

2016

Product-Catalogue Ejection Protection







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Index

Introduction	3
Product Range	4 - 7
Material Overview	8-9
Supplies	10-11
Options for Collecting funnel	12
Collecting funnel type AFTBE, straight (122.B1.L1.H1)	13-14
Collecting funnel type AFTBE, diagonal (125.B1.L1.B3)	15-16
Collecting funnel type AFTBE, diagonal, 90° turned (125.B1.L1.B3/90)	17-18
Collecting funnel type AFTBE, duo (126.B1.L1.B3)	19-20
Collecting funnel type AFTBE, duo, 90° turned (126.B1.L1.B3/90)	21-23
Lamella collecting funnel type LAFTBE, double wall (151.B1.L1.H1)	24-25
Collecting funnel type AFT (123.B1.L1.H1)	26-28
Double funnel type AFTD (124.B1.L1.H1)	29-30
Lamella collecting funnel type LAFT (152.B1.L1.H1)	31-32
Collecting trough type AWS (130.B1.L1.H1)	33-34
Side safety curtain (110.H1.L1)	35-40
Butterfly curtain (170.H1.L1)	41-43
Lamella ejection protection type LAS (150.B1.H1)	44-46
Ejection chute type AFR (140.B1.L1)	47-48
Cross bar cover (200.B1.L1.D1)	49-50

Introduction

Dear ejection protection Partners and Customers,

In the year 2012 we absorbed the division "Ejection protection" from RW Beier GmbH. Special thanks to Mr. Beier for his trust in us. He developed this division in more than 20 years and supports us with his knowledge. Since 2012 we give our best to continue and optimize his project to find a perfect solution for every customer.

For an easier product selection and easier inquiries we updated our data sheets, we added new information about our products and a new layout let the catalogue look more modern. We have to thank everyone who helped with their constructive criticism to create this new product catalogue.

This will contribute to keep our quality standards high and the delivery times short, so we can master every customer-specific challenge.

With kind regards

Olaf Holzer



Collecting funnel AFTBE, straight

- Movable
- Attached to tool (mould) or worktops
- Straight runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad



Collecting funnel AFTBE, diagonal

- Movable
- Attached to tool (mould) or worktops
- Diagonal runout for the ejection of parts, for example a conveyor or a container next to the machine
- Optional: Baffler, pad, removable base

Collecting funnel AFTBE, diagonal, 90° turned

- Movable
- Attached to tool (mould) or worktops
- Diagonal runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad, removable base



Collecting funnel AFTBE, duo

- for the three-plate tool
- Movable
- Attached to tool (mould) or worktops
- 2x diagonal runout for the ejection of parts, for example conveyors or containers under the tool
- Optional: Baffler, pad, removable base





Collecting funnel AFTBE, duo, 90° turned

- for the three-plate tool
- Movable
- Attached to tool (mould) or worktops
- 2x diagonal runout, 90° offset, for the ejection of parts on conveyor belts and into a container next to the machine
- Optional: Baffler, pad, removable base

Lamella collecting funnel LAFTBE, double wall

- Movable
- Attached to tool (mould) or worktops
- Tubes are guided through double-wall lamellas
- Material heavily flammable, slotted

Collecting funnel AFT with fixed frame

- Fixed
- Fixed to rigid machine base
- Straight runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad

Double funnel AFTD with fixed frame

- Fixed
- Fixed to rigid machine base
- Diagonal runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad





Lamella collecting funnel LAFT, double wall

- Fixed
- Fixed to rigid machine base
- Tubes are guided through double-wall lamellas
- Material heavily flammable, slotted



Collecting trough Type AWS

- Light metal frame made of aluminium profile
- Easy assembly with chains and special magnets on unmovable machine frames
- Material in different versions (temperature-resistant, antistatic, ...)
- Movable, movable with mould or fixed versions
- Application-sizes and versions (tool or mould geometry, aperture distances, hose connections, product composition,

Side safety curtain

- Holder made of aluminium profile
- Easy assembly with special magnets
- Sturdy special material which runs with the tool
- Roll-up mechanism with special spring for continuous operation
- Minimal space requirement between the tool and the cross bar

Butterfly curtain

- Easy assembly with special magnets
- Sturdy special material
- Minimal space requirement between the tool and the cross bar







Lamella ejection protection Type LAS

- Easy assembly with special magnets
- Attached to rigid machine base on the movable tool
- Tubes are guided through double-wall lamellas
- Material heavily flammable, slotted



Ejection chute Type AFR

- Easy assembly with special magnets
- Material in different versions (temperature-resistant, anti-static, ...)
- Attached to rigid machine base and to collecting funnel
- Application-specific sizes and versions (collecting funnel geometry, tube connections, product composition, ...)

