



COMPLETE PACKAGING LINES

M A C H I N E C A T A L O G U E

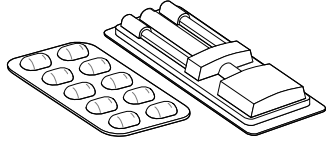
www.campackaging.it

Machine types

CAM PRODUCE VARIOUS TYPES OF MACHINES
AND SPECIAL DEVICES TO SATISFY EVERY
PACKAGING NEED

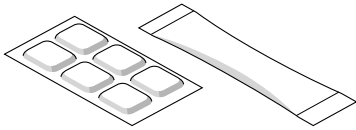
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Blisters packers for capsules, tablets, pills and dragées. Tray thermoforming machines for vials, bottles and syringes. Blister magazine.



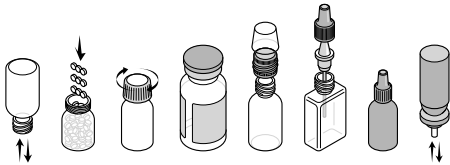
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Strip and stick packers machines.



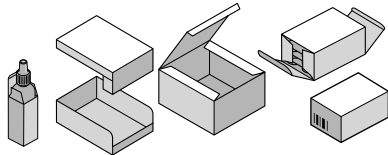
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Bottle depacking, filling, capping, counting and labelling machines. Spray can testing machines.



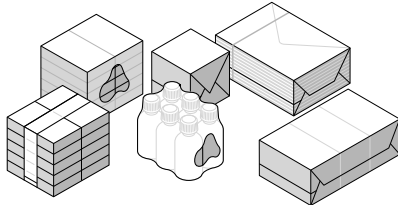
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Cartoning, traceability and tray forming machines. Feeding manipulators.



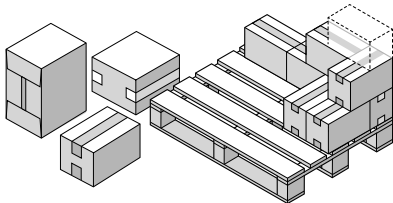
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Overwrapping and bundling machines.



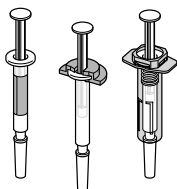
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Case-packing and palletizing machines.



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Syringe assembly machines.



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Machines in alphanumeric order

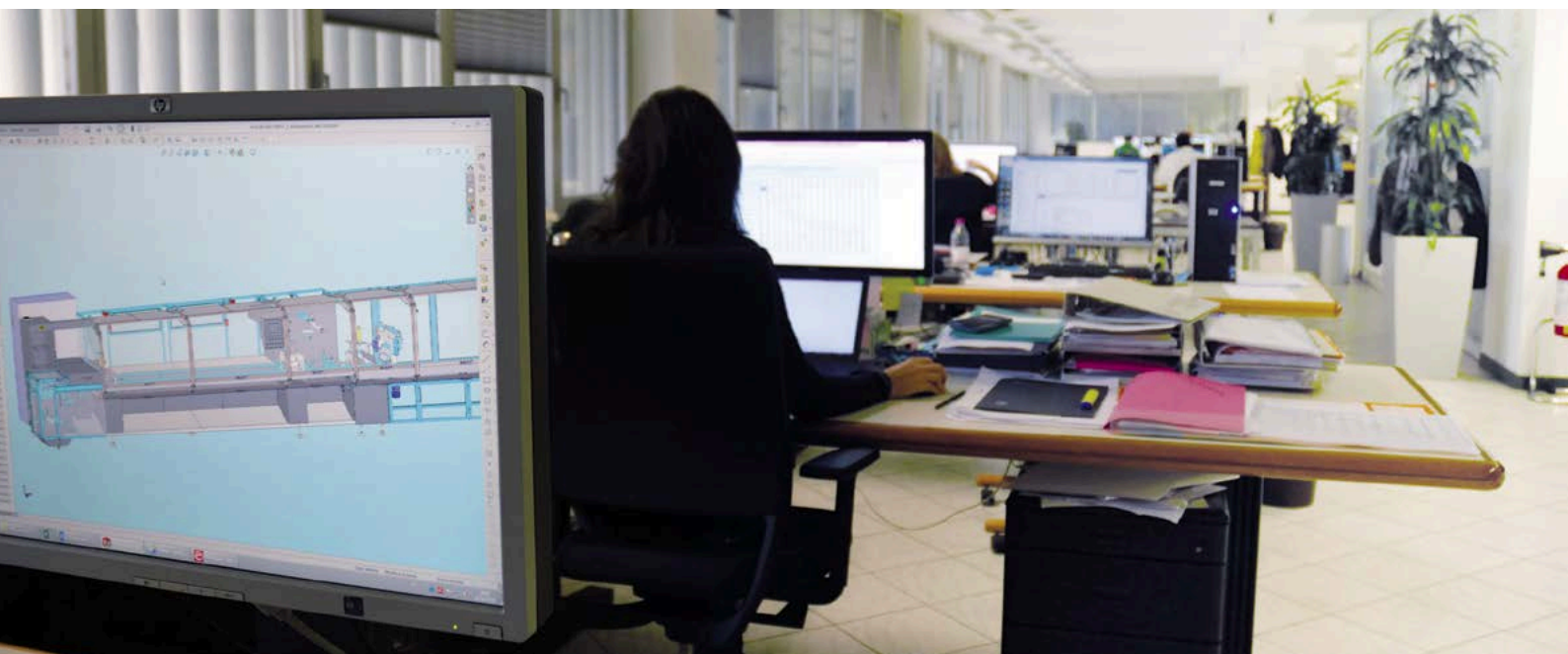
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■ MD.....	18	■ TTS.....	45
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Company profile

CAM
AUTOMATIC PACKAGING MACHINES



CAM, founded in 1949, has been the first Italian designer of automatic machines for packaging into cartons. Throughout the years, Cam range of machines has expanded and CAM can now supply complete packaging lines for all industrial sectors including Pharmaceutical, Cosmetic and Food.

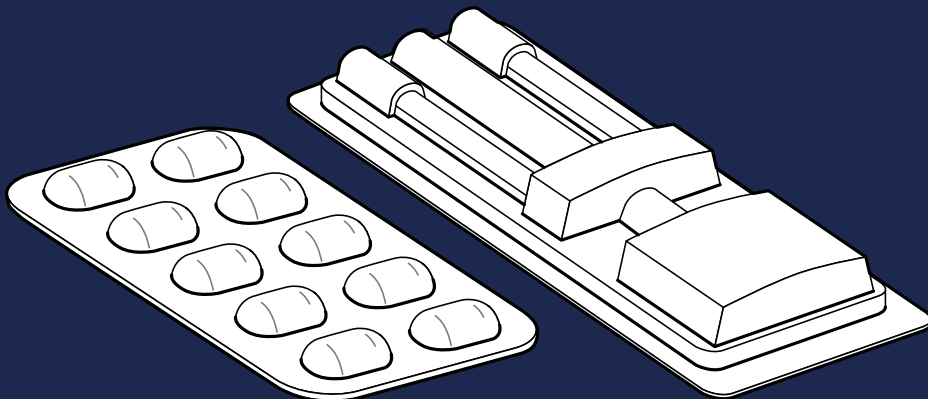
At present, CAM trade mark represents a structure involving 14 Manufacturing Companies, 19 Trade Centers with Agents distributed in 27 countries and 15 After Sales Centers to provide technical assistance throughout the world.

Due to over 70 years of experience, CAM is able to supply complete lines of machines with feeding units suitable to handle all types of products, whether liquid or solid, powders, granulates or cream, with standard or special shaped packs.

Such flexibility puts CAM in condition to be capable to meet any requirements of local contractors, multinational companies with facilities in emerging countries such as China, India, Brazil, Middle East and Africa, where CAM has been firmly present for years.

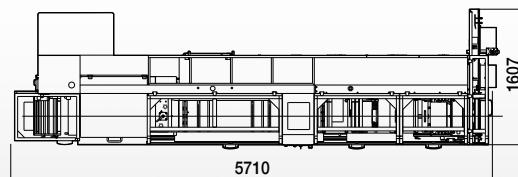
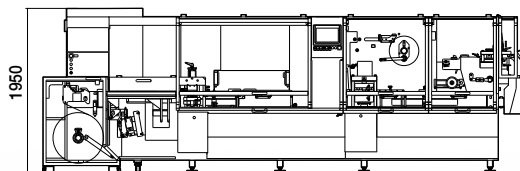
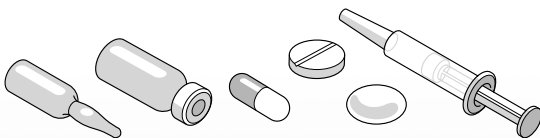
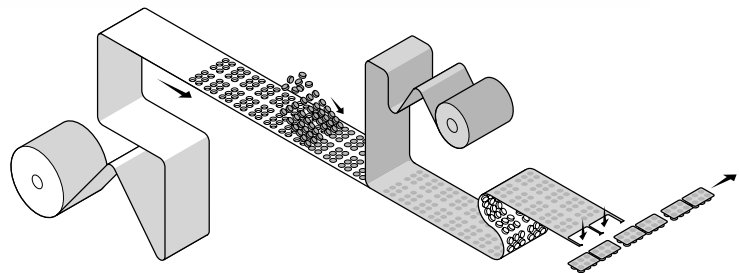
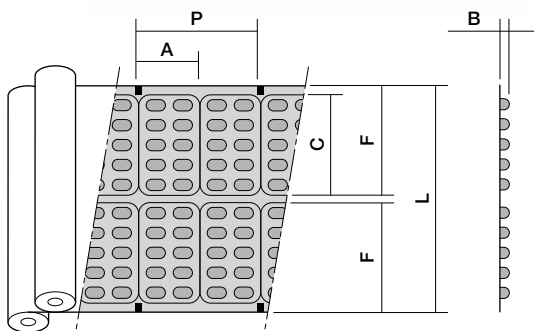


**Blisters packers for capsules,
tablets, pills and dragées.
Tray thermoforming machines
for vials, bottles and syringes.
Blister magazine.**



MK

HIGH SPEED BLISTER PACKAGING MACHINE WITH PLATE SEALING



TECHNICAL DATA

Production up to	BLISTERS/1'	900*
Mechanical speed	STROKES/1'	16-60
Power absorption	kW	17
Air consumption	NI/1'	500
Air pressure	bar	6
Net weight	kg	~4500

*Model version R

Forming materials PVC; PVC/PVDC; PVC/ACLAR; PVC/ALU/PA; PVC/ACLAR/PVC; COC; PETG

Production speed may vary depending on product and material

	Size range	Min.	Max.
L	Web with [mm]	90	334
P	Stroke length [mm]	120	220 (230**)
A	Blister width [mm]	30	90
B	Forming Depth [mm]	3	12
C	Blister length [mm]	60	160
F	Blister rows across the web	1	3
(N)	Blister rows along the pitch	1	5
(G)	Number of blisters per cycle	1	15

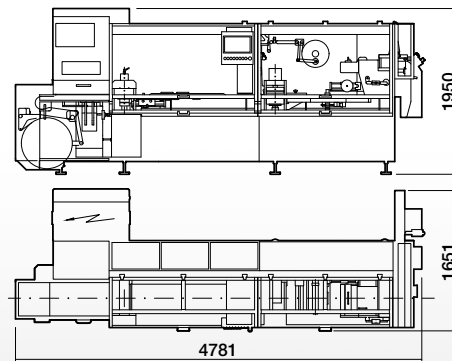
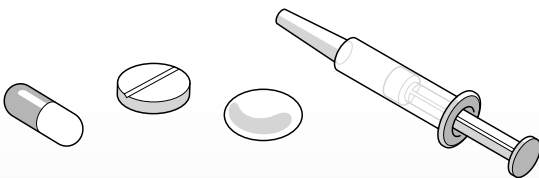
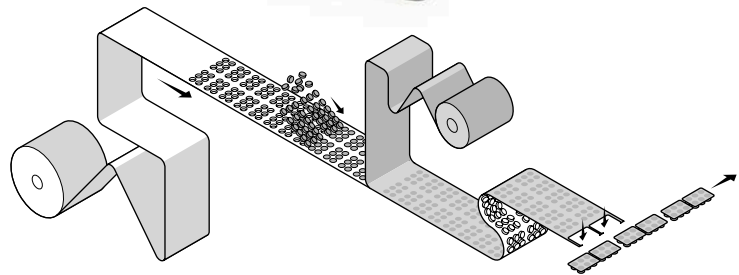
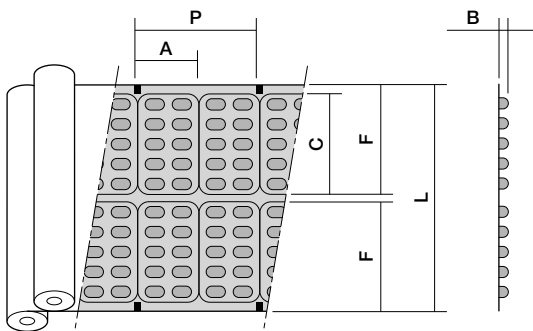
** Optional upgrade

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MX

HIGH SPEED BLISTER PACKAGING MACHINE WITH PLATE SEALING



TECHNICAL DATA

Production up to	BLISTERS/1'	750*
Mechanical speed	STROKES/1'	16-66*
Power absorption	kW	15
Air consumption	NI/1'	500
Air pressure	bar	6
Net weight	kg	~3300

*Model version R

Forming materials PVC; PVC/PVDC; PVC/ACLAR; PVC/ALU/PA; PVC/ACLAR/PVC; COC; PETG

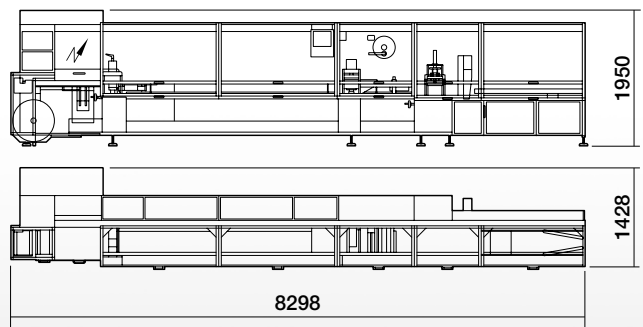
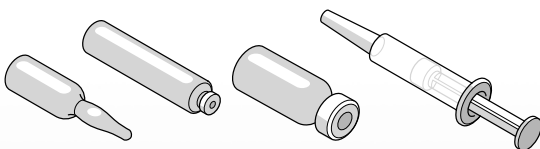
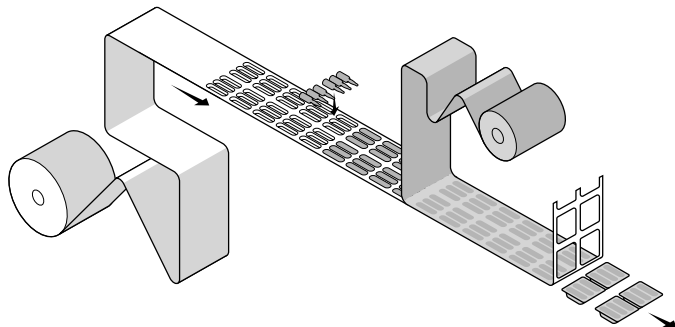
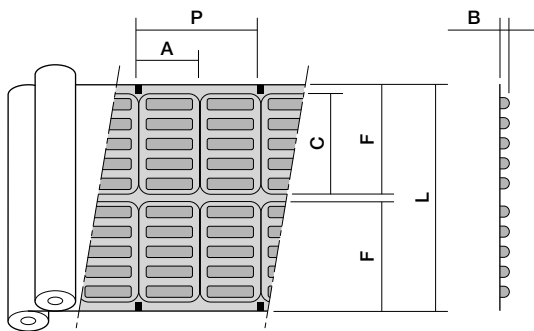
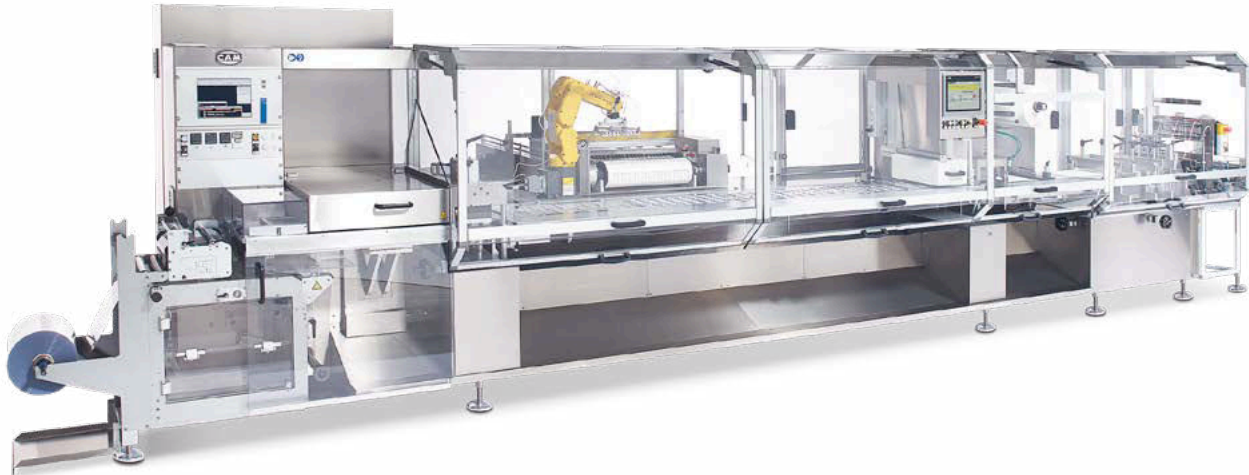
Production speed may vary depending on product and material

Size range	Min.	Max.
L Web with [mm]	90	286
P Stroke length [mm]	120	180 (204**)
A Blister width [mm]	30	90
B Forming Depth [mm]	3	12
C Blister length [mm]	60	160
F Blister rows across the web	1	3
(N) Blister rows along the pitch	1	4
(G) Number of blisters per cycle	1	12

** Optional upgrade

MX/F

HIGH SPEED TRAY PACKAGING MACHINE WITH PLATE SEALING



TECHNICAL DATA

Production up to	BLISTERS/1'	500
Mechanical speed	STROKES/1'	20-45
Power absorption	kW	15
Air consumption	NI/1'	500
Air pressure	bar	6
Net weight	kg	~4200

Size range	Min.	Max.
L Web with [mm]	90	286
P Stroke length [mm]	120	204
A Blister width [mm]	40	200
B Forming Depth [mm]	10	26 (32*)
C Blister length [mm]	50	235
F Blister rows across the web	1	4
(N) Blister rows along the pitch	1	5
(G) Number of blisters per cycle	1	10

Forming materials PVC; PVC/PVDC; PVC/ACLAR; PVC/ALU/PA; PVC/ACLAR/PVC; COC; PETG

Production speed may vary depending on product and material

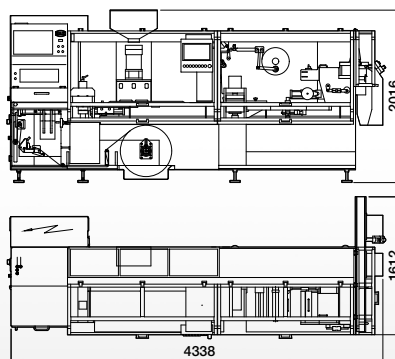
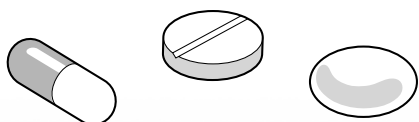
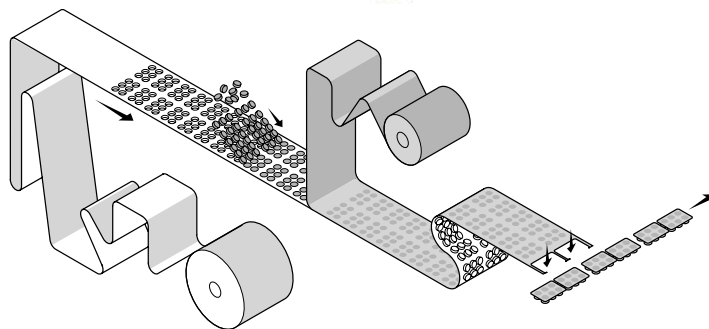
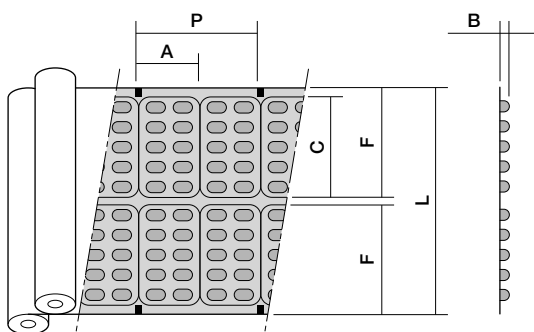
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MXC

COMPACT AUTOMATIC HIGH SPEED BLISTER PACKAGING MACHINE WITH PLATE SEALING



TECHNICAL DATA

Production up to	BLISTERS/1'	750*
Mechanical speed	STROKES/1'	16-66*
Power absorption	kW	15
Air consumption	NI/1'	500
Air pressure	bar	6
Net weight	kg	~3200

*Model version R

Forming materials PVC; PVC/PVDC; PVC/ACLAR; PVC/ALU/PA; PVC/ACLAR/PVC; COC; PETG

Production speed may vary depending on product and material

	Size range	Min.	Max.
L	Web with [mm]	90	286
P	Stroke length [mm]	120	180 (204**)
A	Blister width [mm]	30	90
B	Forming Depth [mm]	3	12
C	Blister length [mm]	60	160
F	Blister rows across the web	1	3
(N)	Blister rows along the pitch	1	4
(G)	Number of blisters per cycle	1	12

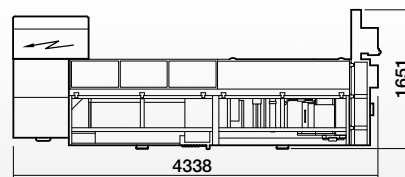
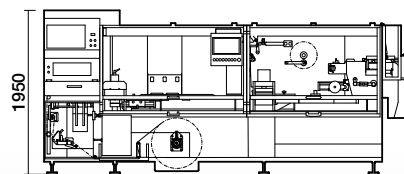
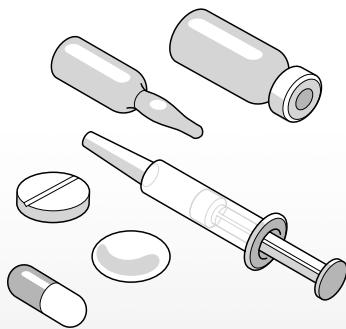
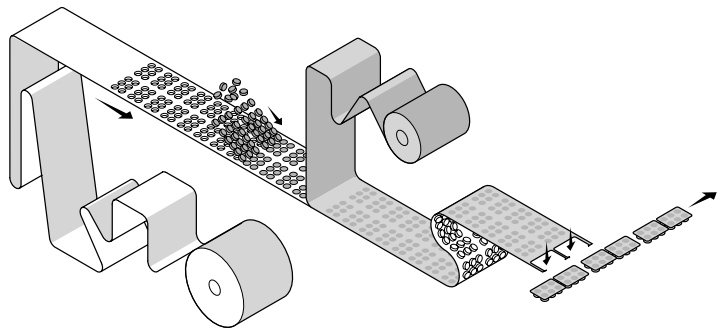
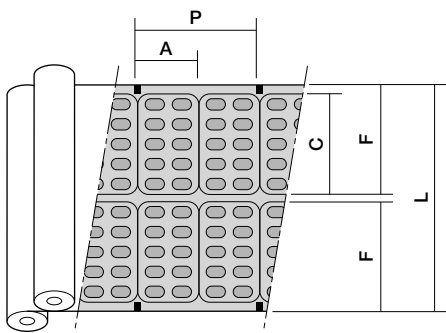
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nMC

BLISTER PACKAGING MACHINE WITH PLATE SEALING



TECHNICAL DATA

Production up to	BLISTERS/1'	300
Mechanical speed	STROKES/1'	16-60
Power absorption	kW	10
Air consumption	NI/1'	300
Air pressure	bar	6
Net weight	kg	~3100

