	
Specification (2 Versions)	<ul style="list-style-type: none"> <li>• Straight Cutting &amp; Notching</li> <li>• <i>Single or Double Lip Cutting</i></li> </ul>
Rule Thickness	≤ 3 pt. (1.05 mm)
Rule Height	23.8 - 30 mm
Mitre Angle	54°   42°
Notching Height	12 – 19 mm
Notching Width	3 – 8 mm
Measure Scale	digital - 500 mm
Blade	titanium coating
Precision	0,05 mm
Sizes	250 x 850 x 350 mm
Weight	27 kg



Combination Device G	
Specification	<ul style="list-style-type: none"> <li>• Straight Cutting &amp; Notching</li> <li>• <i>Single Lip Cutting</i></li> </ul>
Rule Thickness	3 – 6 pt.
Rule Height	23.8 - 30 mm
Mitre Angle	54°   42°
Notching Height	12 – 19 mm
Notching Width	8 – 10 mm
Measure Scale	digital - 500 mm
Blade	titanium coating
Precision	0.05 mm
Sizes	400 x 1030 x 620mm
Weight	60 kg

Order No.	Description	Sales Unit
KG-K-E	Combination Device Small - single lip	1 pc(s)
KG-K-D	Combination Device Small - double lip	1 pc(s)
KG-G	Combination Device Big	1 pc(s)



# Rule Processing

## BENDER



Precise Bender BG1	
Specification	With Rule Fixation for Accurate Bends
Rule Thickness	≤ 4 pt. (1.41 mm)
Rule Height	≤ 26 mm or customized
Measure Scale	450 mm
Precision	0.05 mm
Sizes	920 x 660 x 230 mm
Net Weight	43 kg
Tool quantity	36 pcs



Double Bender BG2	
Specification	2 Machines in 1 Set
Rule Thickness	≤ 3 pt. (1.05 mm)
Rule Height	≤ 26 mm
Precision	0.05 mm
Sizes	740 x 140 x 110 mm
Net Weight	38 kg



Bender for High Rules BG3	
Rule Thickness	≤ 4 pt. (1.41 mm)
Rule Height	≤ 40 mm
Flatness	0.1 mm
Sizes	110 x 620 x 150 mm
Net Weight	31.9 kg
Tool Quantity	24 pcs

Order No.	Description	Sales Unit
BG1	Precise Bender	1 pc(s)
BG2	Double Bender	1 pc(s)
BG3	Bender for High Rules	1 pc(s)

## RULE PULLER



Rule Puller	
Specification	With Metal Pins
Rule Thickness	≤ 4 pt. (1.41 mm)
Sizes	26 x 98 x 490 mm
Net Weight	1.5 kg
Tool Quantity	incl. 2 pairs of narrow jaws

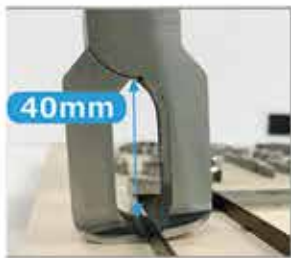
Order No.	Description	Sales Unit
A2	Rule Puller	1 pc(s)

## RULE PULLER PLIERS

The Cost Effective Alternative for Rule Pulling



- No big hand force needed because of force transmission
- Solid holding clamps for a good handling also at short rules



### Rule Puller Pliers XL

- Pliers for high rules
- No damaging of the cutting edges
- Easy removal of the cutting rules and safe to use

Order No.	Description	Sales Unit
LZ	Rule Puller Pliers with Power Transmissior	1 pc(s)
LZ-XL	Rule Puller Pliers for High Rules	1 pc(s)

# Rule Processing

## HAMMER

### Great Clout



### Rawhide Hammer

- Damped strike without backstroke
- Better power transmission without damaging the tool
- Quiet working
- No breaking and splitting of the tup

### Copper and Aluminium Hammer

- High quality striking tool made of soft material
- No sparking

### Plastic Hammer

- Great punch without backstroke
- Damping and tool-saving effect
- Quiet working

Order No.	Description	Sales Unit
RLH3	Rawhide Hammer No. 3 - 252 g	1 pc(s)
RLH4	Rawhide Hammer No. 4 - 308 g	1 pc(s)
RLH5	Rawhide Hammer No. 5 - 616 g	1 pc(s)
RLH6	Rawhide Hammer No. 6 - 672 g	1 pc(s)
KH300	Copper Hammer 300 g	1 pc(s)
KH500	Copper Hammer 500 g	1 pc(s)
KH750	Copper Hammer 750 g	1 pc(s)
AH-T	Aluminium Hammer - Tub Form 250 g	1 pc(s)
AH-F	Aluminium Hammer - 250 g	1 pc(s)
PH-4	Plastic Hammer - 50 x 95 mm	1 pc(s)
PH-4L	Plastic Hammer - 50 x 130 mm	1 pc(s)
PH-5	Plastic Hammer - 75 x 110 mm	1 pc(s)