- Easy assembly due to Velcro seal
- Material static, oil-resistant, washable



Material Overview



Beatex

- Art. No.: FM100.001 - antistatic - smoothly gliding Temperature: up to 98°C
- Cleaning: - hand washing (max.30°C) - ph-adjusted soap

Products: Collecting Funnel AFTBE, AFT Collecting trough AWS



- oli-resistan
- washable
- UV-light resistant

Temperature: 70 - 80°C

Cleaning:

- hand washing (max.30°C)
- ph-adjusted soap
- vinegar-based cleaner (soft)



Panama (blue) Art. No.: FM100.003

- oil-resistant
- washable
- UV-light resistant

Temperature: 70 - 80°C

Products: Collecting Funnel AFTBE, AFT Collecting trough AWS, Lamella Funnel LAFT, LAFTBE Lamella ejection protection LAS Cross bar cover, Ejection chute AFR

Cleaning:

- hand washing (max.30°C)
- ph-adjusted soap
- vinegar-based cleaner (soft)



Kevlar Art. No.: FM100.004

- very high temperature resistance
 very high tear strenght
 very high abrasion resistance
 flame-proof
 Temperature:
 Texture: up to 300°C
- Lamination: up to 200°C

Cleaning: - hand brush

Products: Collecting Funnel AFTBE, AFT Collecting trough AWS

Material Overview

Antisttatic; Food and Drug section Art. No.: FM100.005

- antistatic
- for food industry
- for drug industry
- smoothly gliding

Temperature: up to100°C

Cleaning:

- hand washing (max.30°C)
- ph-adjusted soap

Products: Collecting Funnel AFTBE, AFT Collecting trough AWS

Cleaning:

- only lukewarm water
- carefully

resistance

Glamux

- for food industry

Art. No.: FM100.006

- very high temperature

- for drug industry
- very smoothly gliding

Temperature: 150 - 160°C

Products: Collecting Funnel AFTBE, AFT Collecting trough AWS

Curtain material (anthracite) Art. No.: FM100.007

- no water absorbation
- lightly transparent

Cleaning:

- hand washing (max.30°C)
- ph-adjusted soap

Temperature: 70 - 80°C

Products: Side Safety Curtain

Curtain material (white) Art. No.: FM100.008

very high temperature resistancelightly transparent Temperature: up to 180°C Cleaning:

- hand washing (max.30°C)
- ph-adjusted soap

Products: Side Safety Curtain









Supplies

Magnetes

- Ø 25mm with pins (holding force 200N)
- Ø 32mm with pins (holding force 350N)
- Ø 32mm without pins (holding force 330N)





Distances

- Spacer tube with threaded rod and slot nut
- Standard length = 37mm
- Special lengths available upon request

Magnet with eyebolt

- To unhang the chain
- Magnet Ø 25mm (holding force 200N) with eyebolt
- Magnet Ø 32mm (holding force 350N) with eyebolt





Chains

- Variable lengths
- with screw, washer and groove nut

Supplies



Brackets

- For collecting funnel AFT with fixed frame
- Standard lengths are 50mm and 70mm
- Special lengths or special versions by customer specifications
- With magnet Ø 32mm (holding force 350N)

Inserts for removable base

- Material depends on the size, weight and shape of the products
- different material





Distances

- Spacer tube with threaded rod and slot nut
- Standard length = 37mm
- Special lengths available upon request

Options for Collecting funnel







Baffler

- Reduction of the falling height and falling speed for the gentle further conveyance of the parts onto a conveyor belt or a container.
- Easy to remove
- for straight and diagonal collecting funnel



Pad

- Additional material insert for areas under heavy stress
- Easy to remove



Removable base

- Multi-part base with easy-to-change insert
- Product specific material selection for removable insert

Collecting funnel Type AFTBE, straight

Standard Version:



Technical specifications:

- Movable
- Attached to tool (mould) or worktops
- Straight runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler to reduce falling speed
- Optional: Pad, easily removable for areas under heavy stress
- Optional: One side cut out for conveyor

Version with one side cut



Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking the machine and product composition into account

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Cross bar cover

Number	B1 [mm]	B2 [mm]	L1 [mm]	L2 [mm]	H1 [mm]
300	100	300	100	450	122.300.300.450
330	100	330	100	450	122.330.330.450
400	150	440	150	450	122.400.440.450
500	200	540	200	450	122.500.540.450
600	200	640	200	450	122.600.640.450
700	250	740	250	450	122.700.740.450

Mounting with 4 spacer tubes and magnets (Ø 32 mm) with a total length of 45 mm.

Inquiry: collecting funnel type AFTBE, straight



Collecting funnel Type AFTBE, diagonal



COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

Collecting funnel AFTBE, diagonal

- Movable
- Attached to tool (mould) or worktops
- Diagonal runout for the ejection of parts, for example a conveyor or a container next to the machine
- Optional: Baffler, pad, removable base

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: collecting funnel type AFTBE, diagonal

Со	mpany:	Contact person:	
Str	eet:	Phone:	
ZIF	?/City:	E-mail:	
Ma	chine no:	Required quantity:	Pieces
То	ol no:		
H2	L1 edge at runout increased	B1 with or distance with or distance page to base: double walled with capping piece B3	without
Γ	Width of machine bed	B1 =	mm
-	Runout length (top)	B2 =	mm
	Runout length (bottom)	B3 =	mm
	Distance between lower edge tool and upper aluminium profile (magnetic height 8 mm)	D1 =	mm
	Height top edge of aluminium profile to top e runout	dge of H1 =	mm
	Height runout	H2 =	mm
	Body height	H3 =	mm
F	Maximum mould aperture distance	L1 =	mm
L	Width runout Optional:	L2 =	mm
	Pad (Please mark on diagram)		
	Baffler 1 max. dimensions of your parts:	plastic	
	Removable base		
Materia	-Selection: FM100.001 (antistatic)	FM100.003 (blue, oil-resista washable)	ant, FM100.005 (antist. + FDA)
	FM100.002 (silver, oil-resistant, washable)	FM100.004 (Kevlar) inside or outside (up to 300°C)	FM100.006 (Glamux)

Collecting funnel Type AFTBE, diagonal, 90° turned



Collecting funnel AFTBE, diagonal, 90° turned

- Movable
- Attached to tool (mould) or worktops
- Diagonal runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad, removable base

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: collecting funnel type AFTBE, diagonal, 90° turned

Company:	Contact person:
Street:	Phone:
ZIP/City:	E-mail:
Machine no:	Required quantity: Pieces
Tool no:	
B1 alu-pro 20 x 20 20 x 20 20 x 20 20 x 20 poptional: base: double walled with capping piece B3	
Width of machine bed	B1 = mm
Runout length (top)	B2 = mm
Runout length (bottom)	B3 = mm
Distance between lower edge tool and upper edge aluminium profile (magnetic height 8 mm)	D1 = mm
Height top edge of aluminium profile to top edge of runout	H1 = mm
Height runout	H2 = mm
Body height	H3 = mm
Maximum mould aperture distance	L1 = mm
Width runout <u>Optional:</u>	L2 = mm
Pad (Please mark on diagram)	
Baffler 1 max. dimensions of your plastic parts:	
Removable base	
Material-Selection: FM100.001 (antistatic)	FM100.003 (blue, oil-resistant, FM100.005 (antist. + F washable)
FM100.002 (silver, oil-resistant, washable)	FM100.004 (Kevlar) FM100.006 (Glamux) inside or outside (up to 300°C)

Collecting funnel Type AFTBE, duo



Collecting funnel AFTBE, duo

- for the three-plate tool
- Movable
- Attached to tool (mould) or worktops
- 2x diagonal runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad, removable base

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: collecting funnel Type AFTBE, duo