Forming materials PVC; PVC/PVDC; PVC/ACLAR; PVC/ALU/PA; PVC/ACLAR/PVC; COC; PETG

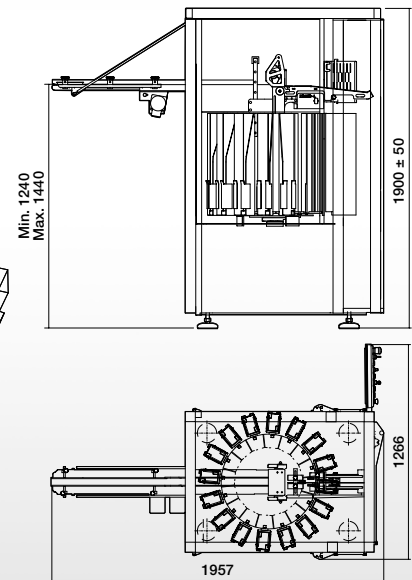
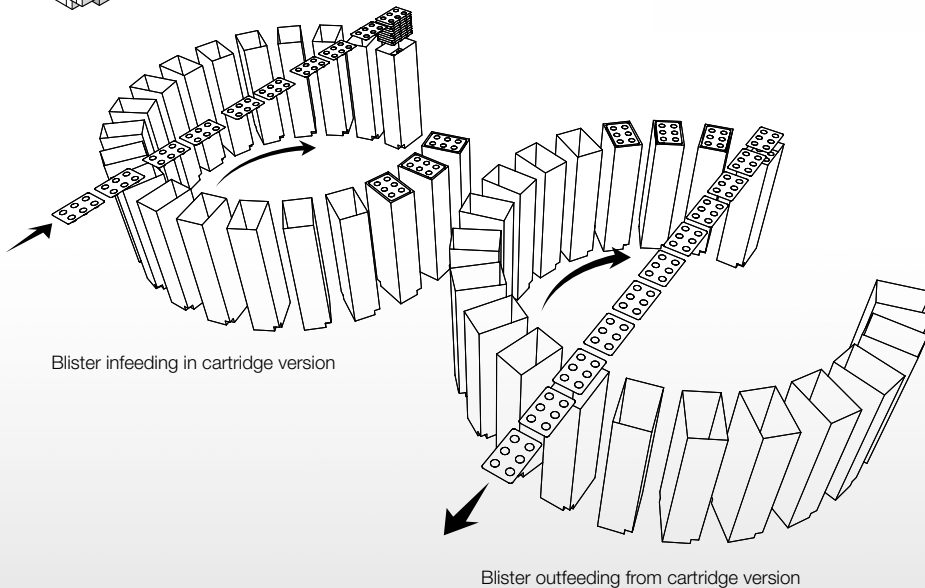
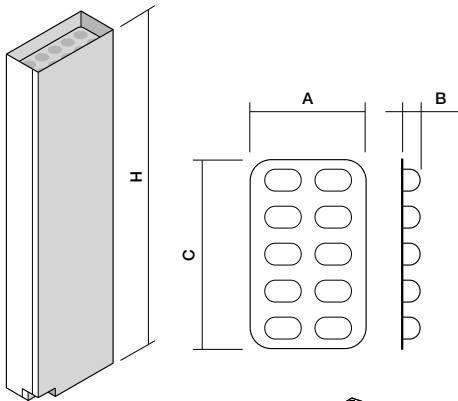
Production speed may vary depending on product and material

	Size range	Min.	Max.
L	Web with [mm]	90	286
P	Stroke length [mm]	40	90 (120*)
A	Blister width [mm]	30	90
B	Forming Depth [mm]	3	12
C	Blister length [mm]	60	160
F	Blister rows across the web	1	3
(N)	Blister rows along the pitch	1	2
(G)	Number of blisters per cycle	1	6

* Optional upgrade

ZR

OUTFEED/INFEED COMPACT ROTARY MAGAZINE FOR BLISTERS STACKED IN CARTRIDGE



TECHNICAL DATA

Production up to	STROKES/1'	600
Mechanical speed	STROKES/1'	600
Power absorption	kW	-
Air consumption	NI/1'	-
Air pressure	bar	-
Net weight	kg	-

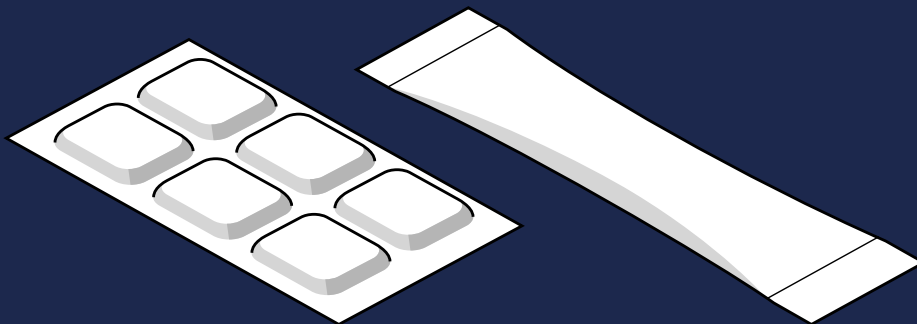
Size range	Min.	Max.
A Blister width [mm]	30	90
B Forming Depth [mm]	3	12
C Blister length [mm]	60	160
H Cartridge height [mm]	-	600



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**Strip and stick packers
machines.**

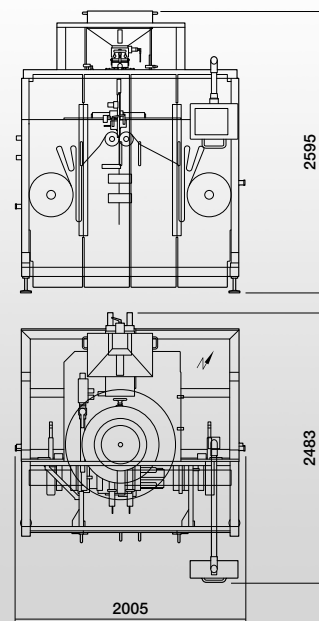
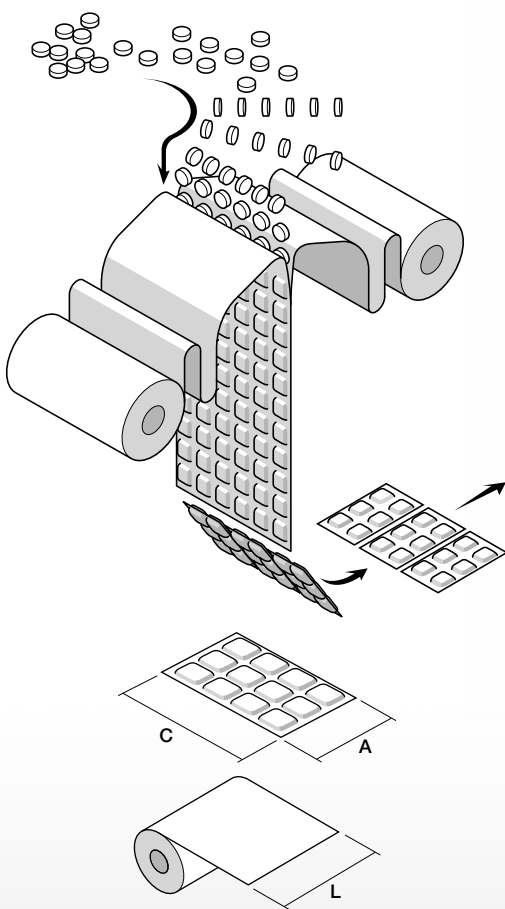


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5000V

HIGH SPEED STRIP PACKAGING VERTICAL MACHINE



TECHNICAL DATA		5000/200	5000/400
Mechanical speed	STROKES/1'	300*	300*
Power absorption	kW	9	12
Air consumption	NI/1'	180	180
Air pressure	bar	6-8	6-8
Net weight	kg	1600	1600

* Depending on package size

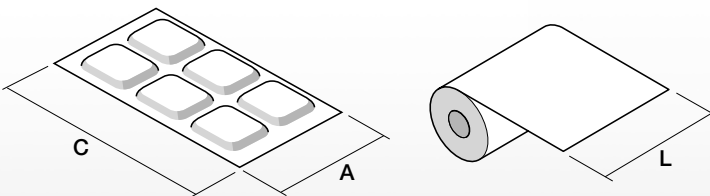
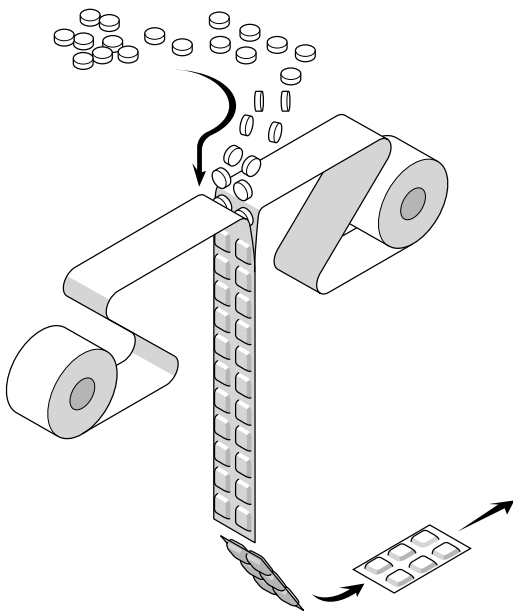
Size range	Min. / Max.	Min. / Max.
A [mm]	35 / 190	35 / 390
B [mm]	Programmable	Programmable
L (Reel width)	- / 200	- / 400

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5000V/90

STRIP PACKAGING VERTICAL MACHINE

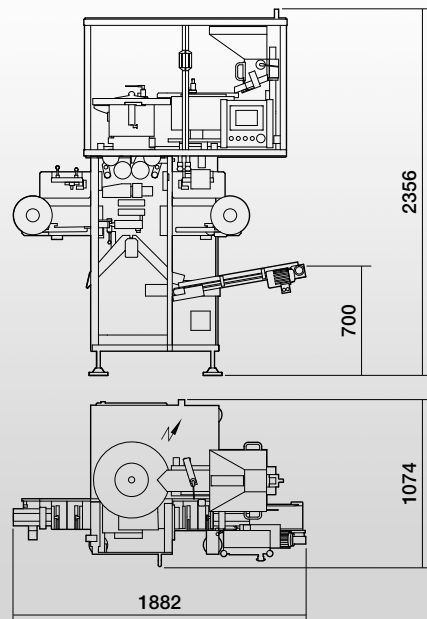


TECHNICAL DATA

Mechanical speed	STROKES/1'	250*
Power absorption	kW	5.5
Air consumption	NI/1'	120
Air pressure	bar	6
Net weight	kg	600

* Depending on package size

Size range	Min.	Max.
A [mm]	20	110
B [mm]	20	Programmable
L (Reel width)	-	110

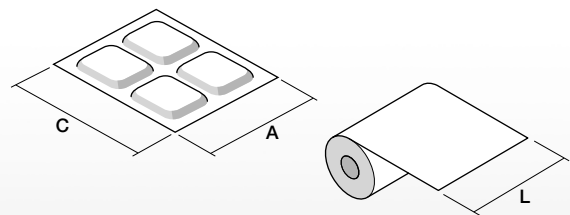
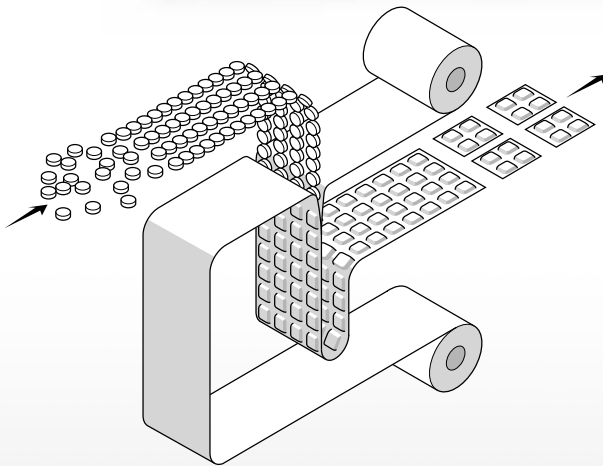
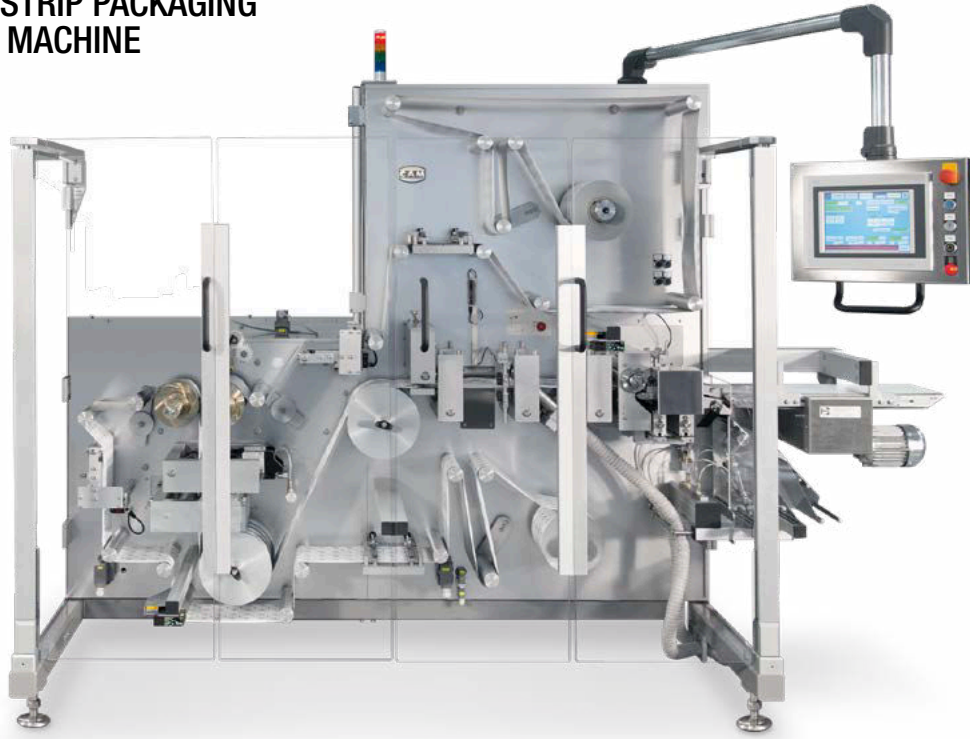


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5000H

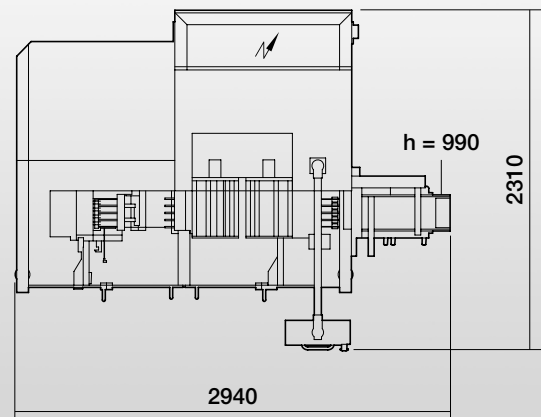
HIGH SPEED STRIP PACKAGING HORIZONTAL MACHINE



TECHNICAL DATA		5000/200H	5000/400H
Mechanical speed	STROKES/1'	300*	300*
Power absorption	kW	9	12
Air consumption	NI/1'	180	180
Air pressure	bar	6-8	6-8
Net weight	kg	1700	1700

* Depending on package size

Size range		Min. / Max.	Min. / Max.
A	[mm]	35 / 190	35 / 390
B	[mm]	Programmable	Programmable
L	(Reel width)	- / 200	- / 400

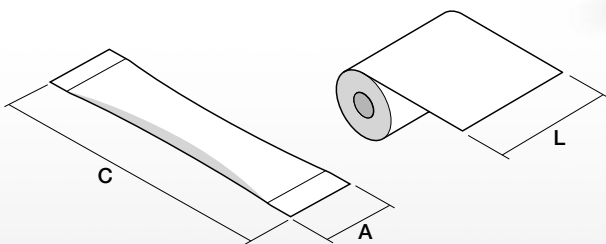


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8000

HIGH SPEED STICK PACKAGING VERTICAL MACHINE

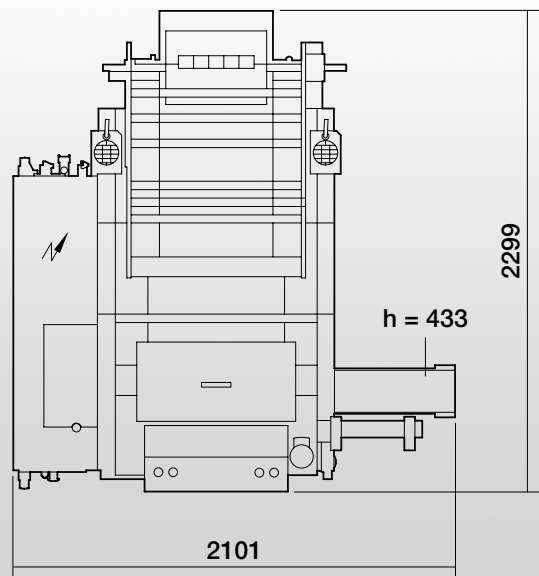


TECHNICAL DATA

Mechanical speed	STROKES/1'	60*
Power absorption	kW	12
Air consumption	NI/1'	500
Air pressure	bar	6
Net weight	kg	1800 - 2300**

* Depending on package size - ** Depending on configuration

Size range	Min.	Max.
A [mm]	15	50
B [mm]	40	180
L (Reel width)	-	580

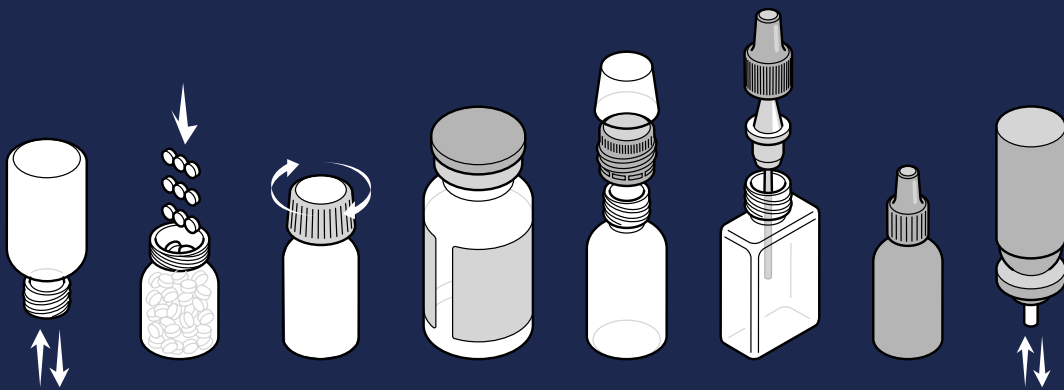


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**Bottle unpacking, filling,
capping, counting and
labelling machines.
Spray can testing
machines.**

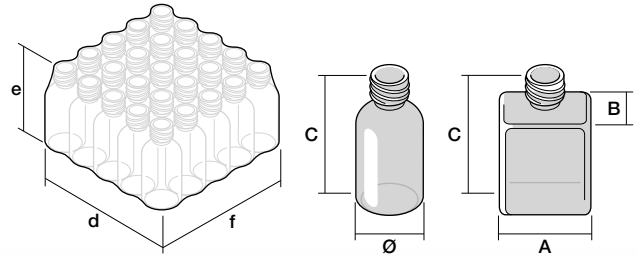
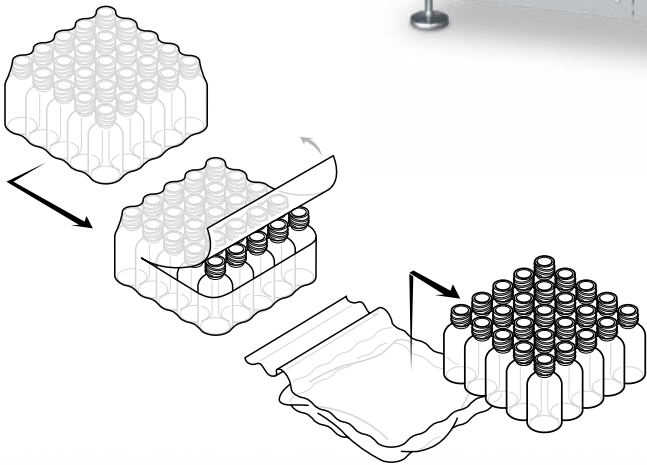


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MD

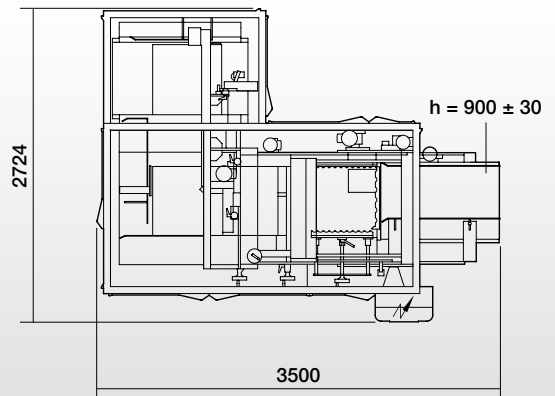
DEPACKING MACHINE FOR EMPTY BOTTLES WRAPPED IN SHRINK-PLASTIC MATERIAL



TECHNICAL DATA

Mechanical speed	STROKES/1'	5
Power absorption	kW	8
Air consumption	NI/1'	600
Air pressure	bar	5-6
Net weight	kg	~1300

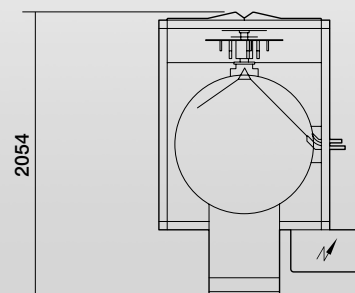
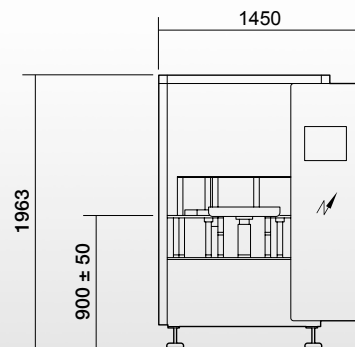
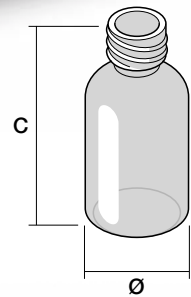
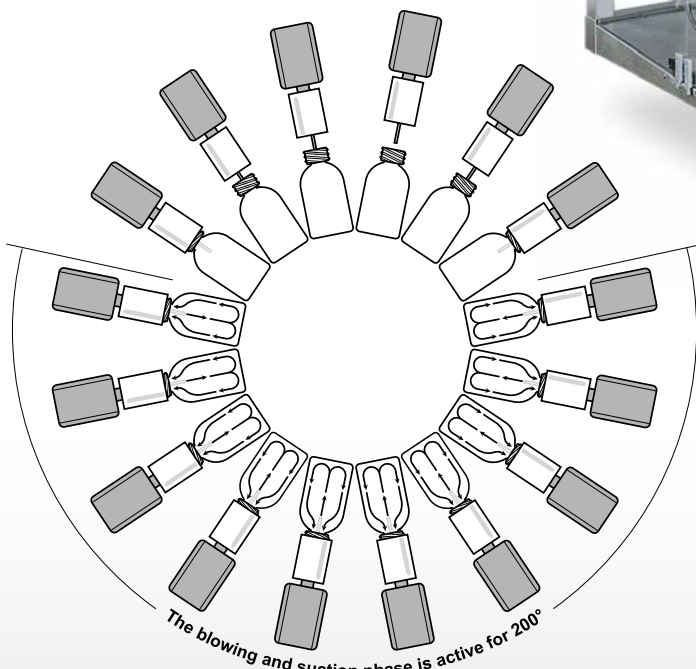
Size range	Min.	Max.
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B [mm]	20	100
Ø [mm]	20	100
C [mm]	30	180
d [mm]	250	600
e [mm]	40	250
f [mm]	250	600





TSA

VERTICAL CONTINUOUS MOTION BOTTLE CLEANING MACHINE WITH ROTARY TABLE AND BLOWING/SUCTION SYSTEM



TECHNICAL DATA

Mechanical speed	STROKES/1'	150
Power absorption	kW	4
Air consumption	NI/1'	900
Air pressure	bar	5-6
Net weight	kg	~800

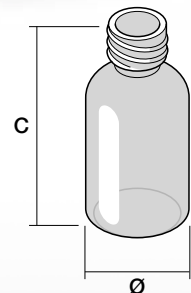
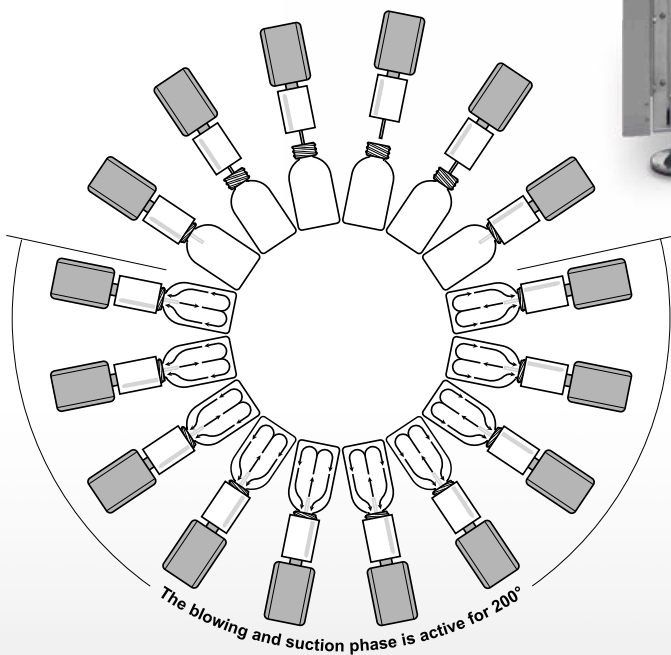
Size range	Min.	Max.
Ø [mm]	20	80
C [mm]	30	180

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SVA

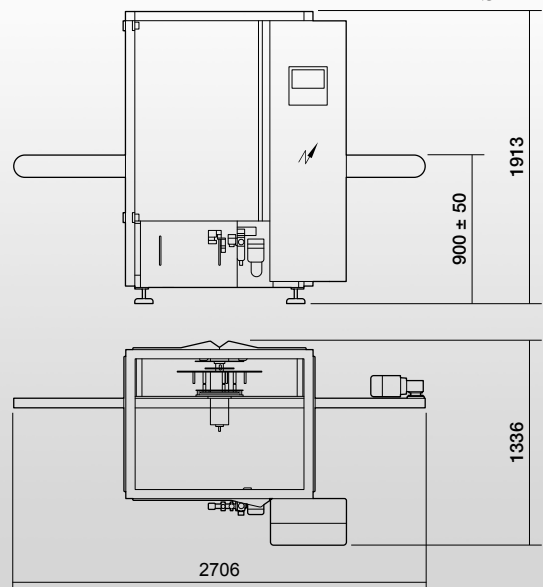
VERTICAL CONTINUOUS MOTION BOTTLE CLEANING MACHINE WITH BLOWING/SUCTION SYSTEM



TECHNICAL DATA

Mechanical speed	STROKES/1'	150
Power absorption	kW	2.3
Air consumption	NI/1'	900
Air pressure	bar	5-6
Net weight	kg	~800