## RULE STRAIGHTENER



### Fast Correction of Cutting Rules

- For position correction in the finished die-form
- Use for 2pt and 3pt cutting rules

Order No.	Description	Sales Unit
LAR	Rule Straightener for 2pt & 3pt	1 pc(s)



# Cleaning/Maintenance



- |    |  |              |
|----|--|--------------|
| 1. | <b>General - Machine &amp; Workplace</b> | <b>P. 46</b> |
| 2. | <b>Cutting Plate</b>                     | <b>P. 47</b> |
| 3. | <b>Flexo-Print</b>                       | <b>P. 48</b> |
| 4. | <b>Dosing Aids</b>                       | <b>P. 48</b> |

## 1. GENERAL - MACHINE & WORKPLACE

### FLIFF

Surface Cleaner with antistatic effect

#### Clean Machine = Clean Production

- Cleaning and degreasing of all surfaces (machine housing, perspex, touch screen, photocells etc.)
- No new dust after wiping



### GUMMI FIT

Cleaner and regenerator for rubber bands (transport belts) & other rubber surfaces (feed rolls)

- Improved contact (less slip)
- High cleaning power
- Regenerating additives
- Medium-fast and free of grease fading
- Odorless



Order No.	Description	Sales Unit
Fliff10	Fliff - Surface Cleaner - 10 L	PE canister
GF1	GummiFIT - 1 L	PE bottle
GF10	GummiFIT - 10 L	PE canister

## 2. CUTTING PLATE

### CUTTER CLEAN

Cutting plate cleaner with antistatic effect

**Clean Cutting Plate = Strong Adhesive Connection**

- Removes residues of glue from Pertinax or creasing matrix
- Cleaning and degreasing
- No direct new dust attraction after wiping



### RUST PREVENTION SHEET

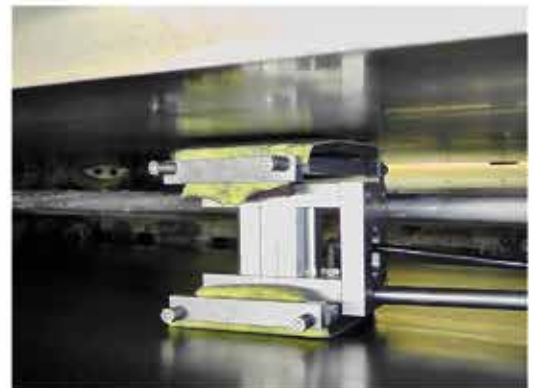


**Less Rust - Less Make-Ready Time**

- Removes rust and prevents generation of corrosion
- Effective for preventive maintenance
- Longer tool and machine life
- Application for all plates and platen



Order No.	Description	Sales Unit
CC1	Cutter Clean - Cutting Plate Cleaner - 1 L	PE bottle
CC10	Cutter Clean - Cutting Plate Cleaner - 10 L	PE canister
DT	Rust Prevention Sheet - 280 x 190 mm	2 sheets



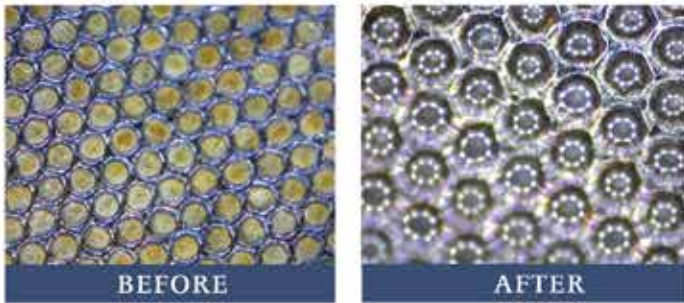


## 3. FLEXO-PRINT

### ANILOX CLEANER BASIC

Basic Cleaner for anilox rolls

- Intensive cleaner to remove dried ink
- Chemical and mechanical cleaning in one step
- Get back the original pick-up volume
- Easy handling inside the machine