	Company:	Contact pers	on:	
	Street:	Phone:		
	ZIP/City:	E-mail:		
	Machine no:	Required qua	antity:	Pieces
	Tool no:			
	view:funnel 1 L1 optional: baffler 1 edge at runout increased	alu-profile 20 x 20 mm Funnel 2 B1 T T T T T T T T T T T T T T T T T T	magnets: with or without distance tube funnel 1 E baffler 2 edge at runout increased	view:funnel 2
		Width of machine bed	B1 =	mm
		Runout length (top)	B2 =	mm
		Total runout length (bottom)	B3 =	mm
		Distance between lower edge tool and aluminium profile (magnetic height 8 n		mm
		Height top edge of aluminium profile to runout		mm
\$32		Height runout	H2 =	mm
		Body height	H3 =	mm
		Maximum mould aperture distance	L1 =	mm
Ê		Width runout Optional: Pad (Please mark on diagram) Baffler 1	L2 =	mm
		Baffler 2 parts:		
		Removable base	····	
	Material-Selection: FM	00.001 (antistatic) FM100	0.003 (blue, oil-resistant, F washable)	FM100.005 (antist. + FDA)
	FM:		D.004 (Kevlar) For outside (up to 300°C)	-M100.006 (Glamux)
Pag	e 20			

Collecting funnel Type AFTBE, duo, 90° turned



Collecting funnel AFTBE, duo, 90° turned

- for the three-plate tool
- Movable
- Attached to tool (mould) or worktops
- 2x diagonal runout, 90° offset, for the ejection of parts on conveyor belts and into a container next to the machine
- Optional: Baffler, pad, removable base

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: collecting funnel type AFTBE, duo, 90° turned



Width of machine bed	B1 =	mm
Runout length funnel 1 (top)	B2 =	mm
Runout length funnel 1 (bottom)	B3 =	mm
Runout length funnel 2 (top)	B4 =	mm
Runout length funnel 2 (bottom)	B5 =	mm
Distance between lower edge tool and upper edge aluminium profile (magnetic height 8 mm)	D1 =	mm
Height top edge of aluminium profile to top edge Runout of funnel 1	H1 =	mm
Height runout funnel 1	H2 =	mm
Body height funnel 1	H3 =	mm
Height top edge of aluminium profile to top edge Runout of funnel 2	H4 =	mm
Height runout funnel 2	H5 =	mm
Body height funnel 2	H6 =	mm
Maximum mould aperture distance	L1 =	mm
Aperture at the funnel 1 top	L2 =	mm
Width of runout funnel 1	L3 =	mm
Width of runout funnel 2	L4 =	mm

Optional:

Pad (Please mark on diagram)						
Baffler 1	max. dimensions of your plastic					
Baffler 2	parts:					
Removable base						

Material-Selection: FM100.001 (antistatic)	FM100.003 (blue, oil-resistant, washable)	FM100.005 (antist. + FDA)
FM100.002 (silver, oil-resistant, washable)	FM100.004 (Kevlar) inside or outside (up to 300°C)	FM100.006 (Glamux)

Lamella collecting funnel type LAFTBE, double wall

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Cross bar cover



Lamella collecting funnel LAFTBE, double wall

- Movable
- Attached to tool (mould) or worktops
- Tubes are guided through double-wall lamellas
- Material heavily flammable, slotted

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

Number	B1 [mm]	L1 [mm]	H1 [mm]
250	250	500	151.250.250.500
300	300	500	151.300.300.500
400	400	500	151.400.400.500
500	500	500	151.500.500.500
600	600	500	151.600.600.500
700	700	500	151.700.700.500

Mounting with 4 magnets (Ø 32 mm) without spacer tube

Inquiry: lamella funnel type LAFTBE, double wall



Optional:

4 brackets with magnets (Ø 32 mm)

Special shape for brackets (please enclose diagram with dimensions)

4 magnets (Ø 32 mm) with spacer tube

Collecting funnel Type AFT

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Cross bar cover



Collecting funnel AFT with fixed frame

- Fixed

Version T:

- Fixed to rigid machine base
- Straight runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine

B1	B2	L1	L2	H1	Vers	sion	Chain	Article number
[mm]	[mm]	[mm]	[mm]	[mm]	К	Т	length for K	Anticle number
							[mm]	
300	100	300	100	450			200	123.300.300.450
330	100	330	100	450			200	123.330.330.450
400	150	440	150	450			200	123.400.440.450
500	200	540	200	450			200	123.500.540.450
600	200	640	200	450			200	123.600.640.450
700	250	740	250	450			200	123.700.740.450
Version K: Mounting with 4 equally long chains and 4 magnets (Ø 25 mm or Ø 32								
		mm	ו)					