Size range	Min.	Max.
Ø [mm]	20	80
C [mm]	30	180

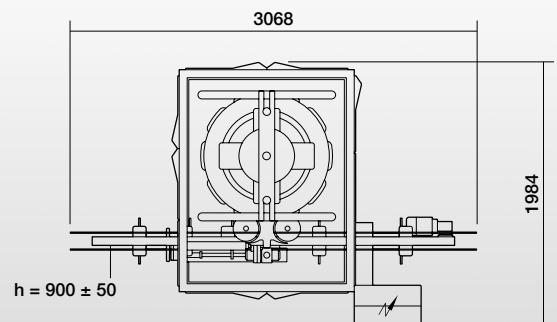
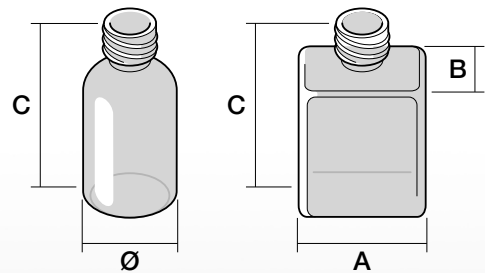
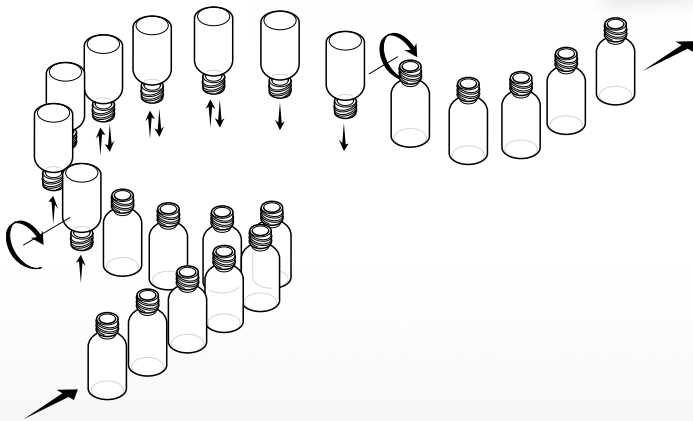


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MS

ROTATORY CONTINUOUS MOTION BOTTLE CLEANING MACHINE WITH BLOWING/SUCTION SYSTEM



TECHNICAL DATA

Mechanical speed	STROKES/1'	300
Power absorption	kW	3
Air consumption	NI/1'	600
Air pressure	bar	5-6
Net weight	kg	~1300

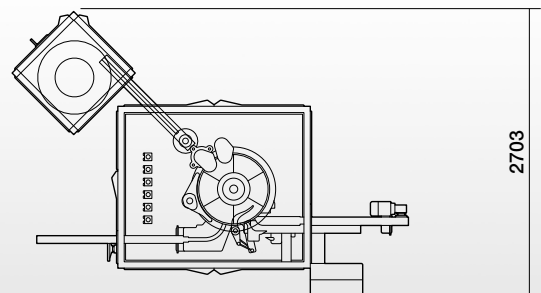
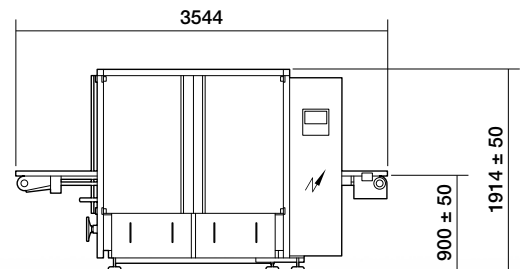
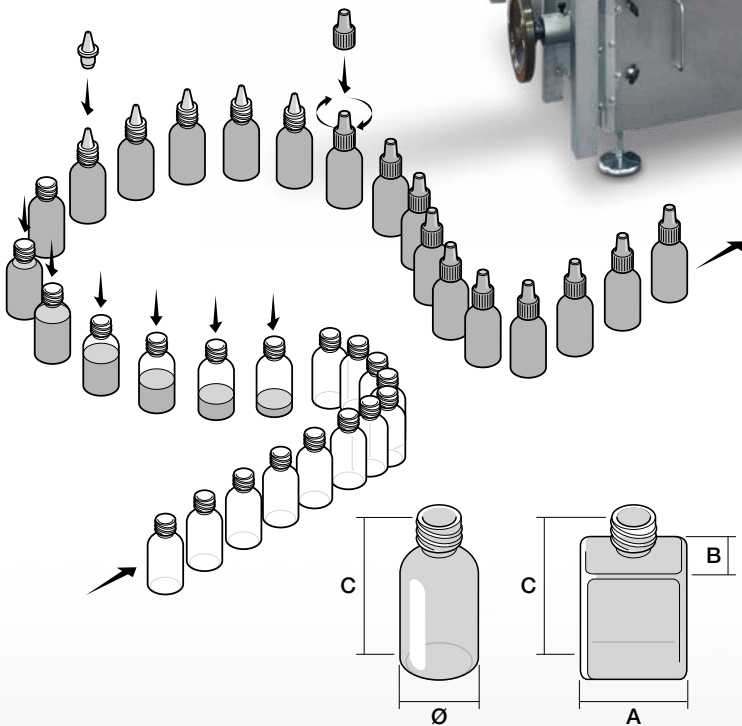
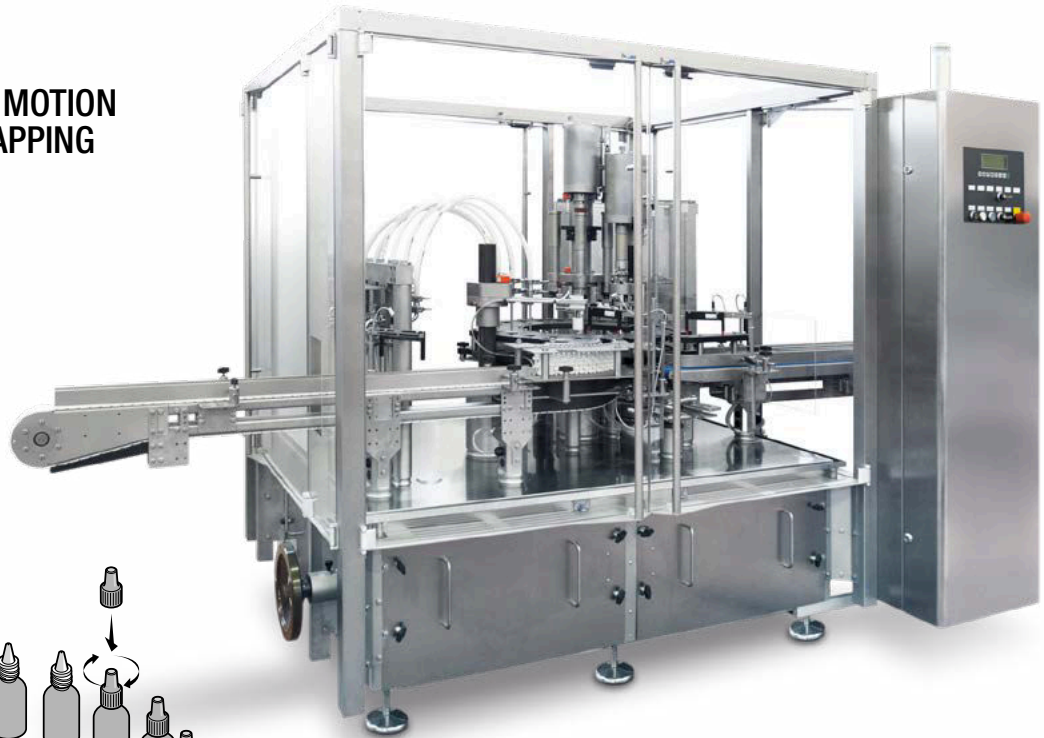
Size range	Min.	Max.
A [mm]	20	50
B [mm]	20	55
C [mm]	40	190
Ø [mm]	20	65

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LA

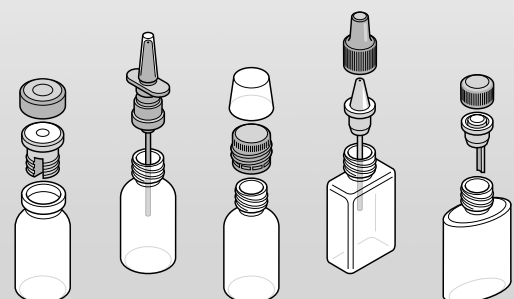
INTERMITTENT MOTION FILLING AND CAPPING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	90
Power absorption	kW	8
Air consumption	NI/1'	400
Air pressure	bar	5-6
Net weight	kg	~1400

Size range	Min.	Max.
A [mm]	20	70
B [mm]	15	80
Ø [mm]	15	80
C [mm]	35	180

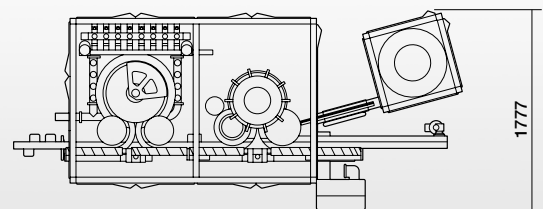
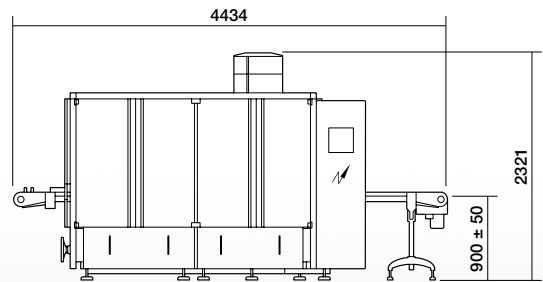
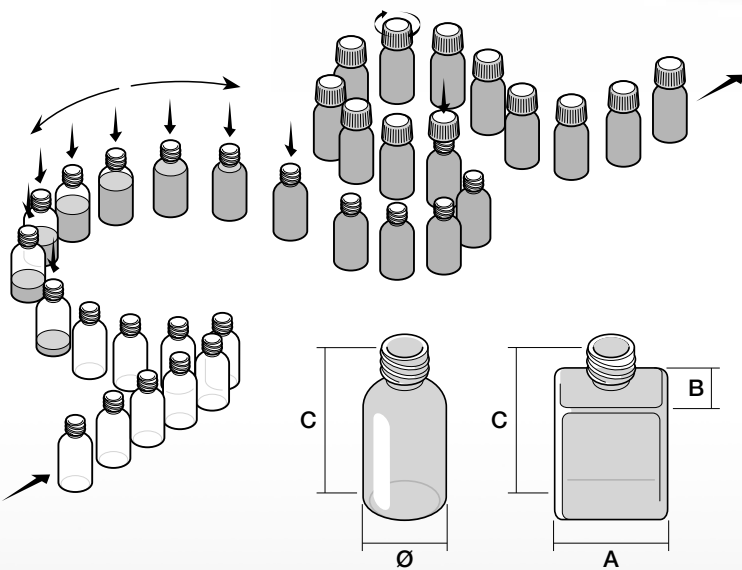


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L60

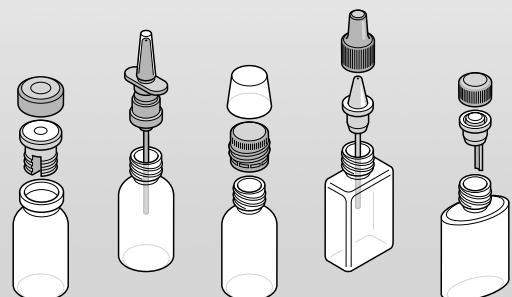
CONTINUOUS MOTION LIQUID FILLING AND CAPPING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	300
Power absorption	kW	6
Air consumption	NI/1'	20
Air pressure	bar	5-6
Net weight	kg	~1400

Size range	Min.	Max.
A [mm]	20	55
B [mm]	12	50
Ø [mm]	15	72
C [mm]	35	200

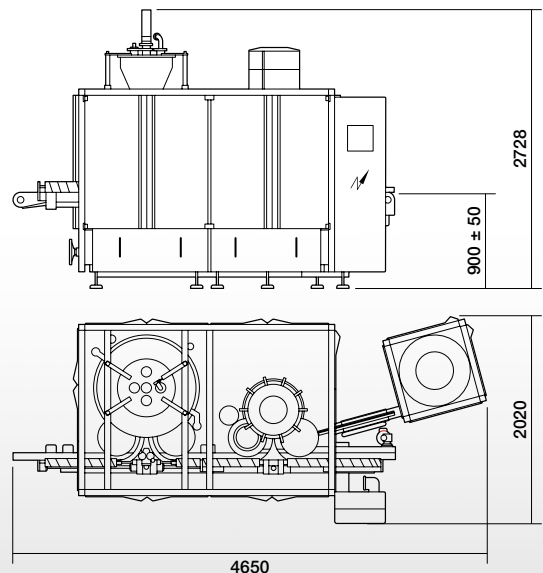
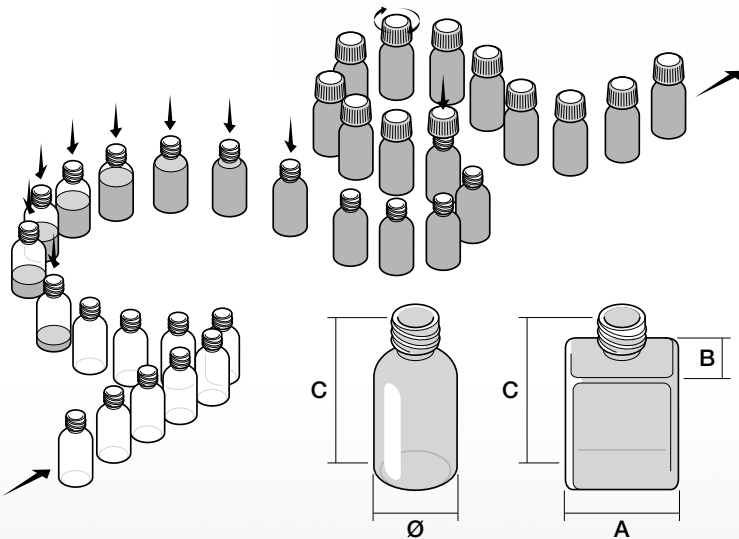


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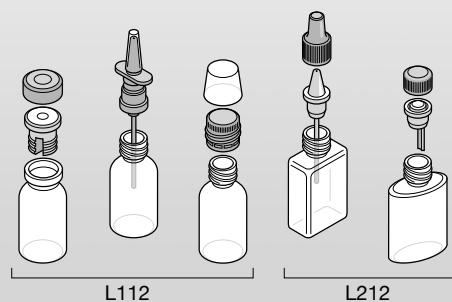
L112/L212

HIGH SPEED CONTINUOUS MOTION LIQUID FILLING AND CAPPING MACHINE



TECHNICAL DATA		L112	L212
Mechanical speed	STROKES/1'	80÷400	80÷400
Power absorption	kW	5	7
Air consumption	NI/1'	100	100
Air pressure	bar	5-6	5-6
Net weight	kg	~1400	~1950

Size range		Min. / Max.	Min. / Max.
A	[mm]	15 / 80	15 / 80
B	[mm]	15 / 80	15 / 80
Ø	[mm]	25 / 90	25 / 90
C	[mm]	35 / 200	35 / 200

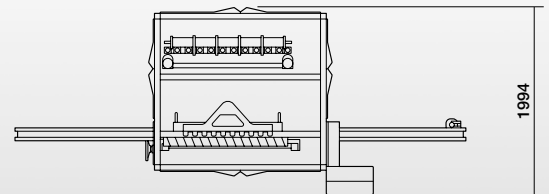
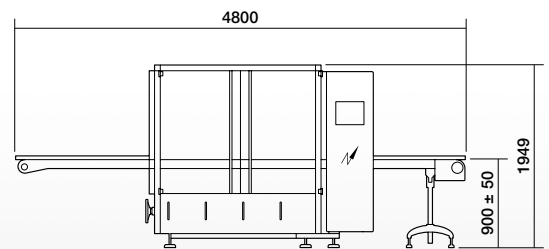
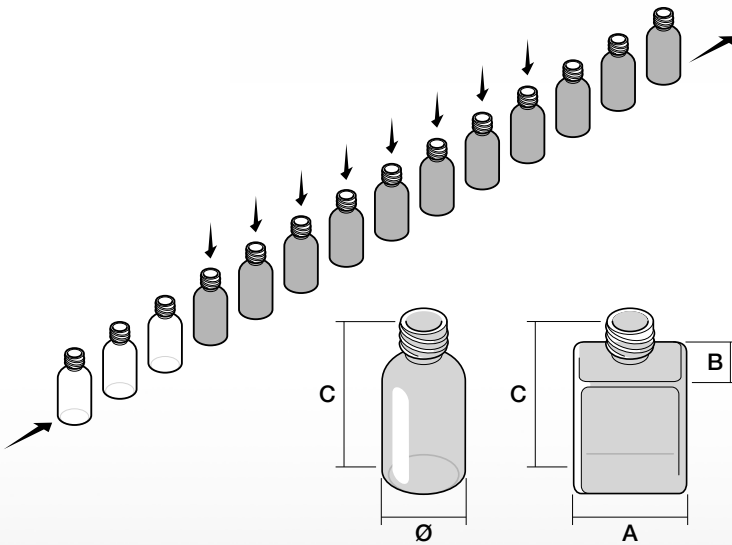


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LL

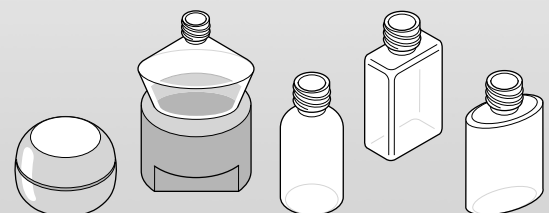
LINEAR INTERMITTENT MOTION FILLING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	150
Power absorption	kW	8
Air consumption	NI/1'	400
Air pressure	bar	5-6
Net weight	kg	~1400

Size range	Min.	Max.
A [mm]	20	74
B [mm]	20	105
Ø [mm]	20	105
C [mm]	40	180

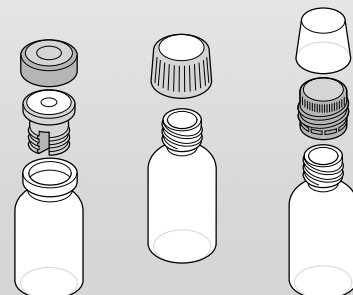
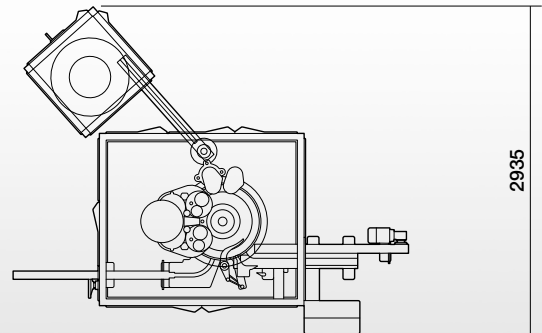
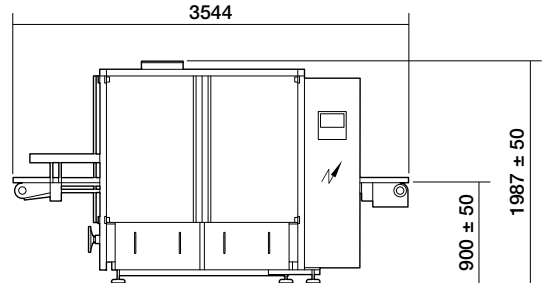
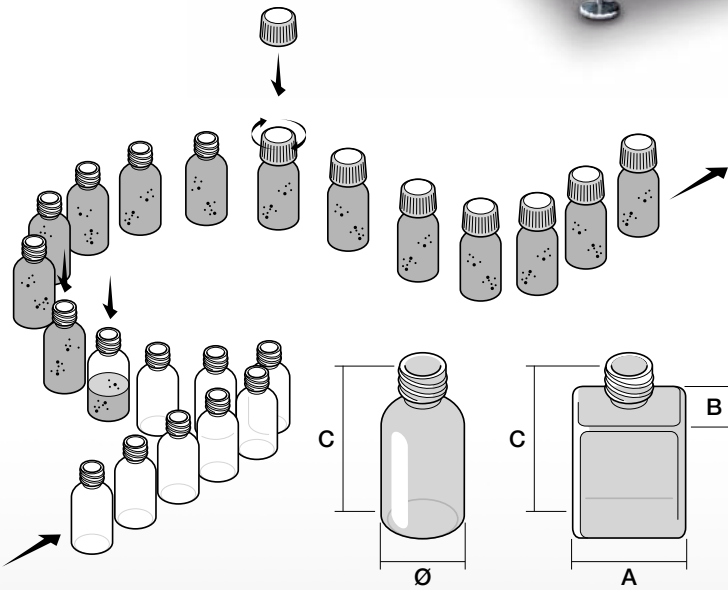


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DA

INTERMITTENT MOTION POWDER DOSING AND CAPPING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	80
Power absorption	kW	8
Air consumption	NI/1'	400
Air pressure	bar	5-6
Net weight	kg	~1400

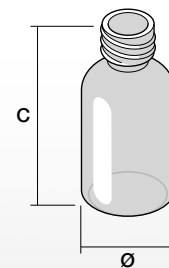
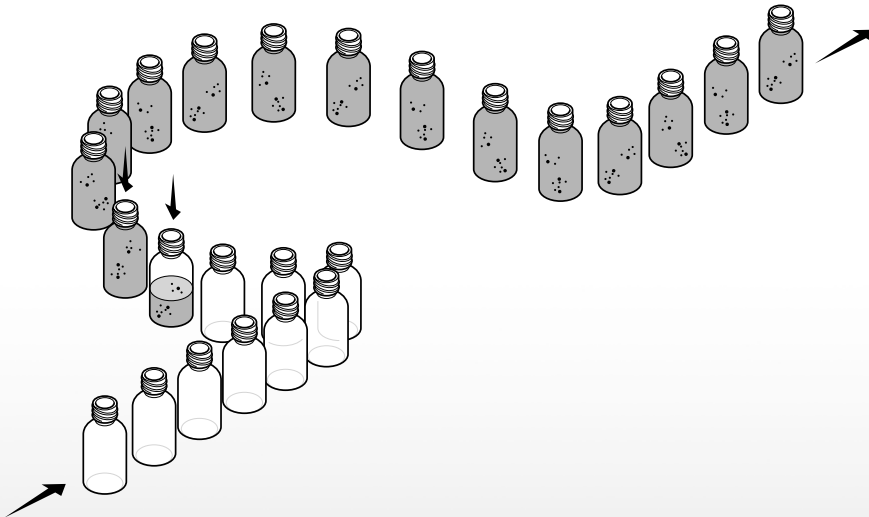
Size range	Min.	Max.
A [mm]	20	70
B [mm]	15	80
Ø [mm]	15	80
C [mm]	35	180

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D100

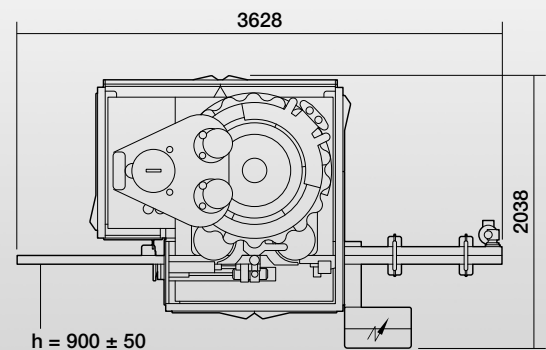
CONTINUOUS MOTION POWDER DOSING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	150
Power absorption	kW	~3
Net weight	kg	~2000

Size range	Min.	Max.
Ø [mm]	15	70
C [mm]	35	190

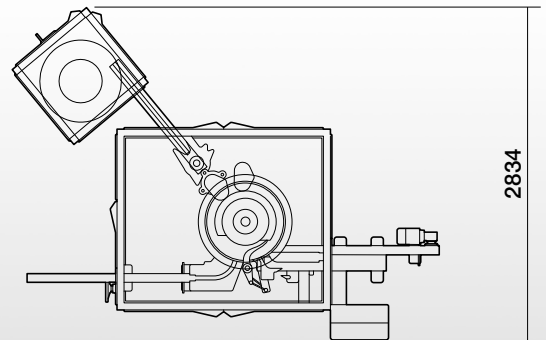
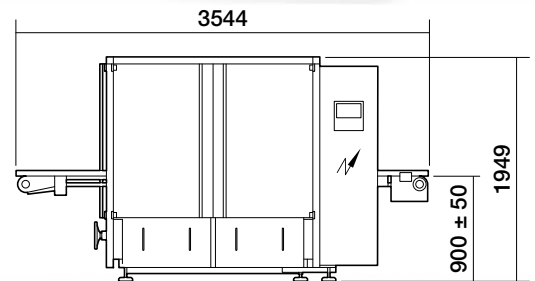
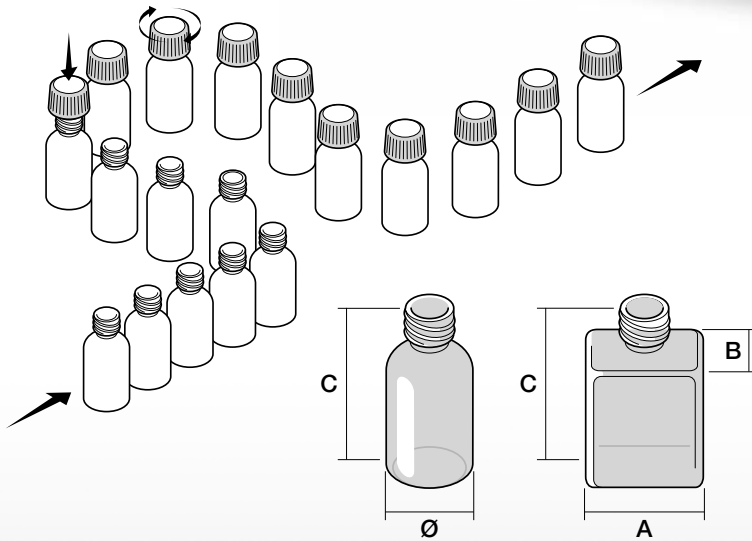