Order No.	Description	Sales Unit
AXC	Anilox Cleaner Basic - 1 L	PE bottle

## 4. DOSING AIDS

### SPRAY HEAD

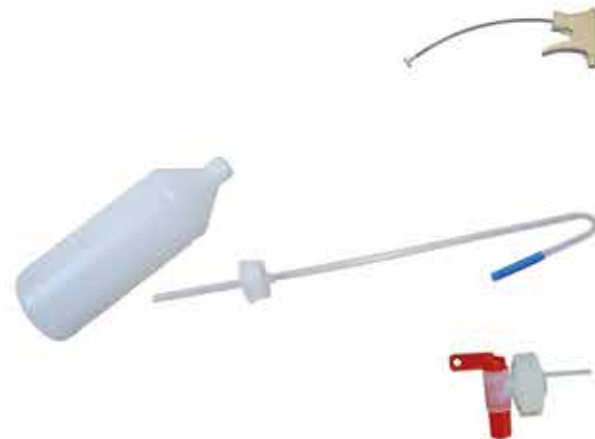
Applicable to 1L PE-bottles - solvent resistant

### NARROW NECK BOTTLE

Applicable to 1L PE-bottles – fine dosing

### DRAIN TAP

Applicable to PE-canisters - solvent resistant

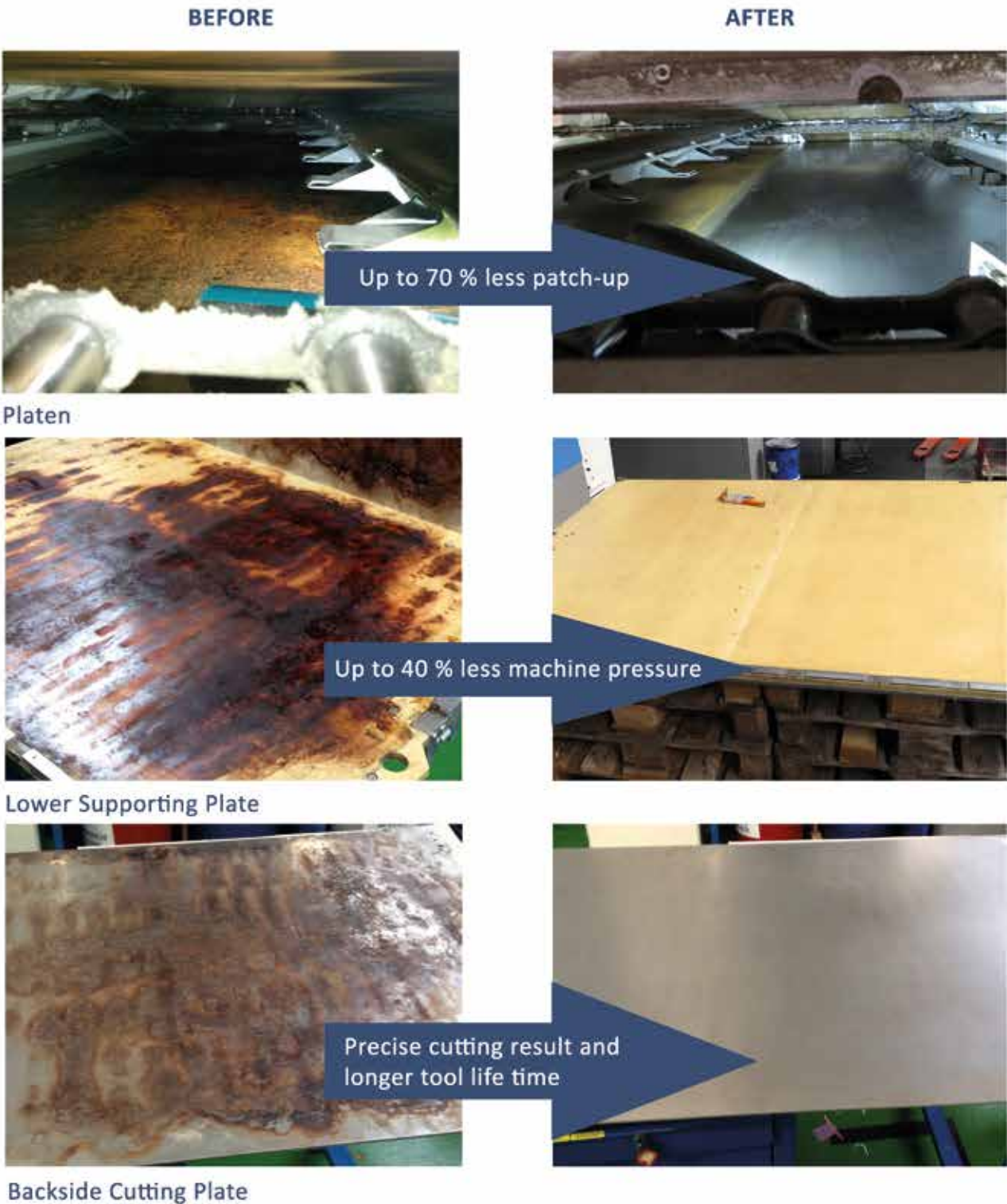


Order No.	Description	Sales Unit
SPK	Spray Head for 1L PE bottles	1 pc(s)
EHD	1L-Narrow Neck Bottle	1 pc(s)
ABH	Drain Tap for PE canister	1 pc(s)

# Platen Cleaning

## A MUST HAVE for your machine maintenance

Rust and dirt on the platen and chases cause uneven surfaces which need to be balanced by patching up. It's the main reason for long make-ready times! A periodical cleaning and maintenance of the platen and chases are the most effective method to reduce the set-up time of the diecutter and improve the quality of boxes.



# Platen Cleaning

## EQUIPMENT PLATEN & CHASE CLEANING

*„Platen and chase cleaning are the bases of a constant cutting result.“*

Our equipment enables you to take control and responsibility over your cleaning sequences

- One time investment
- No disassembling of your chains and guides
- No service technician
- For all brands and machine types available



The equipment includes all devices you need for the cleaning process and a starter package of cleaning material which are all food safe (NSF and HALAL certificated).

We would gladly make you an offer for your machine types.

### **\* Service Combination:**

The equipment in combination with our service saves you a lot of time. The first cleaning process of a diecutter forms the basis for the future machine balance.

Because of that it should be made with highest accuracy.

We complete the first cleaning process together, train you in the most effective use of the equipment and consult you about your future cleaning intervals.



**You will find more information about our services on the next pages.**



## SERVICE PLATEN- AND CHASE CLEANING

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*„With an uneven and changing surface of the platen it is not possible to achieve a repeatable cutting result.“*

Contact us for a professional platen and chase cleaning!

In a short time we remove all unevenness like rust and dirt from your platen and chases.



- Less machine downtimes because of our efficient and practiced process
- Machine operators can realize other needed maintenance work in meantime
- You get further consulting about cleaning and maintenance
- Coincident inspection of your chases