Mounting with 4 brackets and 4 magnets (Ø 32 mm)

Inquiry: collecting funnel type AFT

Company:	Contact person:	
Street:	Phone:	
ZIP/City:	E-mail:	
Machine no:	Required quantity:	Pieces
Tool no:		



Inquiry: collecting funnel type AFT

Width of frame	B1 =	mm
Width runout	B2 =	mm
Length of frame	L1 =	mm
Length of runout	L2 =	mm
For version K: Distance between lower edge of tool and top	D1 =	mm
edge of aluminium profile	DT –	mm
Height of funnel	H1 =	mm

Optional:

Pad (Please mark on diagram)

Baffler	1

Baffler 2

max. dimensions of your plastic parts:

Removable base

Version K: 4 chains with magnets (Ø 32 mm)

Version T: 4 Brackets with magnets (Ø 32 mm)

Special shape for brackets (please enclose diagram with dimensions)

Pad (Please mark on diagram)

Material-Selection: FM100.001 (antistatic)	FM100.003 (blue, oil-resistant, washable)	FM100.005 (antist. + FDA)
FM100.002 (silver, oil-resistant, washable)	FM100.004 (Kevlar) inside or outside (up to 300°C)	FM100.006 (Glamux)

Double funnel type AFTD



Double funnel AFTD with fixed frame

- Fixed
- Fixed to rigid machine base
- Diagonal runout for the ejection of parts, for example a conveyor or a container under the tool
- Optional: Baffler, pad

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: double funnel type AFTD

Company:	 Contact person:		
Street:	 Phone:		
ZIP/City:	 E-mail:		
Machine no:	 Required quantity:	Pie	eces
Tool no:			



Lamella collecting funnel type LAFT



Lamella collecting funnel LAFT, double wall

- Fixed
- Fixed to rigid machine base
- Straight runout for the ejection of parts, for example a conveyor or a container under the tool
- Tubes are guided through doublewall lamellas
- Material heavily flammable, slotted

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and safe removal of parts
- Reduction of rejects through the systematic further conveyance of parts onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

B1 [mm]	L1 [mm]	H1 [mm]	Article number
250	250	500	152.250.250.500
300	300	500	152.300.300.500
400	400	500	152.400.400.500
500	500	500	152.500.500.500
600	600	500	152.600.600.500
700	700	500	152.700.700.500
Mounting with 4 magnets (Ø 32 mm) without spacer tube			

Inquiry: lamella collecting funnel type LAFT



Collecting trough type AWS

Features:

- Light metal frame made of aluminium profile
- Easy assembly with chains and special magnets on unmovable machine frames
- Material in different versions (temperature-resistant, anti-static, ...)
- Movable, movable with mould or fixed versions
- Application-sizes and versions (tool or mould geometry, aperture distances, hose connections, product composition, ...)

Benefits:

- Easy fast and variable assem special chains and special m
- Gentle and safe removal of p - Reduction of rejects through
- systematic further conveyance onto a conveyor belt or into a container
- Cleaner parts and cleaner machine environment through systematic collection
- Version taking into account the machine and product composition

	AFTBE, diagonal, 90° turned
	AFTBE, duo
	AFTBE, duo, 90° turned
	LAFTBE, double wall
1	AFT
	AFTD
nbly due to	LAFT
nagnets parts	AWS
the	
ce of parts	
a container	

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Cross bar cover

B1	L1	H1	Chain length		Article number
[mm]	[mm]	[mm]	H2 [mm]	H2 [mm]	
300	750	150	400	300	130.300.750.150
450	750	150	400	300	130.450.750.150
540	750	150	400	300	130.540.750.150
540	800	150	400	300	130.540.800.150
540	850	200	400	300	130.540.850.200
540	900	150	400	300	130.540.900.200
540	920	200	400	300	130.540.920.200
600	1000	200	400	300	130.600.1000.200
800	1000	250	400	300	130.800.1000.250
600	1200	250	400	300	130.600.1200.250
800	1200	250	400	300	130.800.1200.250
600	1300	250	400	300	130.600.1300.250
800	1300	250	400	300	130.800.1300.250