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TA

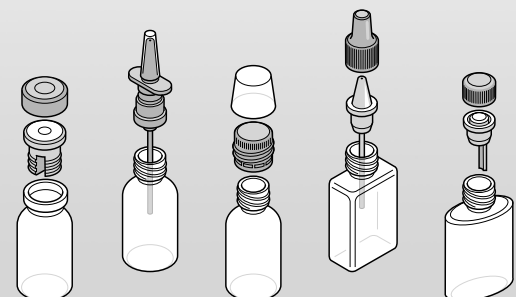
INTERMITTENT MOTION CAPPING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	90
Power absorption	kW	8
Air consumption	NI/1'	400
Air pressure	bar	5-6
Net weight	kg	~1400

Size range	Min.	Max.
A [mm]	20	70
B [mm]	15	80
Ø [mm]	15	80
C [mm]	35	180

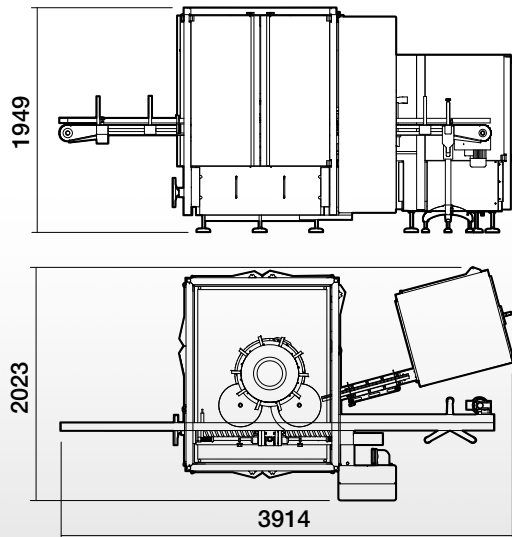
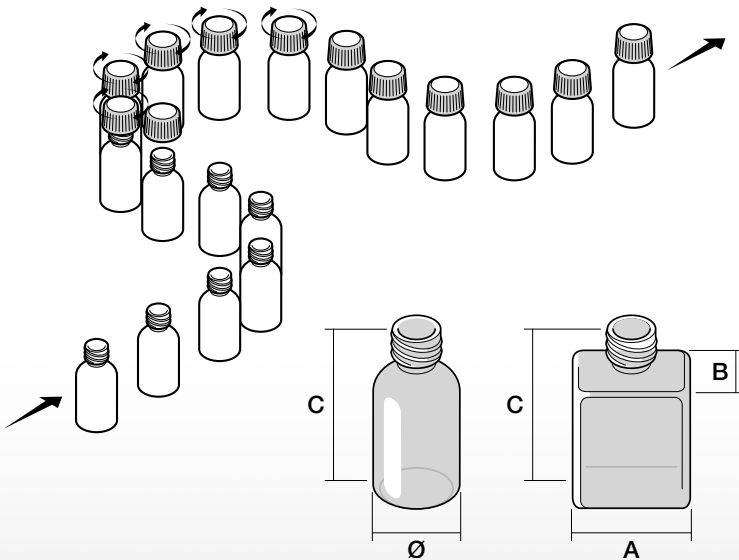


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T105/T205

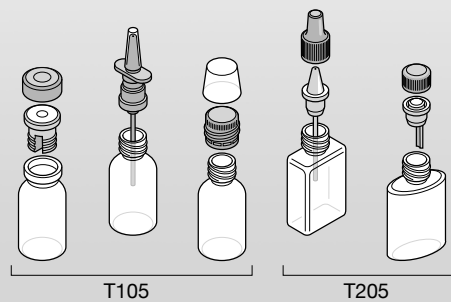
CONTINUOUS MOTION CAPPING MACHINE



TECHNICAL DATA

Mechanical speed	STROKES/1'	400
Power absorption	kW	7
Air pressure	bar	5-6
Net weight	kg	~1200

Size range	Min.	Max.
A [mm]	20	90
B [mm]	20	60
Ø [mm]	20	120
C [mm]	50	200

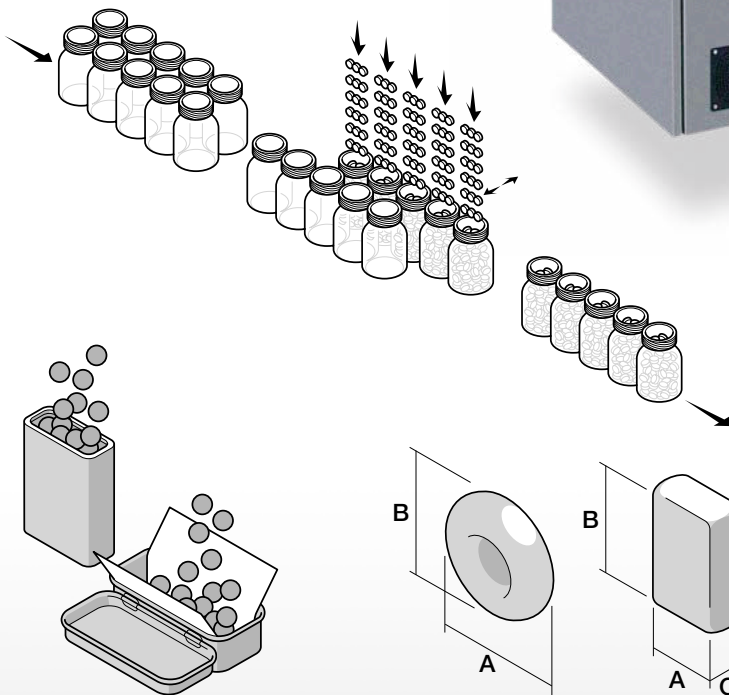


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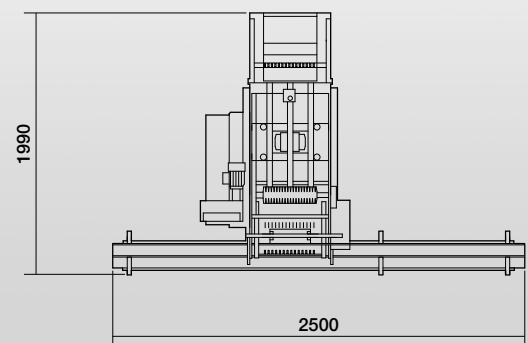
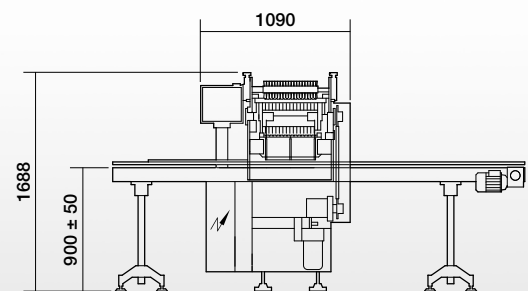


CM

SLAT-TYPE COUNTING MACHINE



TECHNICAL DATA		CM/30	CM/45
Production up to	TABLETS/1'	6000	9000
Power absorption	kW	2.5	2.5
Air consumption	NI/1'	16.9	16.9
Air pressure	bar	6	6
Net weight	kg	~600	~830
Size range		Min. / Max.	Min. / Max.
A	[mm]	5 / 20	5 / 20
B	[mm]	5 / 22	5 / 22
C	[mm]	2 / 12	2 / 12

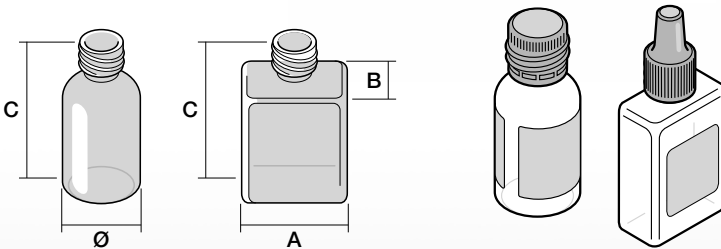
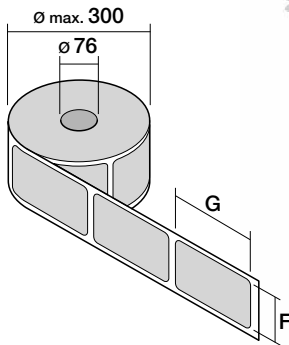


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EL

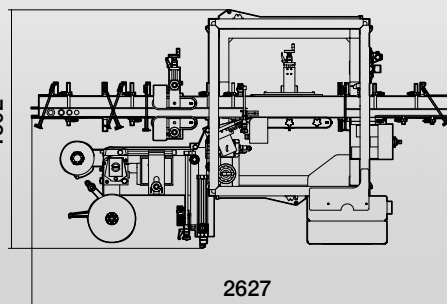
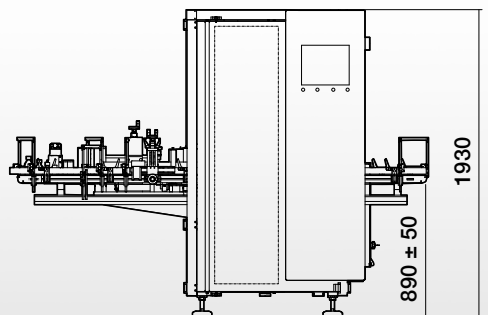
LINEAR MOTION LABELLER FOR SELF-ADHESIVE LABELS ON BOTTLES



TECHNICAL DATA

Mechanical speed	STROKES/1'	200
Power absorption	kW	2.5
Air consumption	NI/1'	1
Air pressure	bar	5÷6
Net weight	kg	~150

Size range	Min.	Max.
A [mm]	20	260
B [mm]	20	80
Ø [mm]	20	80
F [mm]	20	130
G [mm]	-	250

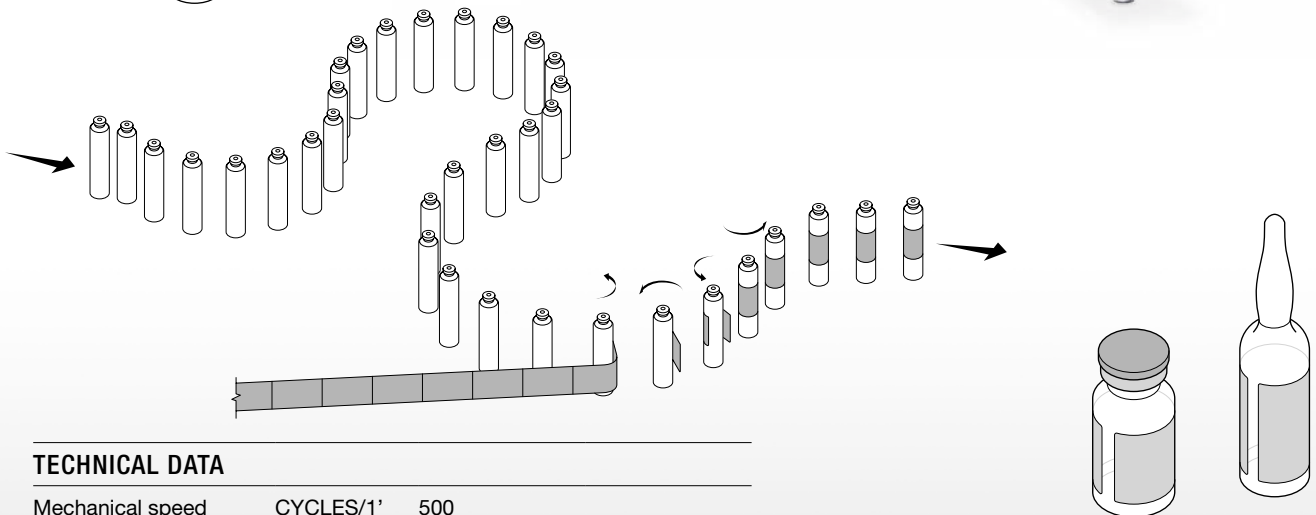
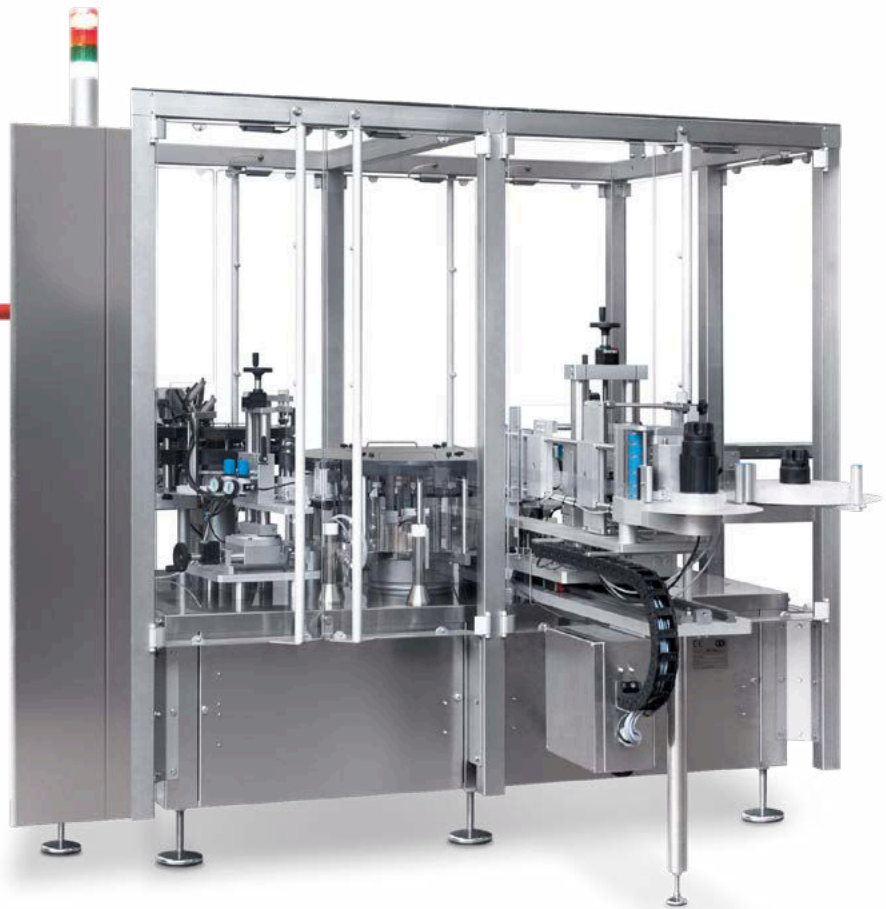
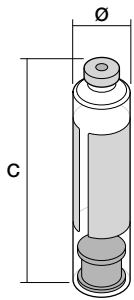
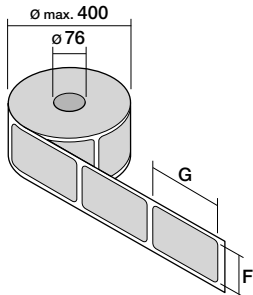


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LR

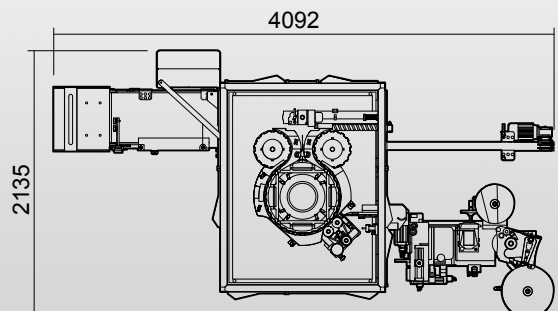
HIGH SPEED ROTARY LABELLER



TECHNICAL DATA

Mechanical speed	CYCLES/1'	500
Power absorption	kW	8
Air consumption	NI/1'	100
Air pressure	bar	6
Net weight	kg	~1600

Size range	Min.	Max.
Ø [mm]	8	40
C [mm]	20	130
F [mm]	10	60
G [mm]	13	100

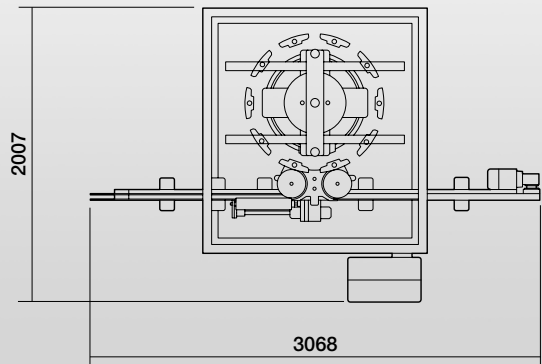
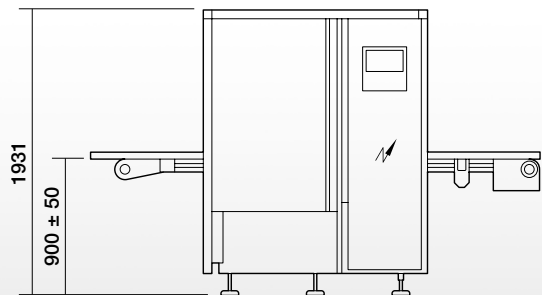
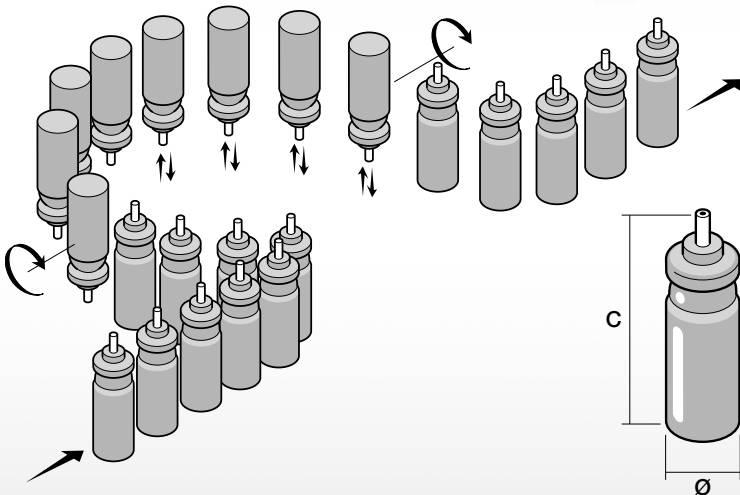
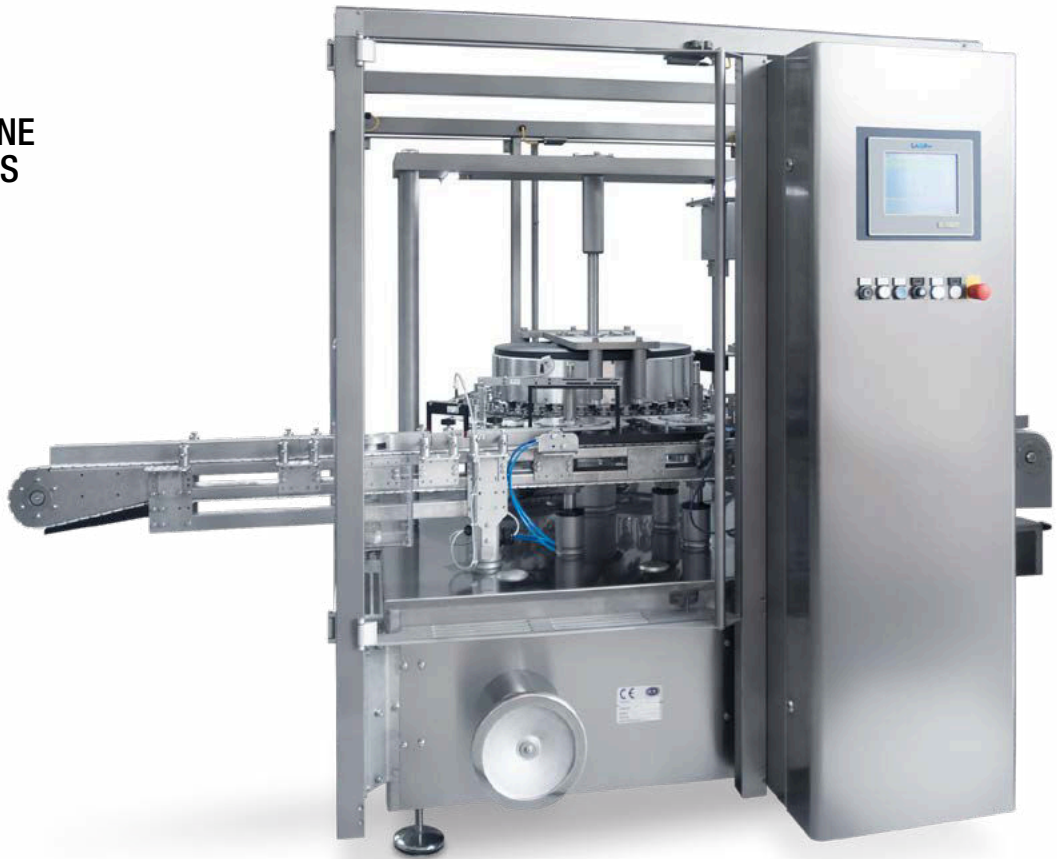


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MT

TESTING MACHINE FOR SPRAY CANS



TECHNICAL DATA

Mechanical speed	STROKES/1'	300
Power absorption	kW	3
Air consumption	NI/1'	100
Air pressure	bar	5-6
Net weight	kg	~1900

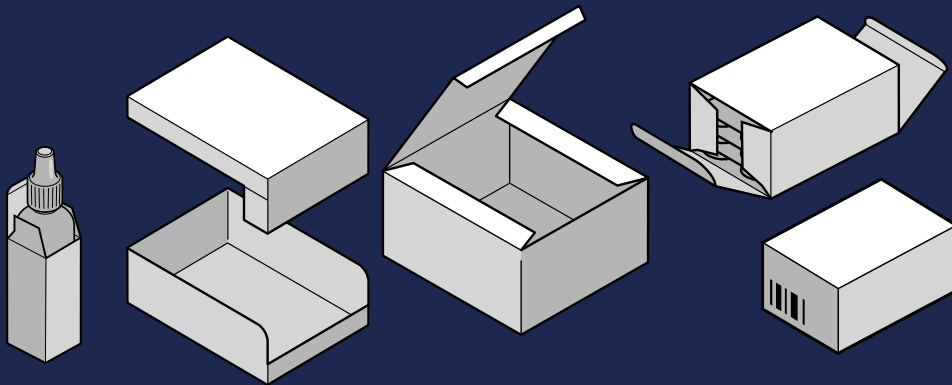
Size range	Min.	Max.
Ø [mm]	20	70
C [mm]	45	75

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**Cartoning, traceability
and tray forming machines.
Feeding manipulators.**

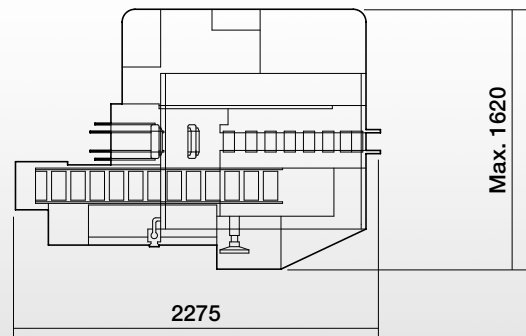
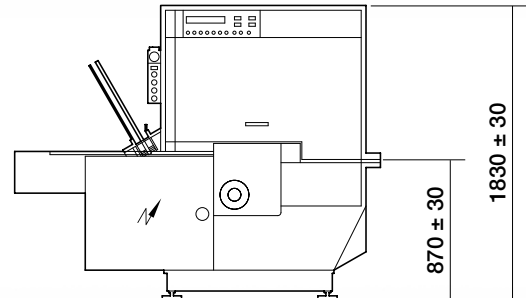
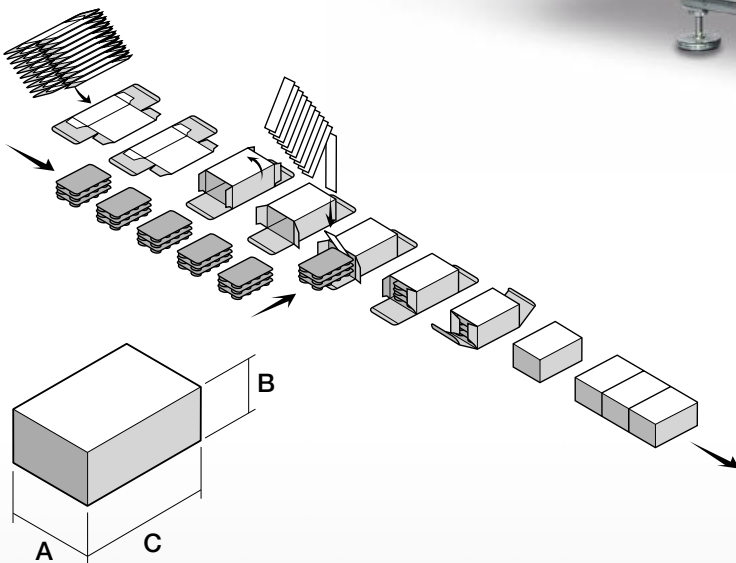


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PMM

INTERMITTENT MOTION HORIZONTAL CARTONER

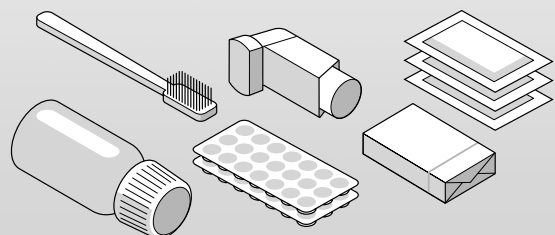


TECHNICAL DATA

Mechanical speed	STROKES/1'	25-140
Power absorption	kW	1.55*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~1050