### **We take care:**

Please contact us about an one-year-service-contract.

After fixing the cleaning interval we take care of all further things.

## REFURBISHMENT OF CHASES

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### Refurbishment instead of New Purchase

After 2 to 5 years chases start to bend.

If the chase bends the chaseplate will follow. As a result you lose parallelism which causes longer setup times. We offer an inspection and service of your chases.

This service includes: Flattening and straightening of the chase bars or replacing if necessary, check and exchange of screws and pins, recalibration of the chase, renew damaged parts, new black finishing if requested.

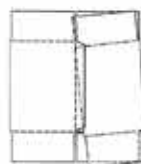
We can also modify your chase with the quick-lock system.

## CREASING MATRIX - SETTING & TEST SERVICE

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You are not satisfied with your folding result at your folder-gluing machine because of gap variations and asymmetric closings of the glue flap or your customer has many stoppings at his box-erector - We help you to find the best setting of:

- Creasing matrix for your material
- Creasing rule thickness, height and profile
- Ejection rubbers and rubber profiles



With our experience and passion we will achieve the best folding result with you.

## CLEANING CONCEPT

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Cleaning of converting machines and workplaces are more and more important. It helps to serve the machine condition and hygienic level for food and pharma packages furthermore it prevents machine stoppings.

### **A good concept of cleaning material prevents:**

- Unpredictable pump stroking and hose blocking of melt/glue
- Slippy belts because of dust or powder
- Bad printing cause of dirty cliches/stereos and anilox rolls
- Long cleaning process on flexo-printers
- Polluted packages and boxes

We help you to find the most efficient cleaning products for each application area. Of course we consider all of your safety regulations and support your documentation (safety data sheets, user manual, certificates).





# Notes

## How to order:



Directly in our online shop:

**[www.daiso-europe.com](http://www.daiso-europe.com)**



Send an email with your request  
or order to:

**[info@daiso-europe.com](mailto:info@daiso-europe.com)**



Call us:

**+49 2602 - 919 85 69**

### **Please note our payment and delivery terms:**

Payment terms:

2% discount 10 days or 30 days net - after receiving products  
and invoice

Delivery Terms:

Ex Works Montabaur/Germany



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