The mounting material (chains with magnets) is not included and must be ordered separately. (Mounting material Art. No.: 111.000.080)

all

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

Inquiry: Collecting trough type AWS

Company:	Contact person:		
Street:	Phone:		
ZIP/City:	E-mail:		
Machine no:	Required quantity:	Pieces	
Tool no:			
. В1	ame 20 x 20 mm	H2 H2	
(in pro	file slot movable) nets with long chains file slot movable)		
Width of frame	B1 =	mm	
Length of frame Height runout	L1 = H1 =	mm mm	
Magnets with long chain (2 pieces)	H2 =	mm	
Magnets with short chain (2 pieces)	H3 =	mm	
Material-Selection: FM100.001 (antistatic)	FM100.003 (blue, oil-re washable)	esistant, FM100.005 (antist. +	- FDA)
FM100.002 (silver, oil-resistant, washable)	FM100.004 (Kevlar) inside or outside (up to 30	FM100.006 (Glamux 00°C))

Side safety curtain



Application area:

- The ejected parts are laterally collected and then fall into a collecting funnel, a collecting bath or directly into a conveyor belt or into a container.

Features:

- Holder made of aluminium profile
- Easy assembly with special magnets
- Sturdy special material which runs with the tool
- Roll-up mechanism with special spring for continuous operation
- Minimal space requirement between the tool and the cross bar

Benefits:

- Easy fast and variable assembly due to special magnets
- Easy unhooking in the event of tool (mould) defects
- Gentle and systematic ejection of the parts into the ejection shaft of the machine
- Reduction of discards through the systematic ejection of parts
- Cleaner parts and cleaner machine environment through systematic ejection
- Individual version taking tool composition into account

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo, 90° turned LAFTBE, double wall AFT AFTD LAFT

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Side safety curtain

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo, 90° turned LAFTBE, double wall AFT AFT

> SIDE SAFETY CURTAIN

> > Version 1

AWS

Version 2

Butterfly curtain

LAS

AFR










Standard Versions

Rollo bar		Material			Side safety curtain complete	
Article number	Length	Article number	Article	Length	Article number	Article number
	[mm]		number	[mm]		
111.000.200	200	112.185.550	185	550	110.235.550	235
111.000.200	200	112.185.650	185	650	110.235.650	235
111.000.200	200	112.185.750	185	750	110.235.750	235
111.000.200	200	112.185.850	185	850	110.235.850	235
111.000.200	200	112.185.950	185	950	110.235.950	235
111.000.250	250	112.235.550	235	550	110.285.550	285
111.000.250	250	112.235.650	235	650	110.285.650	285
111.000.250	250	112.235.750	235	750	110.285.750	285
111.000.250	250	112.235.850	235	850	110.285.850	285
111.000.250	250	112.235.950	235	950	110.285.950	285
111.000.260	260	112.245.550	245	550	110.295.550	295
111.000.260	260	112.245.650	245	650	110.295.650	295
111.000.260	260	112.245.750	245	750	110.295.750	295
111.000.260	260	112.245.850	245	850	110.295.850	295
111.000.260	260	112.245.950	245	950	110.295.950	295
111.000.280	280	112.265.550	265	550	110.315.550	315
111.000.280	280	112.265.650	265	650	110.315.650	315
111.000.280	280	112.265.750	265	750	110.315.750	315
111.000.280	280	112.265.850	265	850	110.315.850	315
111.000.280	280	112.265.950	265	950	110.315.950	315
111.000.300	300	112.285.550	285	550	110.335.550	335
111.000.300	300	112.285.650	285	650	110.335.650	335
111.000.300	300	112.285.750	285	750	110.335.750	335
111.000.300	300	112.285.850	285	850	110.335.850	335
111.000.300	300	112.285.950	285	950	110.335.950	335
111.000.345	345	112.330.550	330	550	110.380.550	380
111.000.345	345	112.330.650	330	650	110.380.650	380
111.000.345	345	112.330.750	330	750	110.380.750	380
111.000.345	345	112.330.850	330	850	110.380.850	380
111.000.345	345	112.330.950	330	950	110.380.950	380
111.000.400	400	112.385.550	385	550	110.435.550	435
111.000.400	400	112.385.650	385	650	110.435.650	435
111.000.400	400	112.385.750	385	750	110.435.750	435
111.000.400	400	112.385.850	385	850	110.435.850	435
111.000.400	400	112.385.950	385	950	110.435.950	435