* Hot-melt + 3.9

Size range		Min.	Max.
A	[mm]	15	90
B	[mm]	12	70
C	[mm]	50	200
A + B	[mm]	-	140

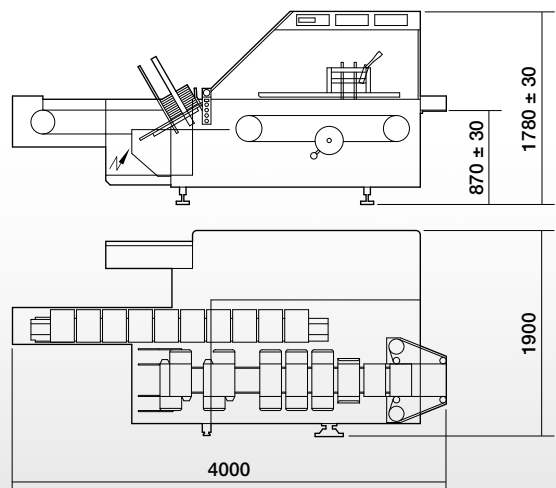
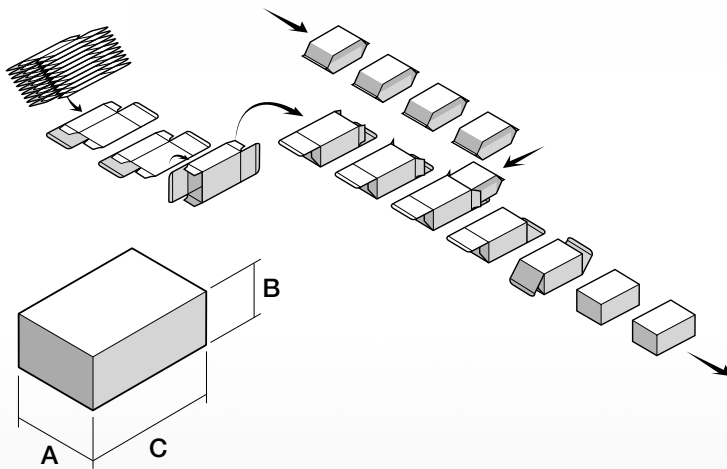


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PG

INTERMITTENT MOTION HORIZONTAL CARTONER FOR LARGE SIZE PRODUCTS

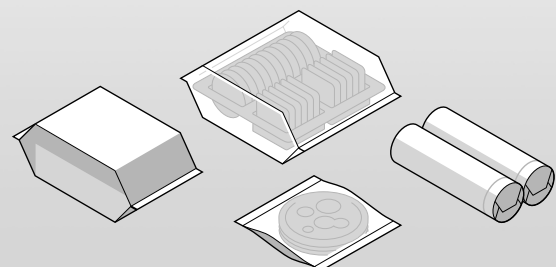


TECHNICAL DATA

Mechanical speed	STROKES/1'	15-60
Power absorption	kW	2.5*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~1800

* Hot-melt + 3.9

Size range		Min.	Max.
A	[mm]	50	200
B	[mm]	25	120
C	[mm]	105	300
A + B	[mm]	-	290

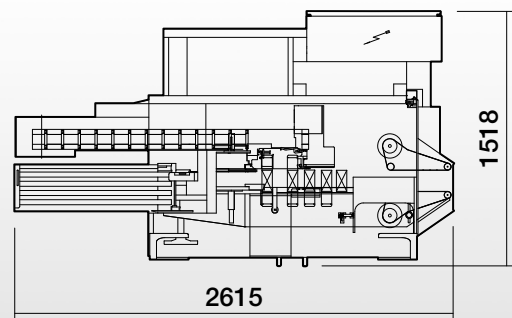
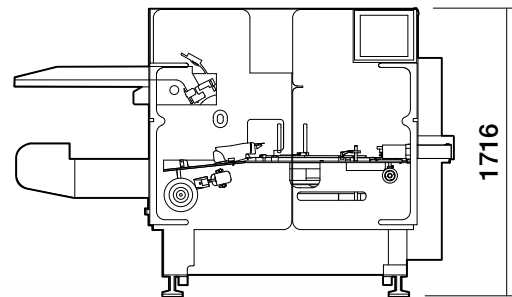
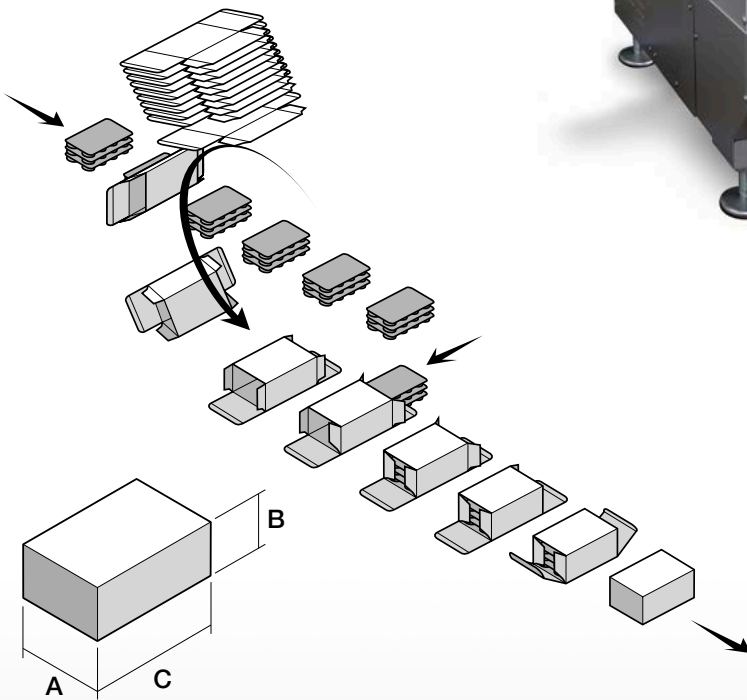


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PMX

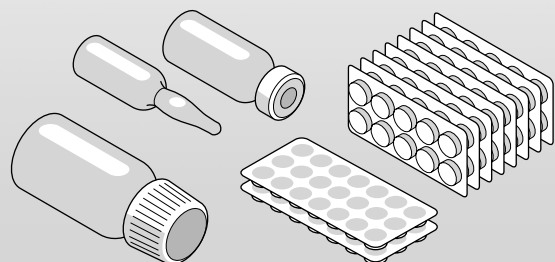
INTERMITTENT MOTION HORIZONTAL CARTONER



TECHNICAL DATA		PMX/1	PMX/2
Mechanical speed	STROKES/1'	25-150	25-110
Power absorption	kW	1.75*	1.75*
Air consumption	NI/1'	16.9	16.9
Air pressure	bar	5-6	5-6
Net weight	kg	~1230	~1230

* Hot-melt + 3.9

Size range		Min. / Max.	Min. / Max.
A	[mm]	15 / 80	20 / 125
B	[mm]	13 / 75	15 / 75
C	[mm]	65 / 200	65 / 200
A + B	[mm]	- / 170	- / 170

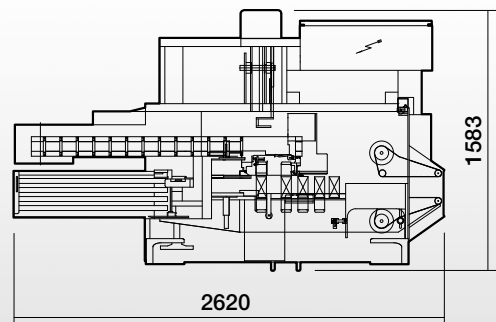
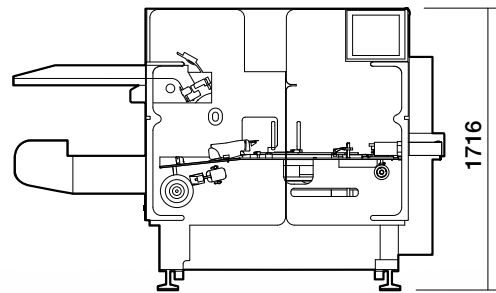
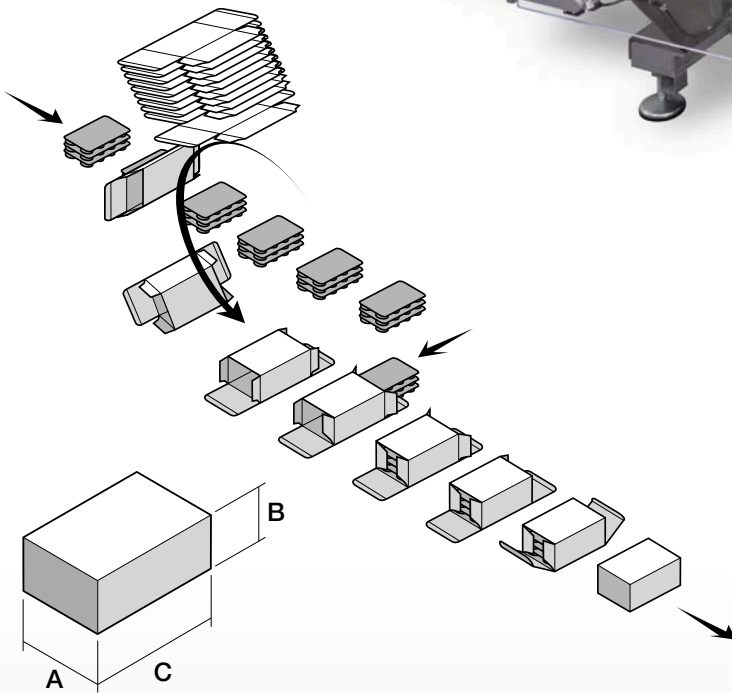


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PVX

HIGH SPEED INTERMITTENT MOTION HORIZONTAL CARTONER

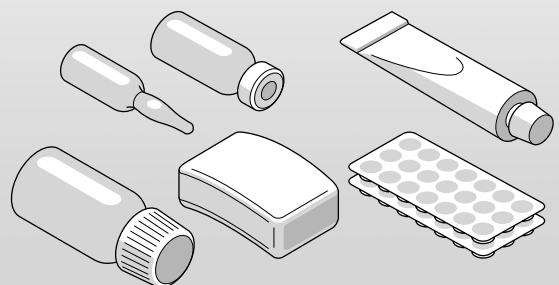


TECHNICAL DATA

Mechanical speed	STROKES/1'	165
Power absorption	kW	2.1*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~1230

* Hot-melt + 3.9

Size range		Min.	Max.
A	[mm]	27	80
B	[mm]	15	75
C	[mm]	65	160
A + B	[mm]	-	165

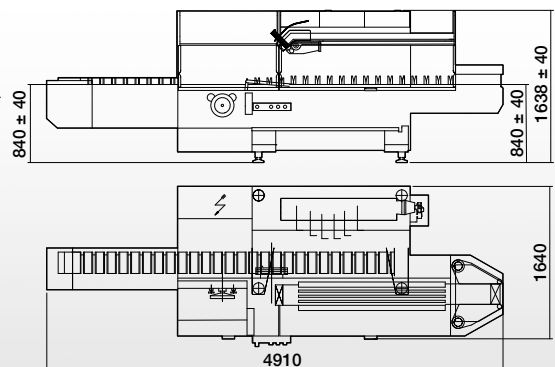
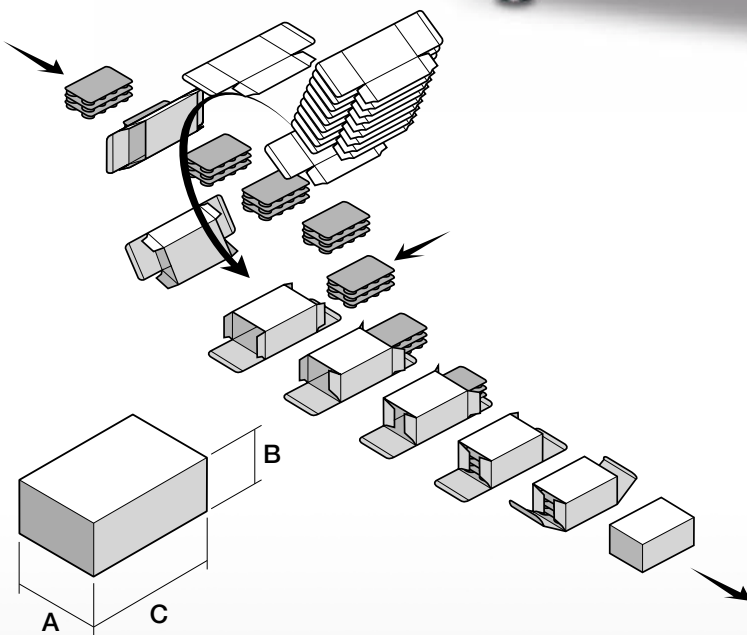


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HV

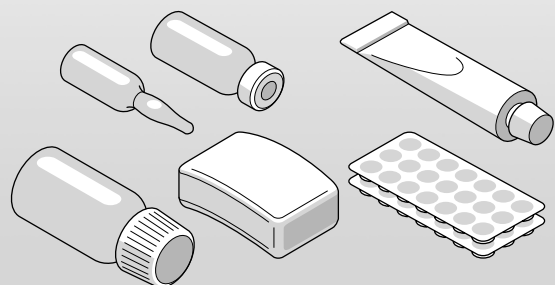
HIGH SPEED CONTINUOUS MOTION HORIZONTAL CARTONER



TECHNICAL DATA		HV/1	HV/2
Mechanical speed	STROKES/1'	400	260
Power absorption	kW	5.20*	5.20*
Air consumption	NI/1'	16.9	16.9
Air pressure	bar	5-6	5-6
Net weight	kg	~2500	~2500

* Hot-melt + 3.9

Size range		Min. / Max.	Min. / Max.
A	[mm]	20 / 95	20 / 160
B	[mm]	12 / 70	12 / 70
C	[mm]	70 / 230	70 / 230
A + B	[mm]	- / 165	- / 220

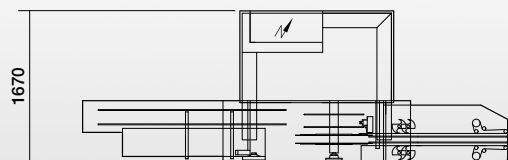
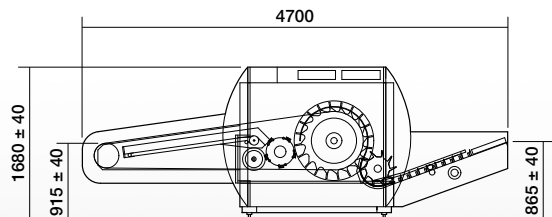
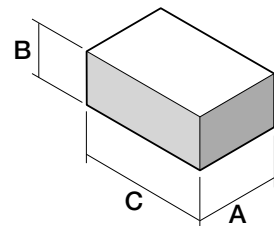
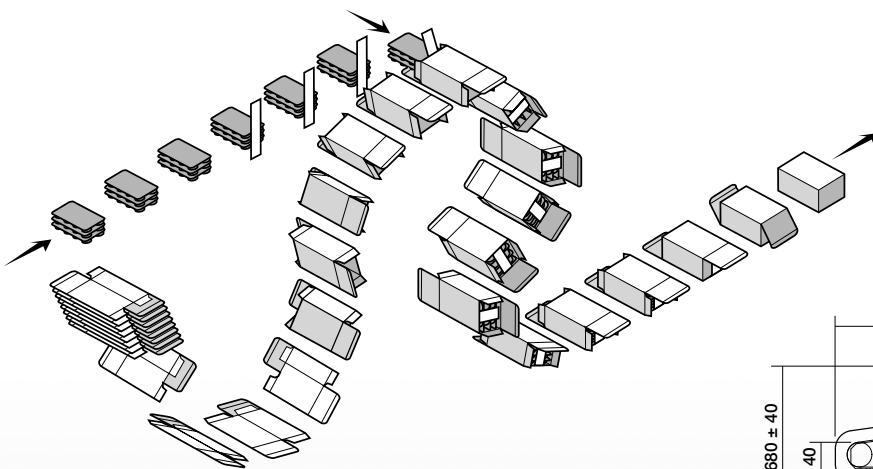


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K0

HIGH SPEED CONTINUOUS MOTION HORIZONTAL CARTONER

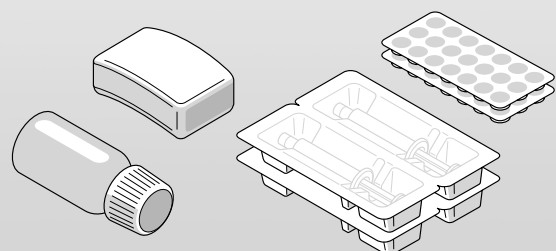


TECHNICAL DATA

Mechanical speed	STROKES/1'	800
Power absorption	kW	5.18*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~2900

* Hot-melt + 3.9

Size range		Min.	Max.
A	[mm]	35	65
B	[mm]	14	50
C	[mm]	65	130
A + B	[mm]	47	115

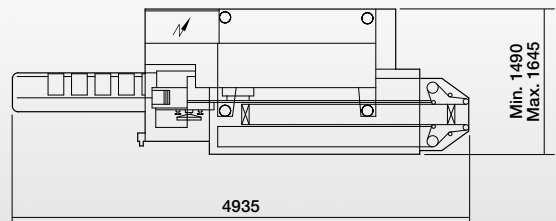
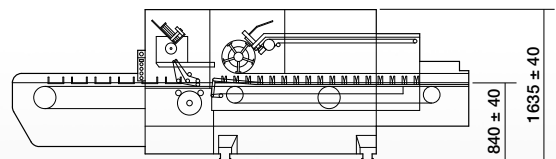
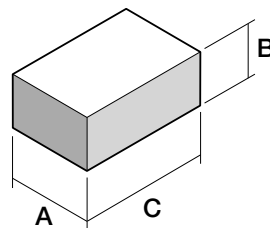
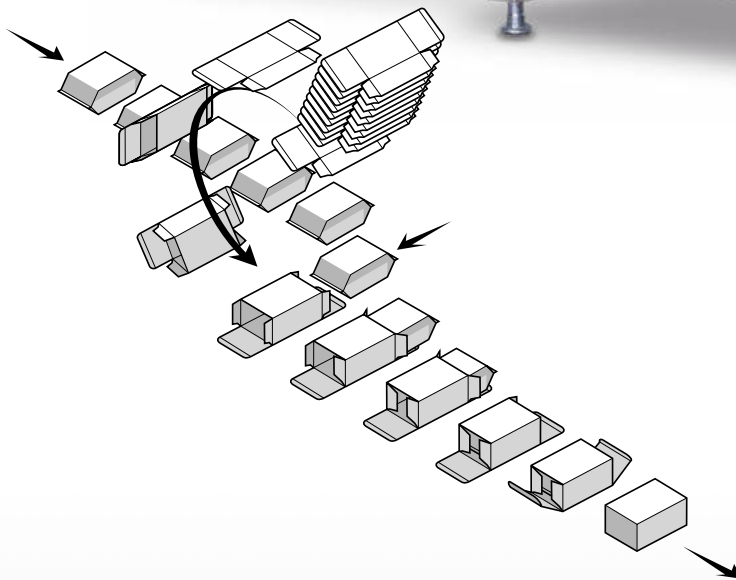


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HG

HIGH SPEED CONTINUOUS MOTION HORIZONTAL CARTONER FOR LARGE SIZE PRODUCTS



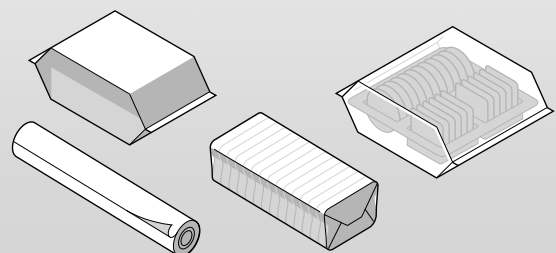
TECHNICAL DATA

Mechanical speed	STROKES/1'	200
Power absorption	kW	5.20*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~2600

* Hot-melt + 3.9

Size range		Min.	Max.
A	[mm]	50	200
B	[mm]	30	100*
C	[mm]	70	230
A + B	[mm]	-	230

*B tuck-in Max. 70 B hot-melt Max. 100

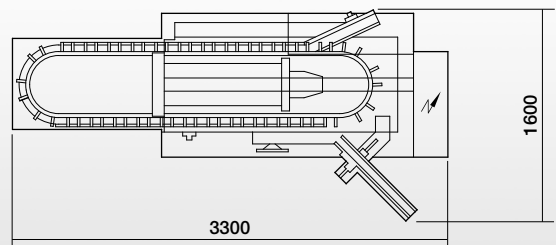
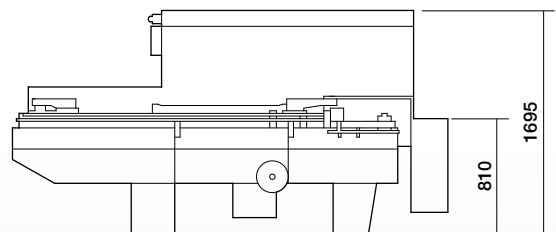
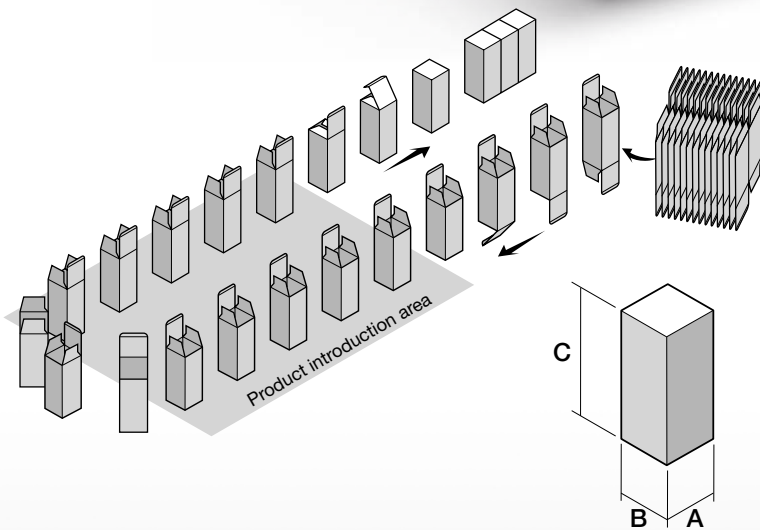


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AV

INTERMITTENT MOTION VERTICAL CARTONER FOR MANUAL OR AUTOMATIC FEEDING

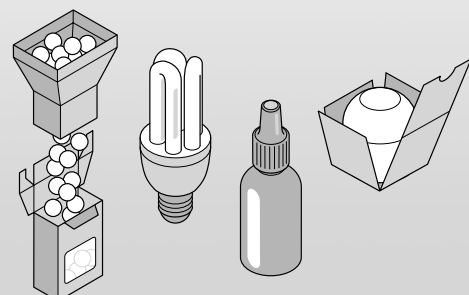


TECHNICAL DATA

Mechanical speed	STROKES/1'	15-70
Power absorption	kW	1.2*
Air consumption	NI/1'	16.9
Air pressure	bar	5-6
Net weight	kg	~1200

* Hot-melt + 3.9

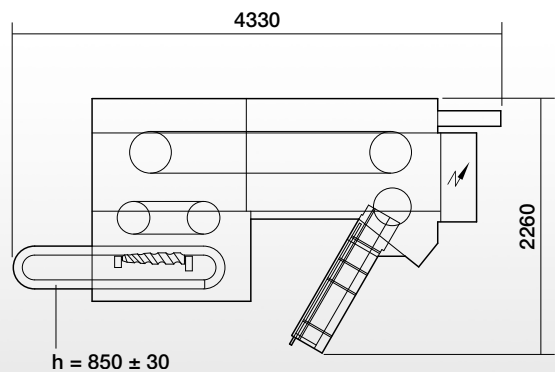
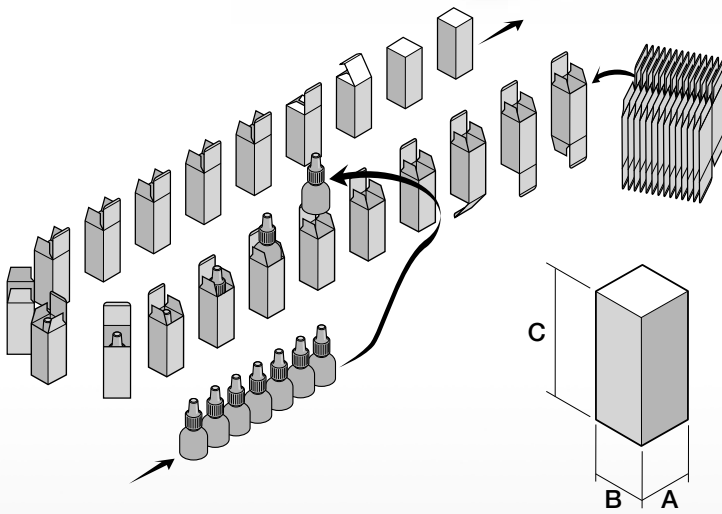
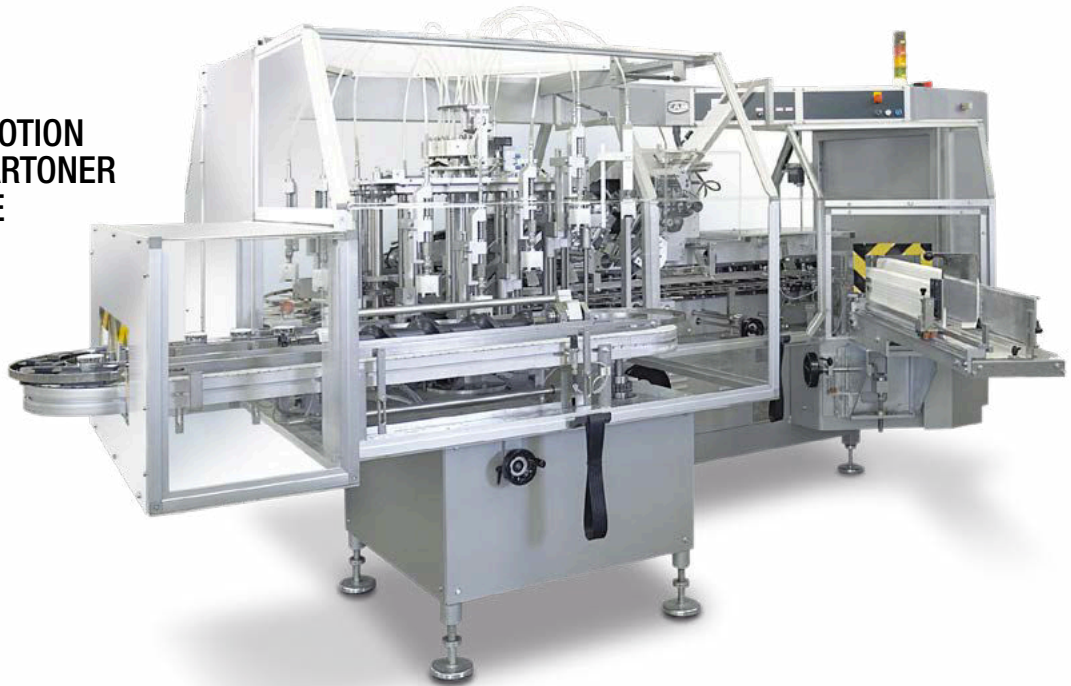
Size range		Min.	Max.
A	[mm]	20	115
B	[mm]	15	75
C	[mm]	50	195
A + B	[mm]	-	190





AVC

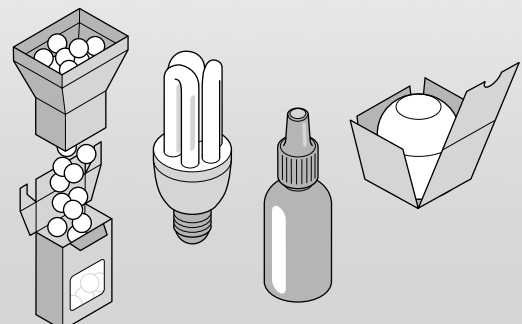
HIGH SPEED CONTINUOUS MOTION HORIZONTAL CARTONER FOR LARGE SIZE PRODUCTS



TECHNICAL DATA		AVC/1	AVC/2
Mechanical speed	STROKES/1'	300	200
Power absorption	kW	3.8*	3.8*
Air consumption	NI/1'	16.9	16.9
Air pressure	bar	5-6	5-6
Net weight	kg	~2000	~2000

* Hot-melt + 3.9

Size range		Min. / Max.	Min. / Max.
A	[mm]	30 / 65	35 / 115
B	[mm]	30 / 80	30 / 100
C	[mm]	55 / 250	55 / 250
A + B	[mm]	- / 145	- / 195

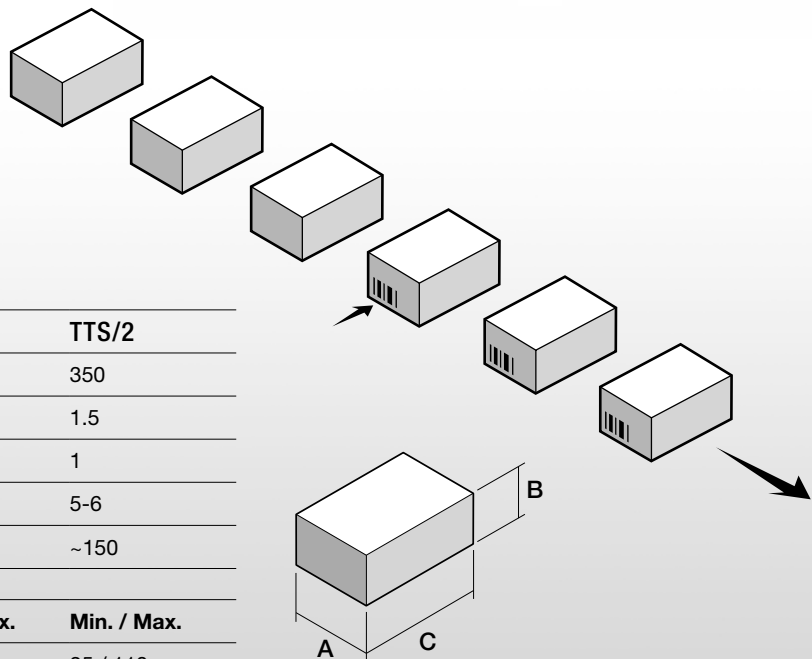
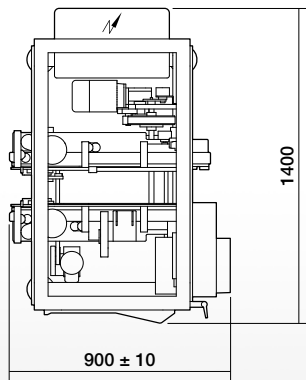
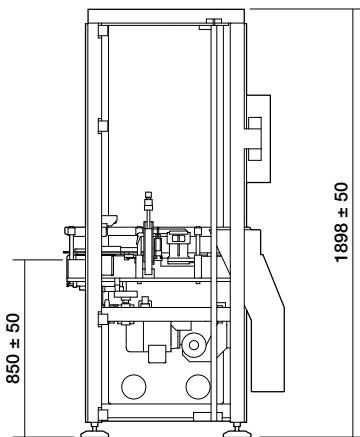


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TTS

TRACKING CODE APPLICATION AND READING MACHINE



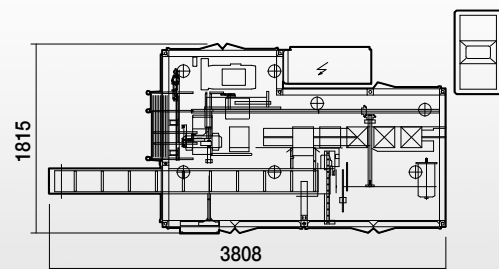
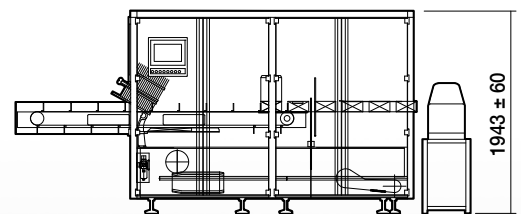
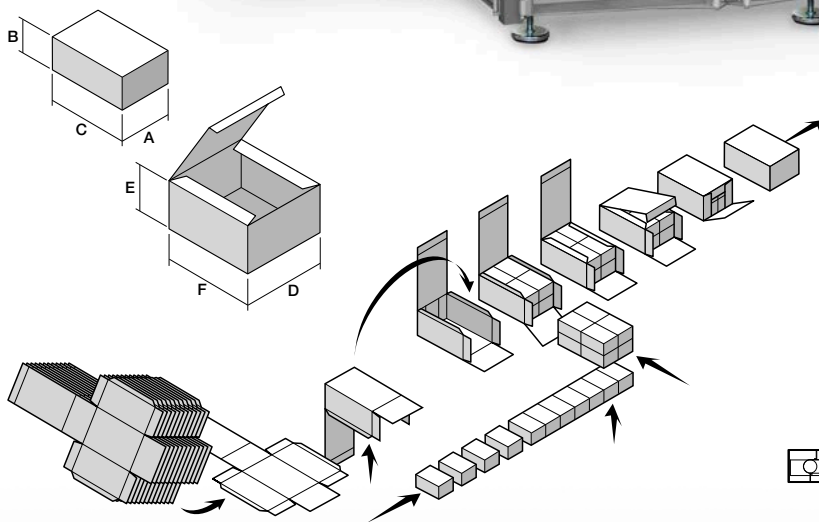
TECHNICAL DATA		TTS/1	TTS/2
Mechanical speed	STROKES/1'	350	350
Power absorption	kW	1.5	1.5
Air consumption	NI/1'	1	1
Air pressure	bar	5-6	5-6
Net weight	kg	~150	~150
Size range		Min. / Max.	Min. / Max.
A	[mm]	25 / 85	25 / 110
B	[mm]	20 / 70	20 / 70
C	[mm]	70 / 200	70 / 200

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NCX

TRAY FORMING MACHINE

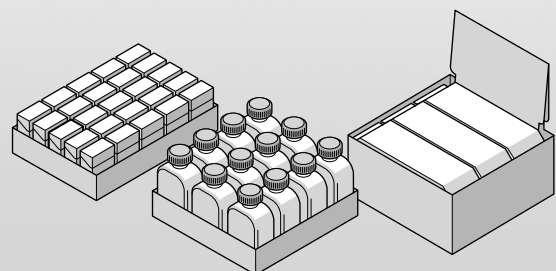


TECHNICAL DATA

Mechanical speed	STROKES/1'	50
Power absorption	kW	3.5
Air consumption	NI/1'	150
Air pressure	bar	5-6
Net weight	kg	~1600

Size range		Min.	Max.
A	[mm]	15	200
B	[mm]	10	100
C	[mm]	50	150
D	[mm]	50	200
E	[mm]	35*	100
F	[mm]	50	200

*45 (Tray with lid) 35 (Tray without lid)

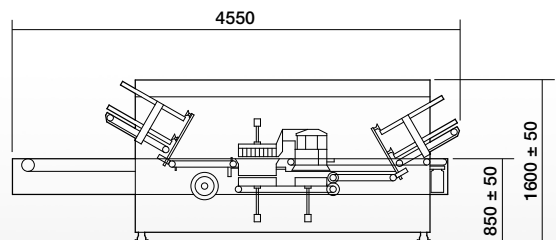
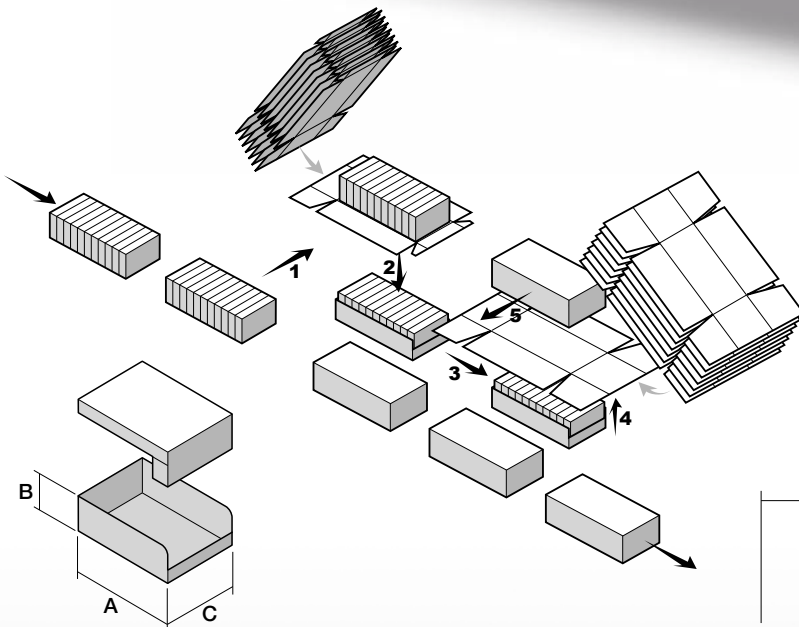


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FCE

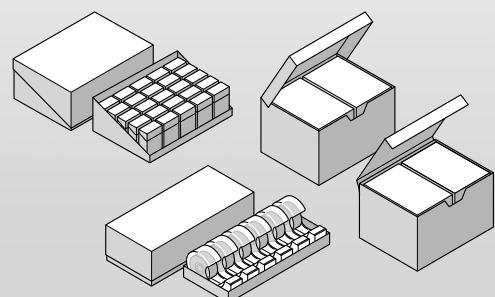
TRAY AND LID FORMING MACHINE



TECHNICAL DATA		FCE	FCE/M
Mechanical speed	STROKES/1'	20	20
Power absorption	kW	5*	5*
Air consumption	NI/1'	1.750	1.750
Air pressure	bar	5-6	6-8
Net weight	kg	~2800	~3100

* Hot-melt + 8.5

Size range		Min. / Max.	Min. / Max.
A	[mm]	120 / 360	120 / 400
B	[mm]	25 / 100	25 / 200
C	[mm]	100 / 250	100 / 320
A + 2B	[mm]	- / 500	- / 600
C + 2B	[mm]	- / 420	- / 500

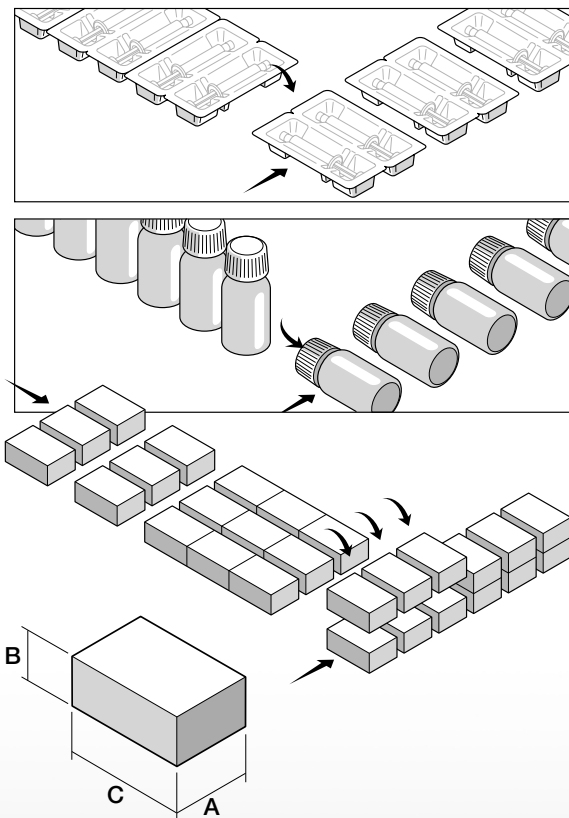


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SP

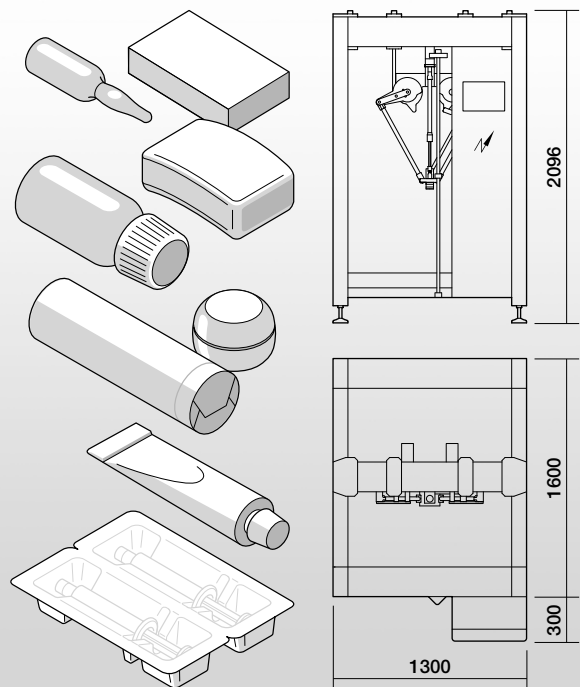
ROBOT MANIPULATOR FOR INTERMITTENT MOTION MACHINES



TECHNICAL DATA

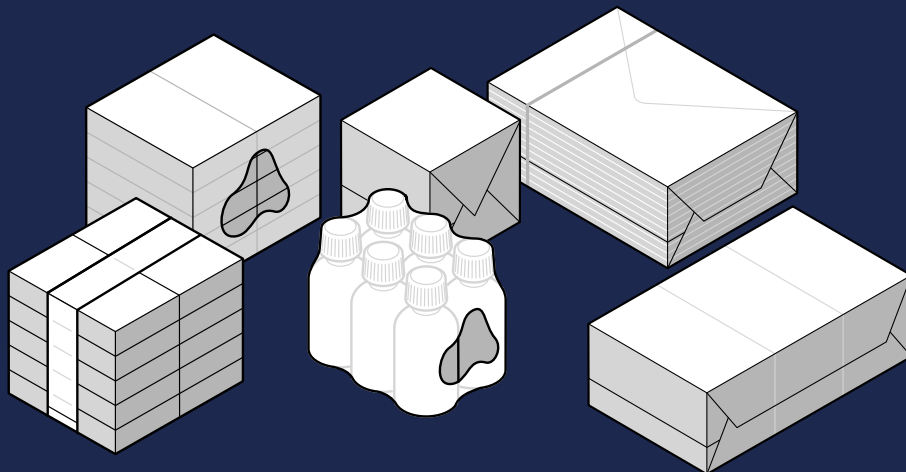
Mechanical speed	STROKES/1'	60 (ISO)
Power absorption	kW	4
Air consumption	NI/Cycle	6
Air pressure	bar	4-6
Net weight	kg	~950

Size range		Min.	Max.
A	[mm]	20	160
B	[mm]	12	70
C	[mm]	70	230
A + B	[mm]	-	200





Overwrapping and bundling machines.

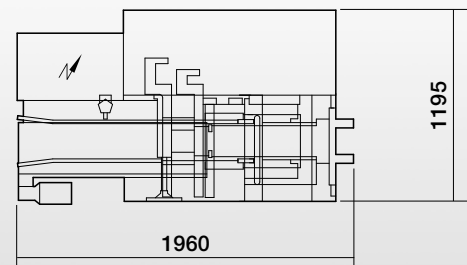
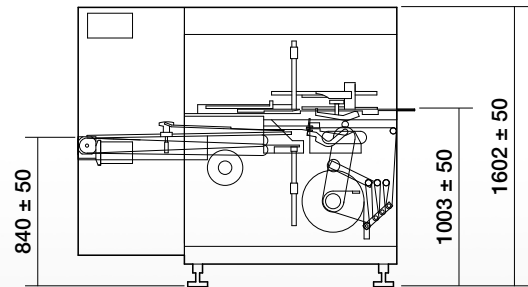
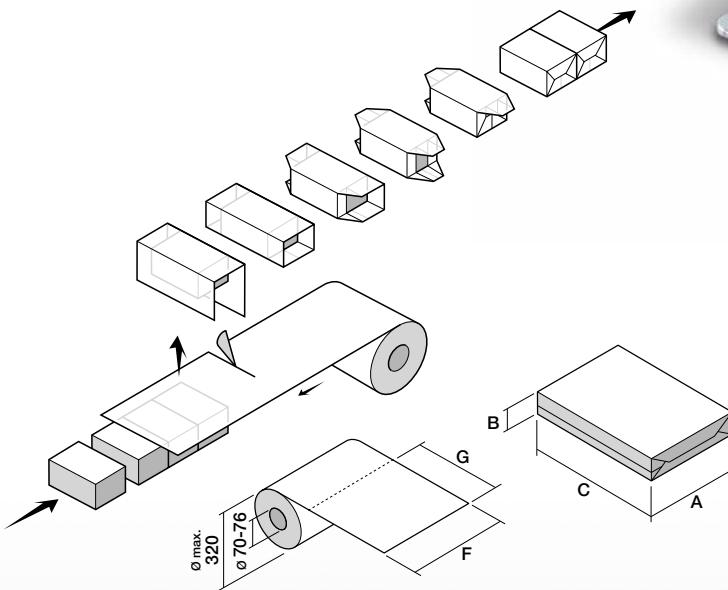


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AP

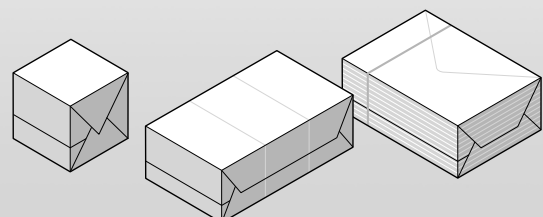
INTERMITTENT MOTION OVERWRAPPER WITH PLATE OR BELT SEALING



TECHNICAL DATA

Mechanical speed	STROKES/1'	28-70
Power absorption	kW	3.33
Air consumption	NI/1'	300
Air pressure	bar	5-6
Net weight	kg	~1150

Size range		Min.	Max.
A	[mm]	35	150
B	[mm]	15	80
C	[mm]	60	300
F	[mm]	100	400
G	[mm]	150	450

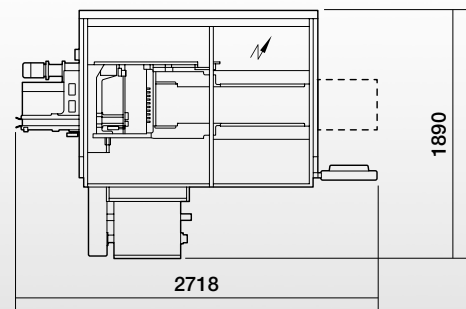
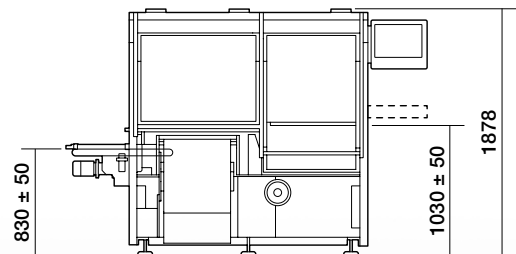
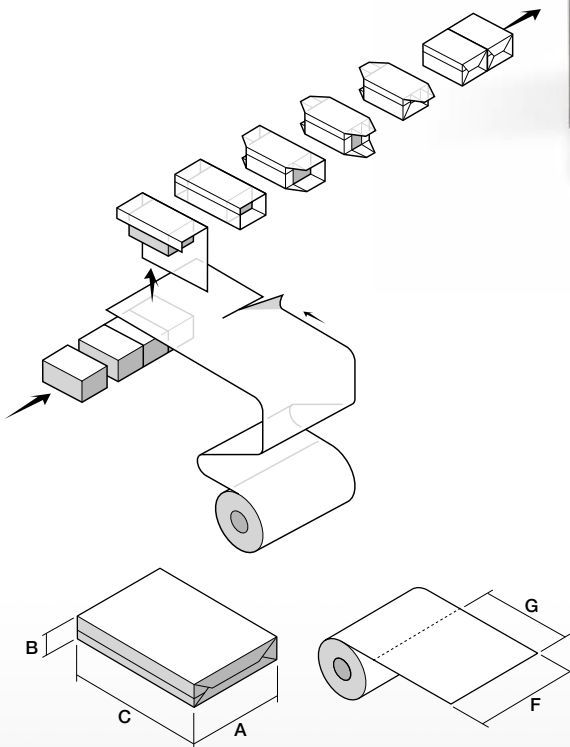


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RB/RD

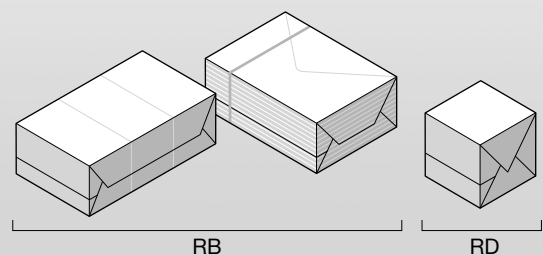
**INTERMITTENT MOTION
OVERWRAPPER
WITH BELT (RB)
OR PLATE (RD)
SEALING**



TECHNICAL DATA

Mechanical speed	STROKES/1'	20-130
Power absorption	kW	3.5
Air consumption	NI/1'	16.9
Net weight	kg	~1500

Size range	Min.	Max.
A [mm]	40	160
B [mm]	15	85
C [mm]	60	260
F [mm]	120	500
G [mm]	85	302

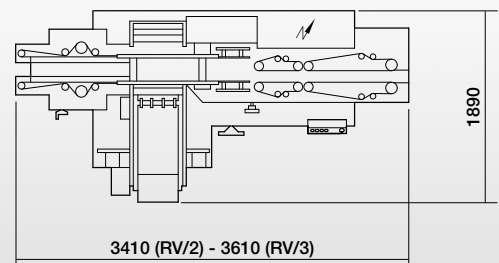
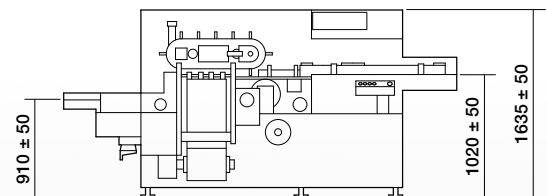
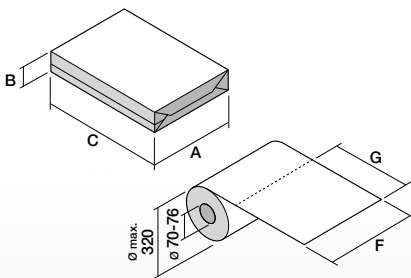
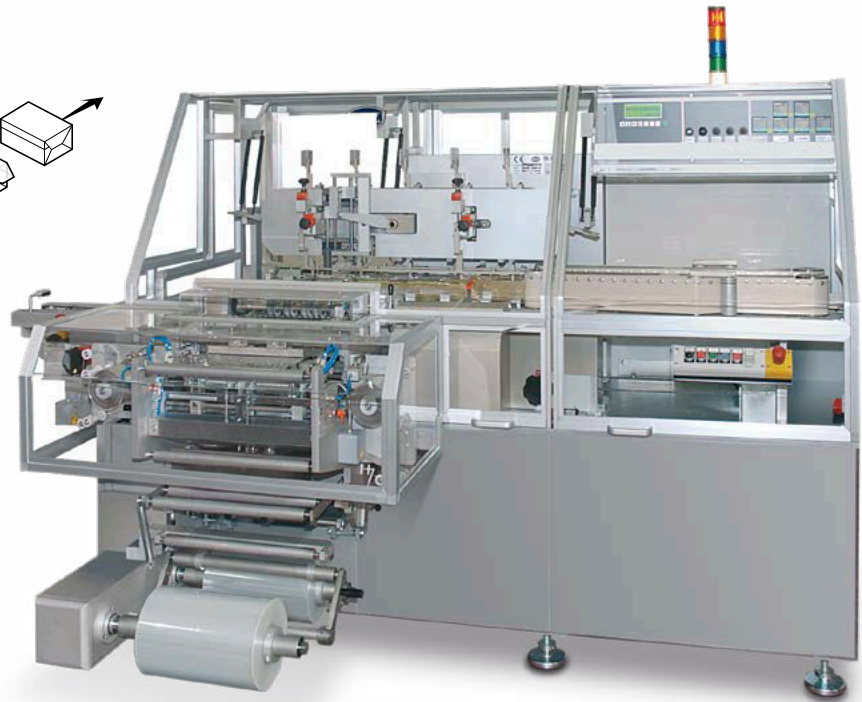
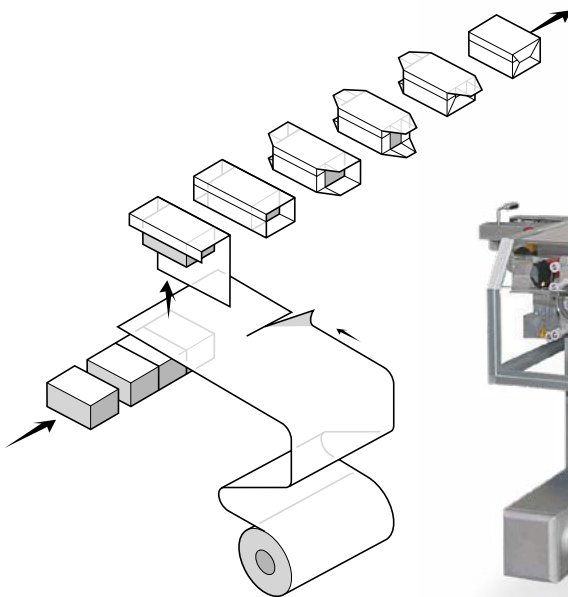