Standard Versions

Rollo bar		Material			Side safety curtain complete	
Article number	Length	Article number	Article	Length	Article number	Article
	[mm]		number	[mm]		number
111.000.500	500	112.485.550	485	550	110.535.550	535
111.000.500	500	112.485.650	485	650	110.535.650	535
111.000.500	500	112.485.750	485	750	110.535.750	535
111.000.500	500	112.485.850	485	850	110.535.850	535
111.000.500	500	112.485.950	485	950	110.535.950	535
111.000.600	600	112.585.550	585	550	110.635.550	635
111.000.600	600	112.585.650	585	650	110.635.650	635
111.000.600	600	112.585.750	585	750	110.635.750	635
111.000.600	600	112.585.850	585	850	110.635.850	635
111.000.600	600	112.585.950	585	950	110.635.950	635
111.000.600	600	112.585.1100	585	1100	110.635.1100	635

Round bars and auto-rollers used depending on material height and material length

Material height	Material length	Round bar	Rollo bar
H2 ≤ 240mm	L ≤ 650mm	d = 10mm	d = 19mm
H2 ≥ 240mm	L ≥ 650mm	d = 15mm	d = 25mm

Inquiry: Side safety curtain Version 1



Material:



Inquiry: Side safety curtain Version 2



Butterfly curtain





Application area:

- The ejected parts are collected laterally and then fall into a collecting funnel, a collecting bath or directly onto a conveyor belt or into a container.

Features:

- Easy assembly with special magnets
- Sturdy special material
- Minimal space requirement between the tool and the cross bar

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and systematic ejection of the parts into the ejection shaft of the machine
- Reduction of discards through the systematic ejection of parts
- Cleaner parts and cleaner machine environment through systematic ejection
- Individual version taking tool composition into account

COLLECTING FUNNEL

AFTBE, straight

AFTBE, diagonal

AFTBE, diagonal, 90° turned

AFTBE, duo

AFTBE, duo, 90° turned

LAFTBE, double wall

AFT

AFTD

LAFT

AWS

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Butterfly curtain

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo LAFTBE, double wall	<section-header><text></text></section-header>
AFT	
AFTD	
LAFT	A7.15 Person
AWS SIDE SAFETY CURTAIN Version 1 Version 2	<section-header> Butterfly curtain movable over length of 300 mm with 3 holding strips </section-header>
Butterfly curtain	
LAS	
AFR Cross bar cover	
Cross bar cover	

Inquiry: butterfly curtain



Total height H1 to 300 mm:2 holding strips (top, bottom) each with 2 magnets (Ø 25mm)Total height H1 over 300 mm:3 holding strips (top, centre, bottom) each with 2 magnets (Ø 25mm)

Maximum mould aperture distance	L1 =	mm
Total height	H1 =	mm
Height	H2 =	mm
Height (only with $H1 > 300$ mm)	H3 =	mm
Height	H4 =	mm

Lamella ejection protection type

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo, 90° turned LAFTBE, double wall

AFT

AFTD

LAFT

Application area:

Features:

magnets

the movable tool

wall lamellas

- Easy assembly with special

- Attached to rigid machine base on

- Tubes are guided through double-

- Material heavily flammable, slotted

- AWS The ejected parts are collected laterally and then fall into a collecting funnel, a collecting bath or directly onto a conveyor belt or into a container.
 - Halting parts at the end of slides or conveyor belts.

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Cross bar cover

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and systematic ejection of the parts into the ejection shaft of the machine
- Reduction of discards through the systematic ejection of parts
- Cleaner parts and cleaner machine environment through systematic ejection
- Reduction of the fall speed at the end of a slide or a conveyor belt
- Individual version taking tool composition into account





Lamella ejection protection type LAS

Lamella ejection protection LAS inside of a die-casting machine





Lamella ejection protection LAS at the end of a slide / a conveyor belt

B1 [mm]	H1 [mm]	Article number		
200	500	150.200.500		
250	500	150.250.500		
300	500	150.300.500		
350	500	150.350.500		
400	500	150.400.500		
450	500	150.450.500		
500	500	150.500.500		
600	500	150.600.500		
700	500	150.700.500		
800	500	150.800.500		
Mounting with 2 spacer tubes and magnets (Ø 32 mm) with				
a total length of 45 mm.				

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo, 90° turned LAFTBE, double wall AFT AFTD LAFT

SIDE SAFETY CURTAIN

Version 1

Version 2

Butterfly curtain

LAS

AFR

Inquiry: Lamella ejection protection type LAS

Company: Street: ZIP/City: Machine no: Tool no:		Contact person: Phone: E-mail: Required quantity:		Pieces
	B1 20 x 2	rofile 20 mm	2 magnets with ((in profile slot m	
Specia	ard-distances with magnet I length for distances with et (at least 8 mm)	B1 = H1 = D1 = D1 =	mm mm 45 mm mm]
Material-Selection:	FM100.001 (antistatic) FM100.002 (silver, oil-resista washable)		nable)	FM100.005 (antist. + FDA)

Ejection chute type AFR



Application area:

- The ejected parts are collected between the tool and a fixed, built-in collecting funnel and conveyed into it.

Features:

- Easy assembly with special magnets
- Material in different versions (temperature-resistant, anti-static, ...)
- Attached to rigid machine base and to collecting funnel
- Application-specific sizes and versions (collecting funnel geometry, tube connections, product composition, ...)

Benefits:

- Easy fast and variable assembly due to special magnets
- Gentle and systematic ejection of the parts into the ejection shaft of the machine
- Reduction of discards through the systematic ejection of parts
- Cleaner parts and cleaner machine environment through systematic ejection
- Individual version taking the machine composition into account

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo, 90° turned LAFTBE, double wall AFT AFTD LAFT

SIDE SAFETY CURTAIN

Version 1

AWS

Version 2

Butterfly curtain

LAS

AFR

B1 [mm]	L1 [mm]	Article number			
250	650	140.250.650			
280	650	140.280.650			
345	650	140.345.650			
450	650	140.450.650			
450	850	140.450.850			
545	650	140.545.650			
545	850	140.545.850			
645	850	140.645.850			
Mounting with 4 spacer tubes and magnets (Ø 32 mm) with a total length of 45 mm.					

Inquiry: ejection chute type AFR

	Company:Street:ZIP/City:Machine no:Tool no:	Contact person: Phone: E-mail: Required quantity:	Pieces
variabel ad justable	alu profile Image: state	Epction chute in the installed status of the cie-chasting maschine	
	Width	B1 = mm	
		L1 =	
	Standard-distances with magnet	D1 = D2 = 45 mm	
	Special length for distances with Magnet (at	least 8 mm) D1 = mm	
	Special length for distances with Magnet (at	least 8 mm) D2 = mm	
M	aterial-Selection: FM100.001 (antistatic) FM100.002 (silver, oil-resistant, washable)	washable)	05 (antist. + FDA) 06 (Glamux)

Cross bar cover



Application area:

- The ejected parts are laterally collected and then fall into a collecting funnel, a collecting bath or directly into a conveyor belt or into a container.

Features:

- Easy assembly due to Velcro seal
- Material static, oilresistant, washable

Benefits:

- Easy fast and variable assembly due to Velcro seals
- Gentle and systematic ejection of the parts into the ejection shaft of the machine
- Reduction of discards through the systematic ejection of parts
- Cleaner parts and cleaner machine environment through systematic ejection
- Individual version taking the machine composition into account

COLLECTING FUNNEL

AFTBE, straight AFTBE, diagonal AFTBE, diagonal, 90° turned AFTBE, duo AFTBE, duo, 90° turned LAFTBE, double wall AFT AFTD

SIDE SAFETY CURTAIN

AWS

Version 2

Butterfly curtain

LAS

AFR

Inquiry: cross bar cover

Company:	Contact person:	
Street:	Phone:	
ZIP/City:	E-mail:	
Machine no:	Required quantity:	Pieces
Tool no:	_	
B1	L1	
		10
	slide/apron	
	with velcro seal	
	cross bar cover	
	with velcro seal	

Diameters of the cross bar	D1 =	mm
Width of the slide/apron	B1 =	mm
Length of the slide/apron	L1 =	mm

Material-Selection: FM100.002 (silver, oil-resistant, washable)

FM100.003 (blue, oil-resistant, washable)