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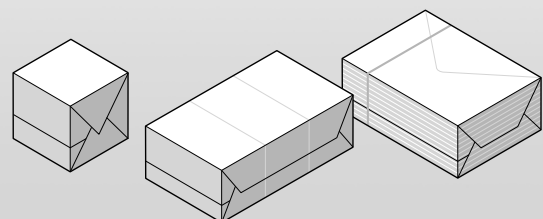
RV

HIGH SPEED CONTINUOUS MOTION OVERWRAPPER WITH BELT SEALING



TECHNICAL DATA		RV/2	RV/3
Mechanical speed	STROKES/1'	230	150
Power absorption	kW	6	6
Air consumption	NI/1'	50	50
Air pressure	bar	6	6
Net weight	kg	~1900	~2000

Size range		Min. / Max.	Min. / Max.
A	[mm]	40 / 110	60 / 190
B	[mm]	10 / 50	50 / 85
C	[mm]	60 / 200	90 / 220
F	[mm]	90 / 335	130 / 580
G	[mm]	80 / 280	140 / 330

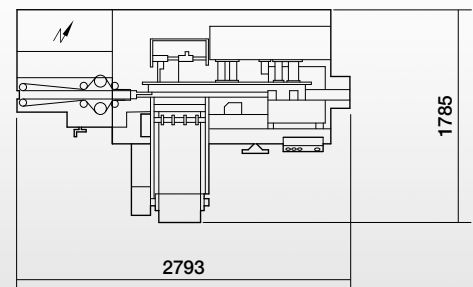
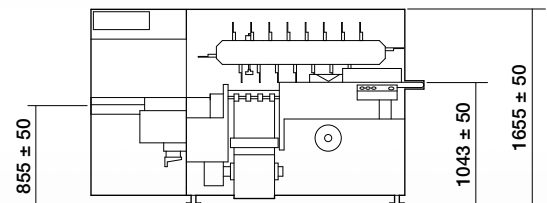
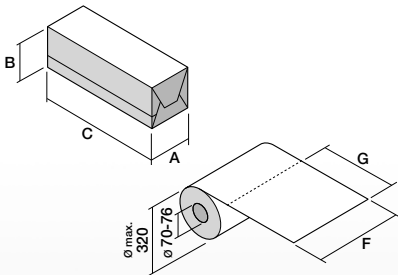
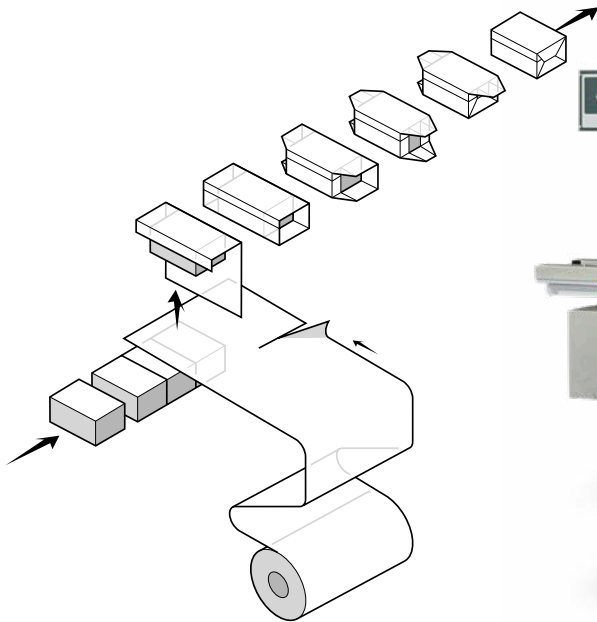


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RVP

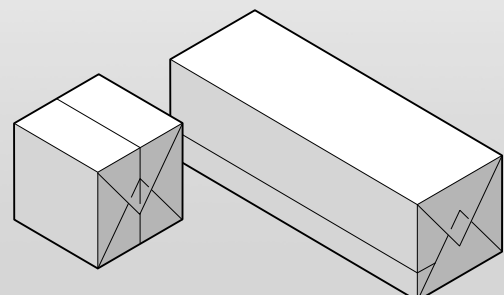
HIGH SPEED CONTINUOUS MOTION OVERWRAPPER WITH PLATE SEALING



TECHNICAL DATA

Mechanical speed	STROKES/1'	150
Power absorption	kW	6
Air consumption	NI/1'	50
Air pressure	bar	6
Net weight	kg	~1950

Size range		Min.	Max.
A	[mm]	35	120
B	[mm]	15	90
C	[mm]	60	190
F	[mm]	90	335
G	[mm]	80	280

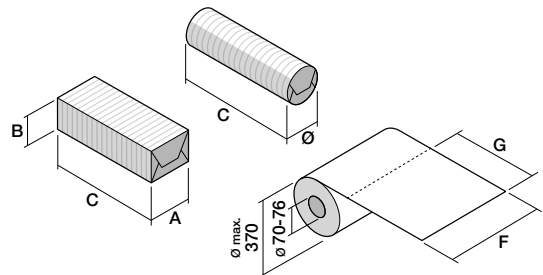
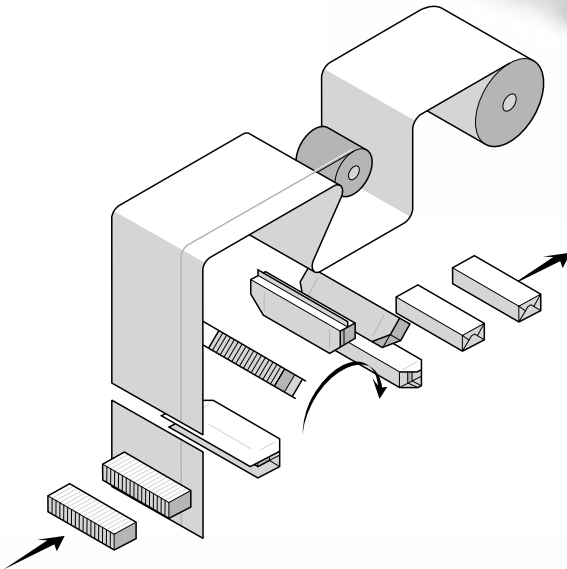


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KG

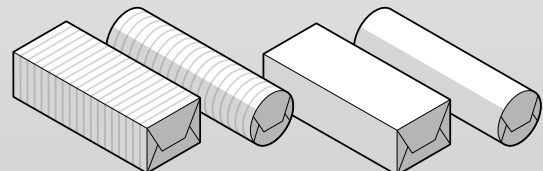
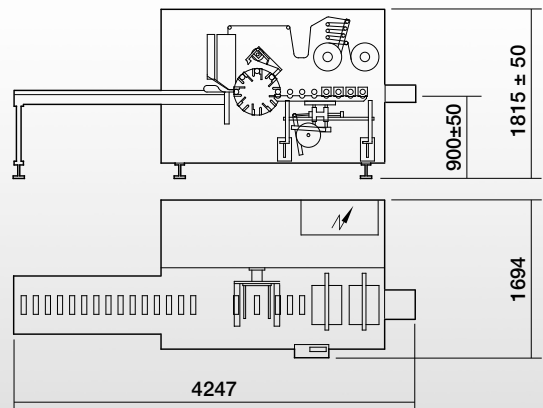
OVERWRAPPER FOR BISCUITS BY X-FOLD OR HERMETIC SEALING



TECHNICAL DATA

Mechanical speed	STROKES/1'	80
Power absorption	kW	8
Air consumption	NI/1'	17
Air pressure	bar	6
Net weight	kg	~3600

Size range		Min.	Max.
A	[mm]	40	100
B	[mm]	40	85
Ø	[mm]	40	85
C	[mm]	100	340
F	[mm]	120	420
G	[mm]	150	400
B + C	[mm]	-	380

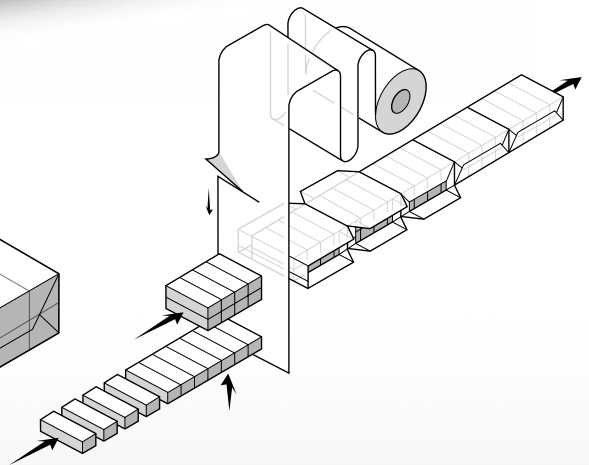
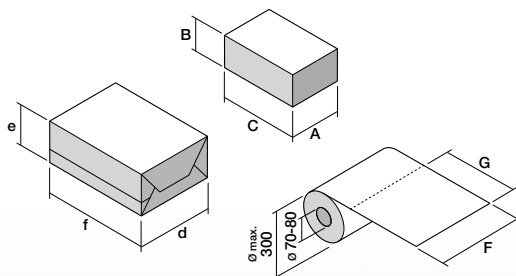
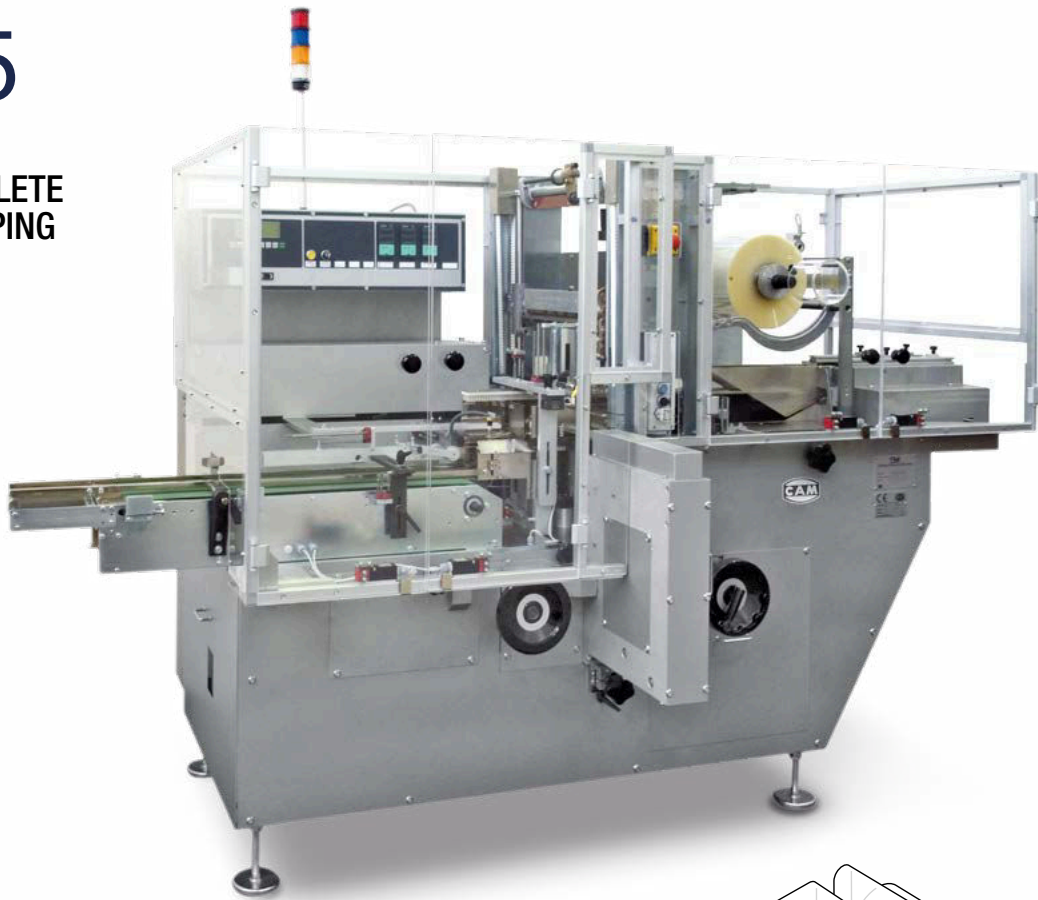


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G35

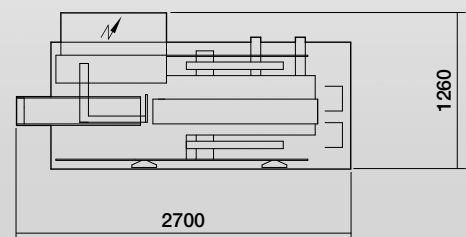
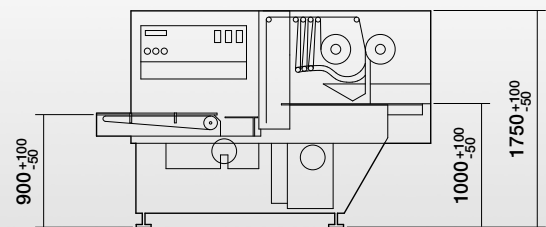
BUNDLER WITH COMPLETE OVERWRAPPING



TECHNICAL DATA

Mechanical speed	STROKES/1'	35
Power absorption	kW	3.5
Net weight	kg	~1350

Size range		Min.	Max.
A	[mm]	20	200
B	[mm]	12	85
C	[mm]	50	200
d	[mm]	50	300
e	[mm]	30	150
f	[mm]	50	300
F	[mm]	95	460
G	[mm]	210	925

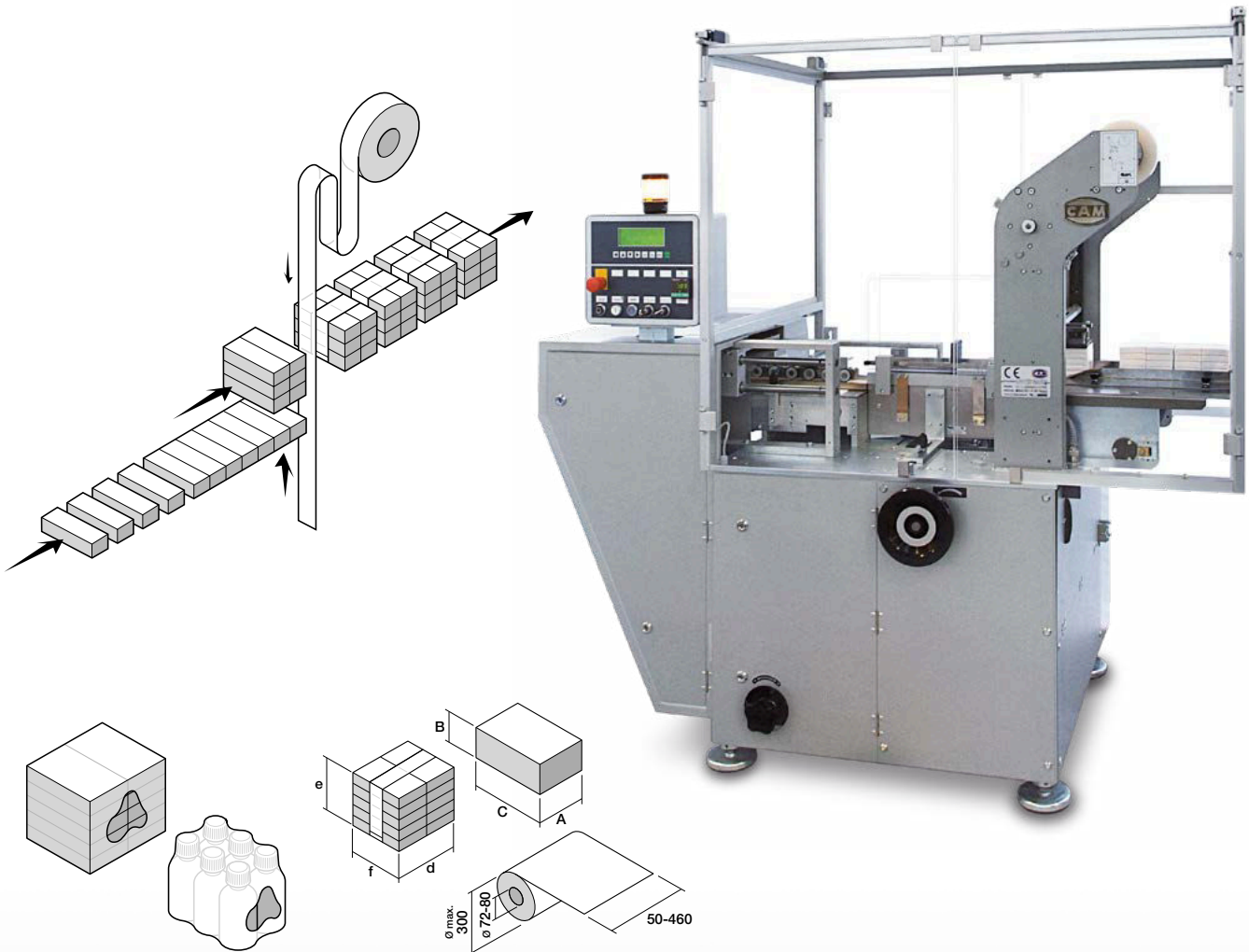


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ASB38

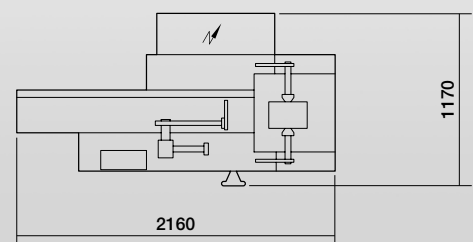
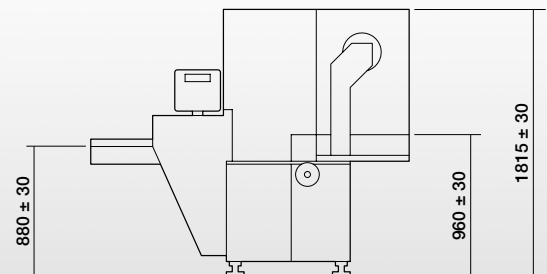
BUNDLER WITH STRETCH-BANDING OR SHRINK-WRAPPING



TECHNICAL DATA

Mechanical speed	STROKES/1'	30
Power absorption	kW	1.8
Air consumption	NI/1'	180-300
Air pressure	bar	5-6
Net weight	kg	~600

Size range		Min.	Max.
A	[mm]	15	360
B	[mm]	12	70
C	[mm]	50	250
d	[mm]	40	360
e	[mm]	24	210
f	[mm]	50	250

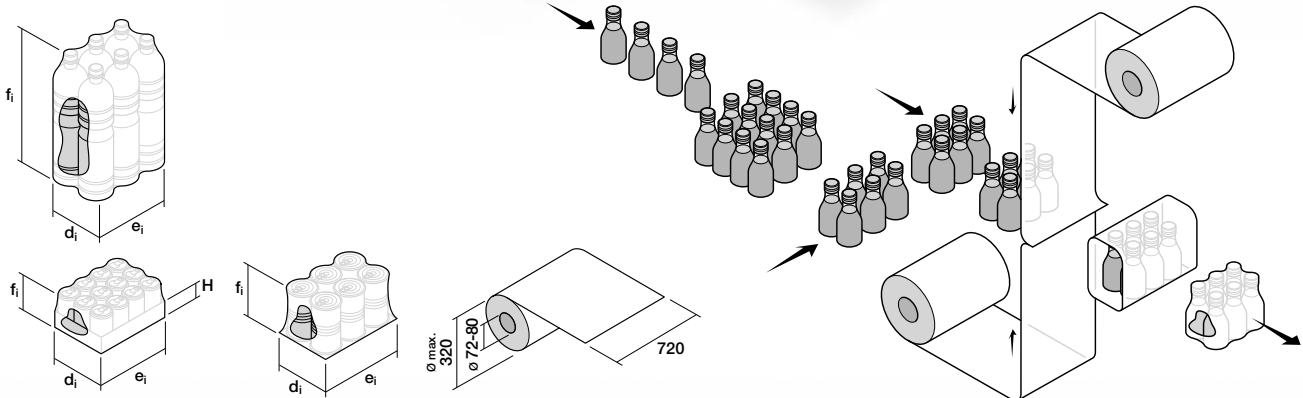


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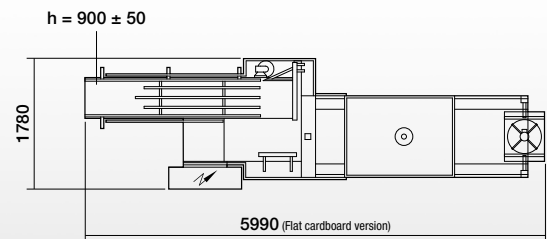
NV750

INTERMITTENT MOTION BUNDLER WITH SHRINK-WRAPPING

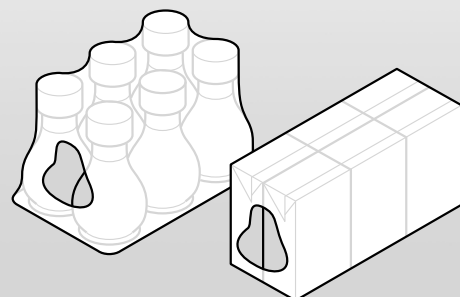


TECHNICAL DATA

Mechanical speed	STROKES/1'	10-17
Power absorption	kW	13
Air consumption	NI/1'	13
Air pressure	bar	6
Net weight	kg	~1100



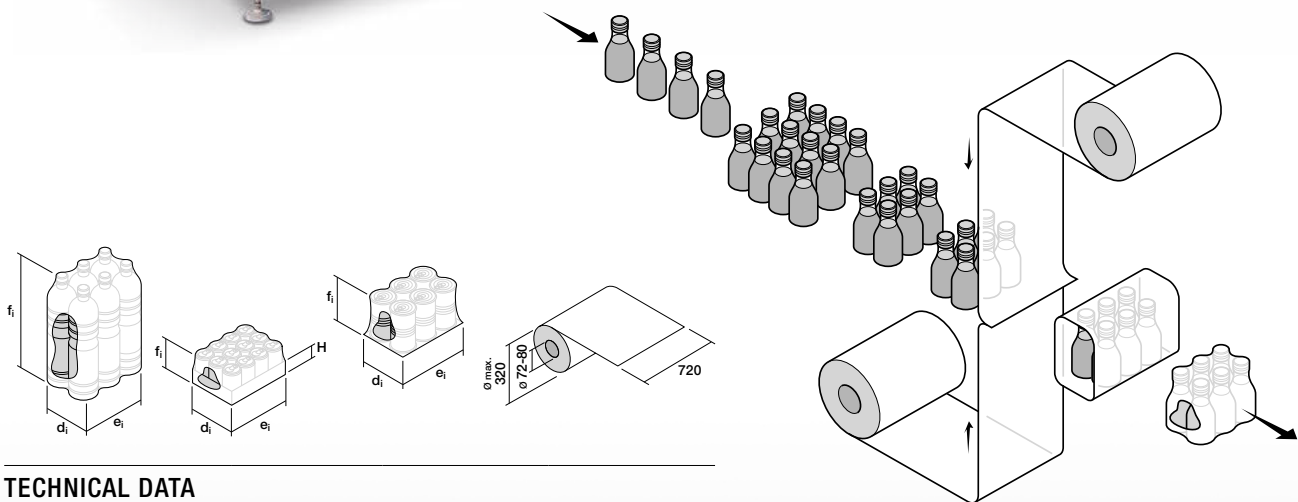
Size range	Min.	Max.
di [mm]	100	400
ei [mm]	200	435
fi [mm]	50	360
H [mm]	40	80
di + ei [mm]	-	700
di + H [mm]	230	440
fi + H [mm]	130	440





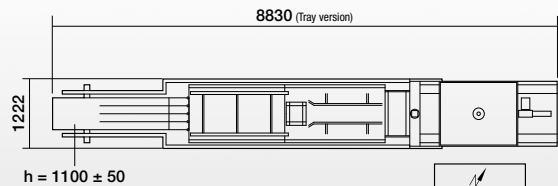
NV700

CONTINUOUS MOTION BUNDLER WITH SHRINK-WRAPPING

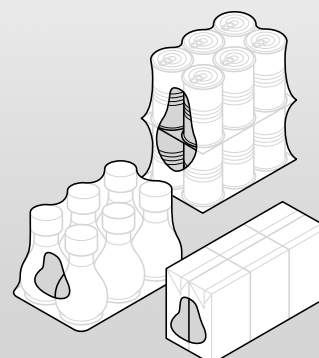


TECHNICAL DATA

Mechanical speed	STROKES/1'	25
Power absorption	kW	13
Air consumption	NI/1'	7
Air pressure	bar	6
Net weight	kg	~2000

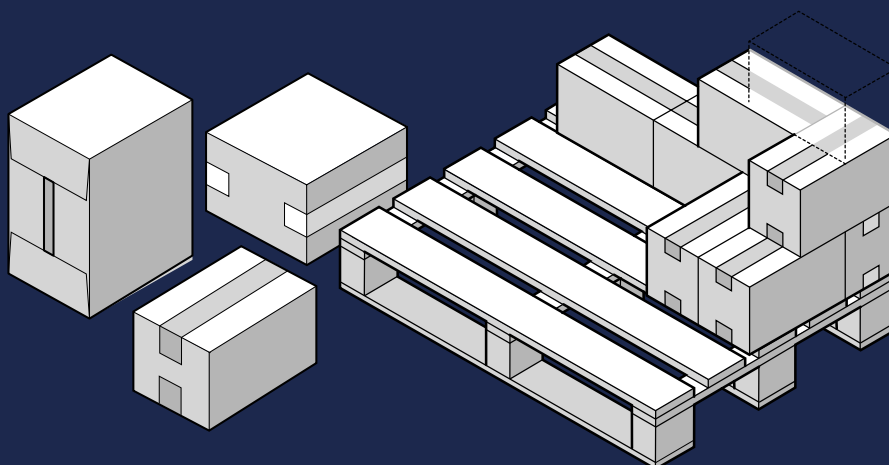


Size range	Min.	Max.
di [mm]	100	380
ei [mm]	200	480
fi [mm]	50	360
H [mm]	40	80
di + ei [mm]	-	680
di + H [mm]	280	560
fi + H [mm]	130	440





Case-packing and palletizing machines.

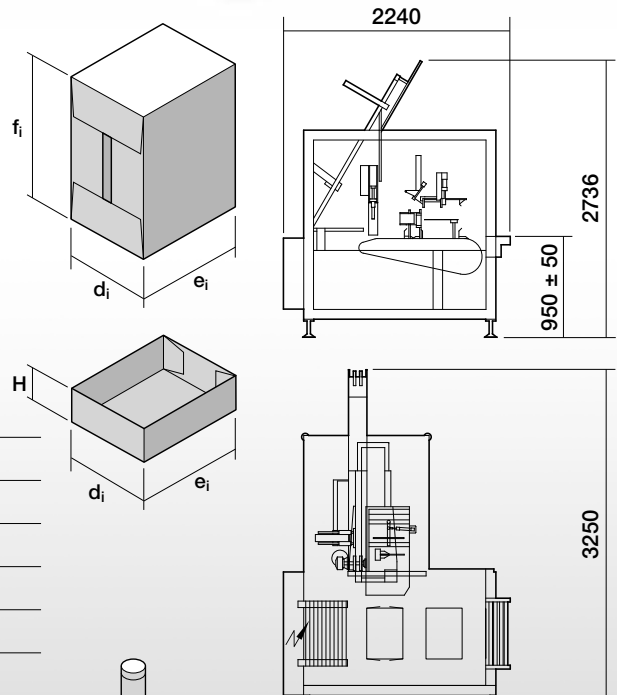
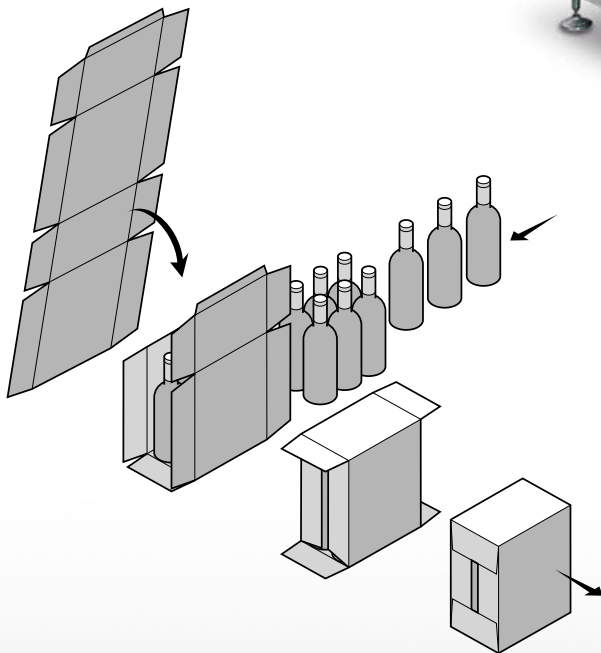


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W30

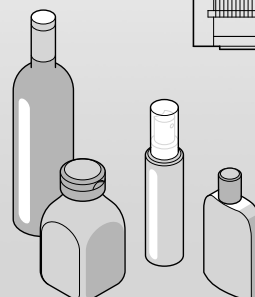
INTERMITTENT MOTION WRAP-AROUND CASE-PACKER



TECHNICAL DATA

Mechanical speed	STROKES/1'	10
Power absorption	kW	8
Air consumption	NI/1'	22
Air pressure	bar	6
Net weight	kg	~1200

Size range		Min.	Max.
di	[mm]	100	360
ei	[mm]	190	500
fi	[mm]	70	360
H	[mm]	40	150

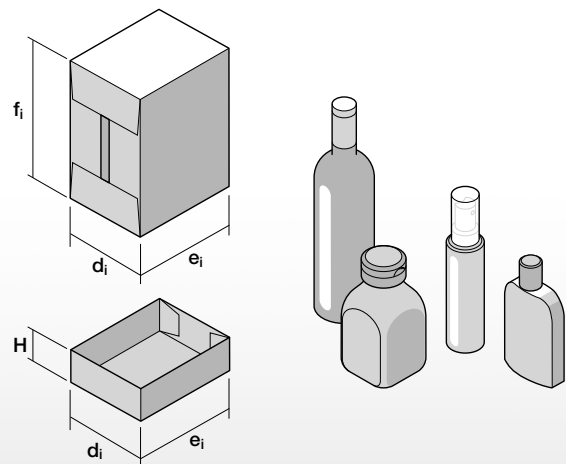
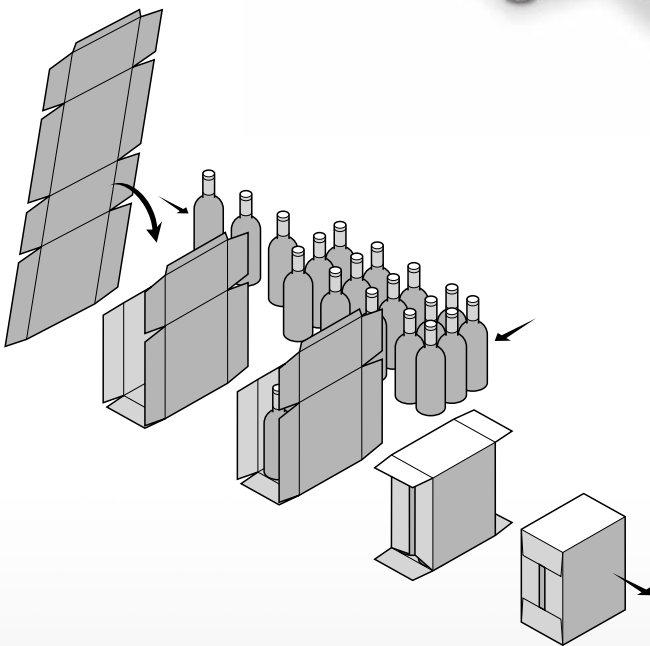


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NTW600

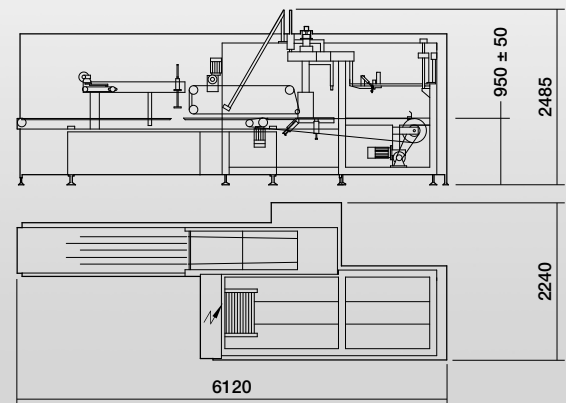
HIGH SPEED INTERMITTENT MOTION WRAP-AROUND CASE-PACKER



TECHNICAL DATA

Mechanical speed	STROKES/1'	25
Power absorption	kW	8
Air consumption	NI/1'	22
Air pressure	bar	6
Net weight	kg	~1800

Size range		Min.	Max.
di	[mm]	100	360
ei	[mm]	190	500
fi	[mm]	70	360
H	[mm]	40	150

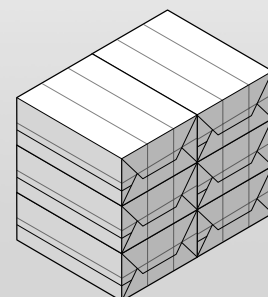
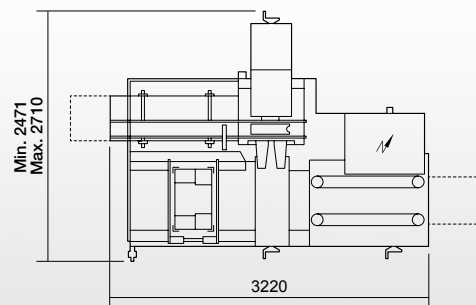
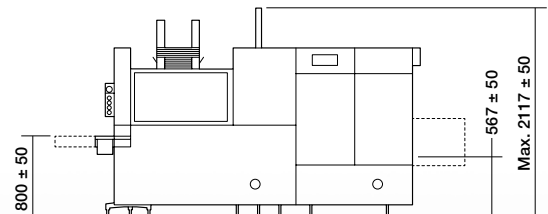
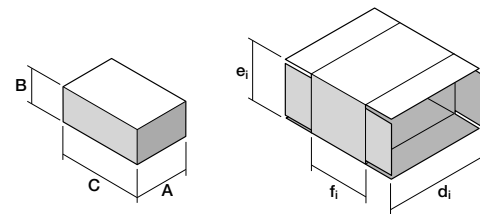
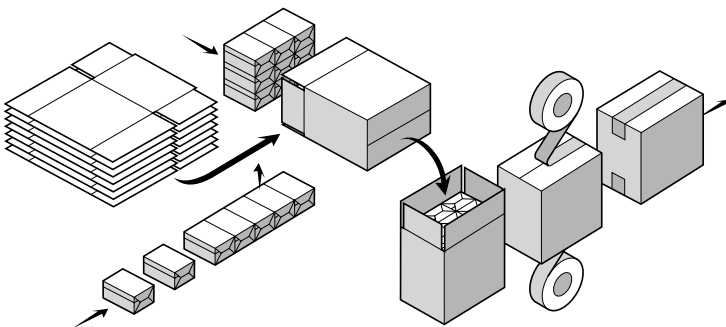


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SM80

HIGH SPEED HORIZONTAL CASE-PACKER FOR SHIPPING CASE



TECHNICAL DATA

Mechanical speed	STROKES/1'	16
Power absorption	kW	4*
Air consumption	NI/1'	1200
Air pressure	bar	5-6
Net weight	kg	~1700

* Hot-melt + 7.5

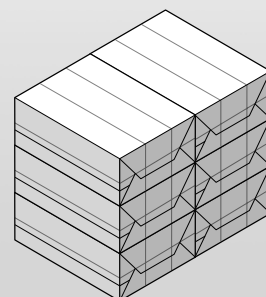
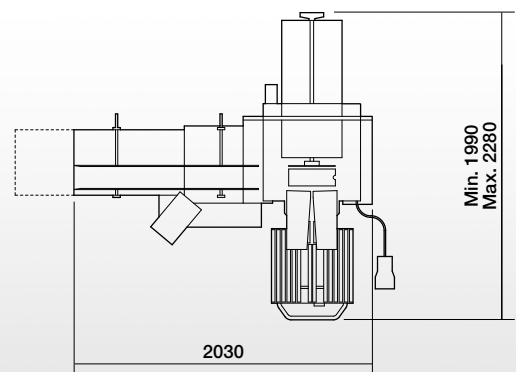
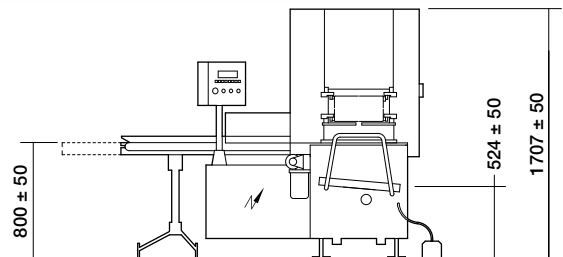
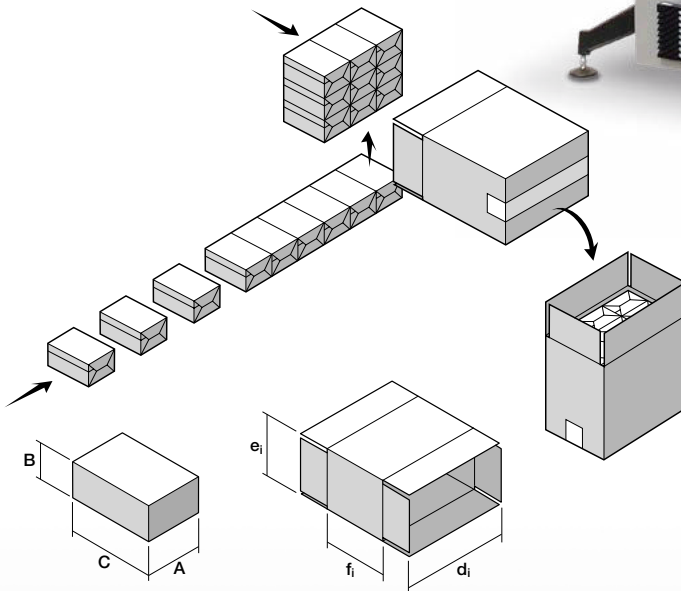
Size range		Min.	Max.
A	[mm]	20	555
B	[mm]	12	70
C	[mm]	50	340
di	[mm]	185	560
ei	[mm]	115	395
fi	[mm]	92	342
fi + ei	[mm]	-	900

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SMA80

SEMI-AUTOMATIC CASE-PACKER



TECHNICAL DATA

Mechanical speed	STROKES/1'	6
Power absorption	kW	1.2
Air consumption	NI/1'	500
Air pressure	bar	5-6
Net weight	kg	~650

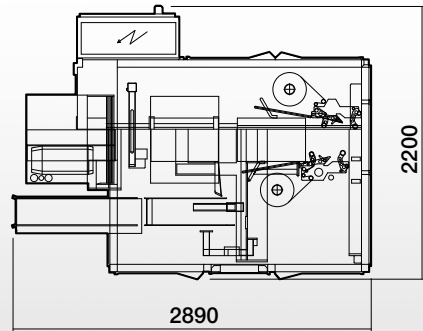
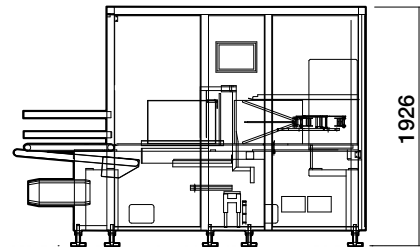
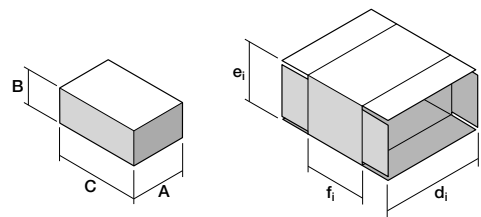
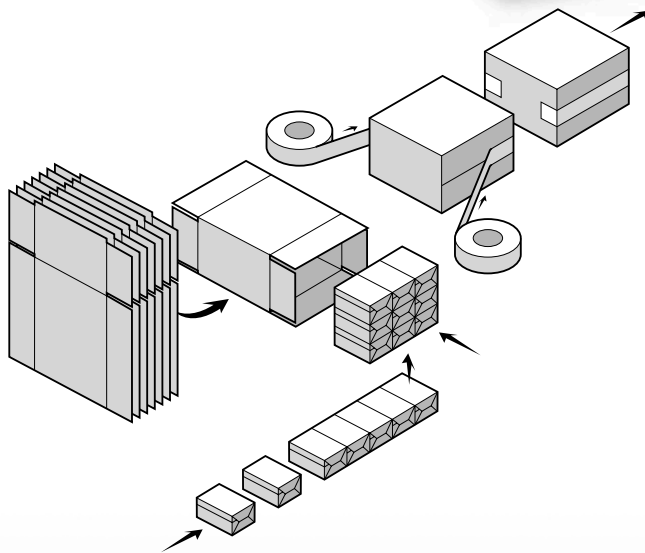
Size range		Min.	Max.
A	[mm]	20	555
B	[mm]	12	70
C	[mm]	50	340
di	[mm]	185	560
ei	[mm]	115	395
fi	[mm]	92	342

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SMP

HORIZONTAL CASE-PACKER FOR SHIPPING CASES

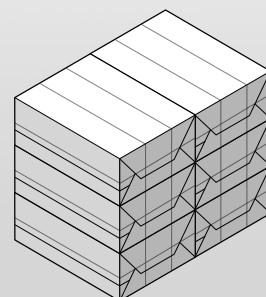


TECHNICAL DATA

Mechanical speed	STROKES/1'	10
Power absorption	kW	5.6*
Air consumption	NI/1'	700
Air pressure	bar	5-6
Net weight	kg	~1750

* Hot-melt + 3.5

Size range		Min.	Max.
A	[mm]	20	545
B	[mm]	12	70
C	[mm]	50	200
di	[mm]	200	550
ei	[mm]	120	350
fi	[mm]	120	350

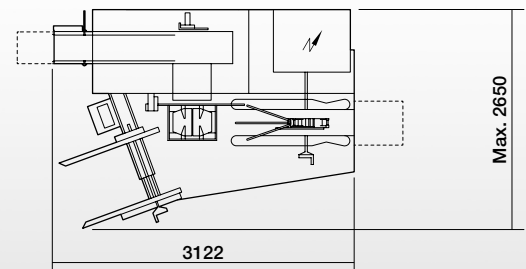
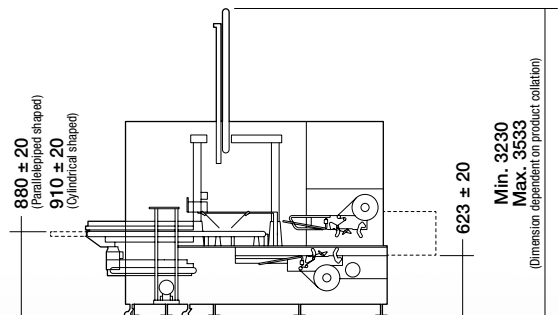
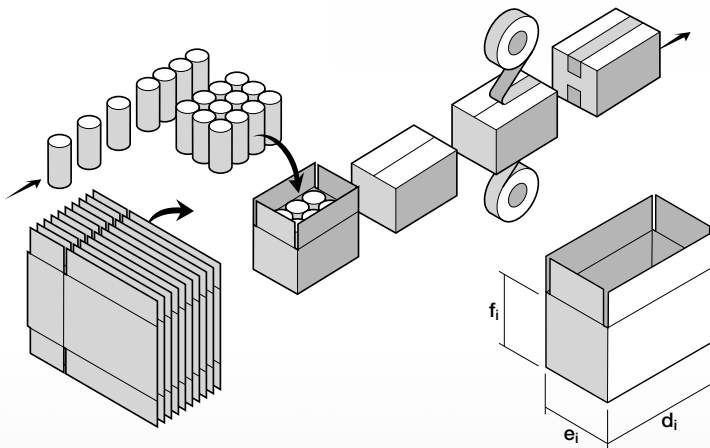


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SMV

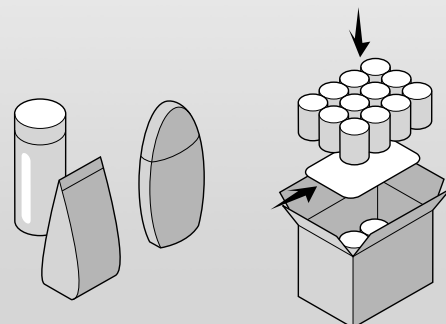
VERTICAL CASE-PACKER FOR SHIPPING CASES



TECHNICAL DATA		SMV/1	SMV/2
Pick & place speed	STROKES/1'	20	40
Production up to	CASES/1'	12	15
Power absorption	kW	8*	8*
Air consumption	NI/1'	500	500
Air pressure	bar	6	6
Net weight	kg	~1850	~2000

* Hot-melt + 3.2

Size range		Min. / Max.	Min. / Max.
di	[mm]	200 / 595	200 / 595
ei	[mm]	120 / 395	120 / 395
fi	[mm]	105 / 395	105 / 395

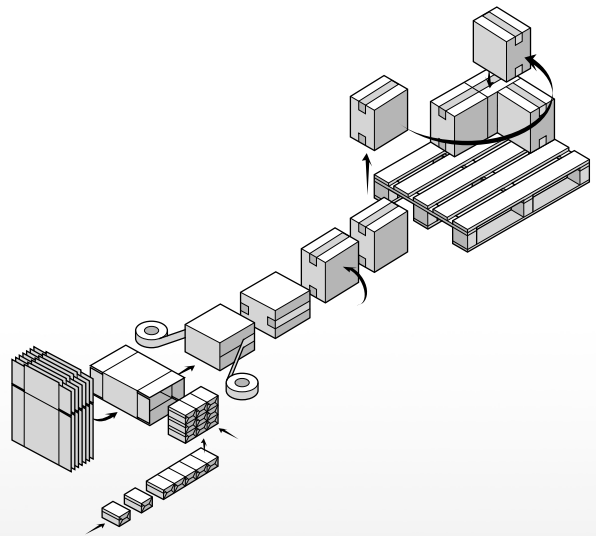
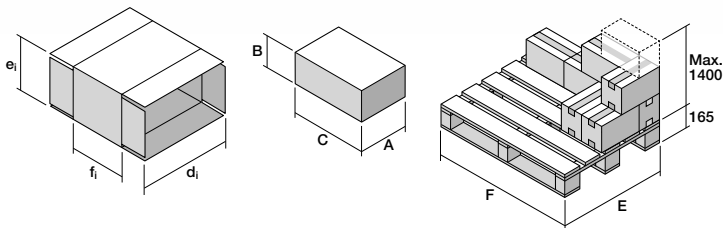


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SPZ

CASE-PACKING AND CASE-PALLETIZING MACHINE

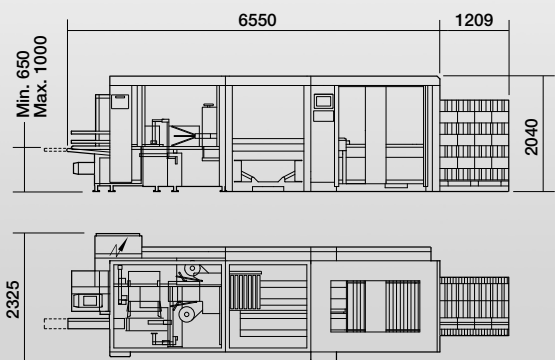


TECHNICAL DATA

Mechanical speed	STROKES/1'	10
Power absorption	kW	7.6*
Air consumption	NI/1'	705
Air pressure	bar	6
Net weight	kg	~2500
Net weight	kg	50

* Hot-melt + 3.5

Size range		Min.	Max.
A	[mm]	20	545
B	[mm]	12	70
C	[mm]	50	200
E	[mm]	-	1016
F	[mm]	-	1219
di	[mm]	200	550
ei	[mm]	120	350
fi	[mm]	120	350
di + ei	[mm]	-	900

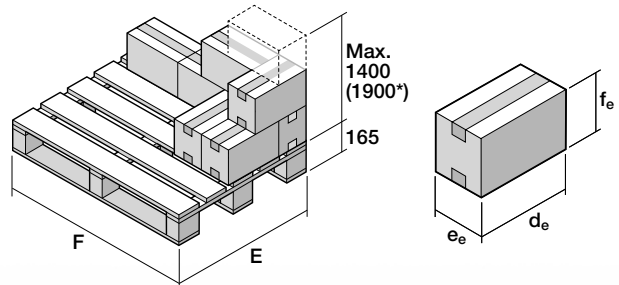
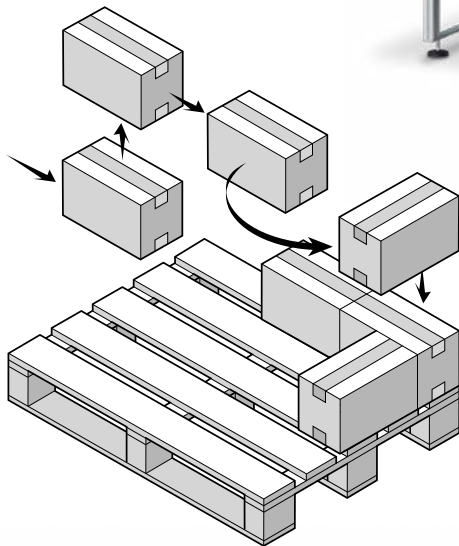


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ZP1

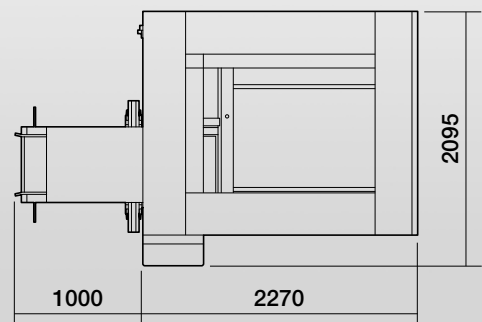
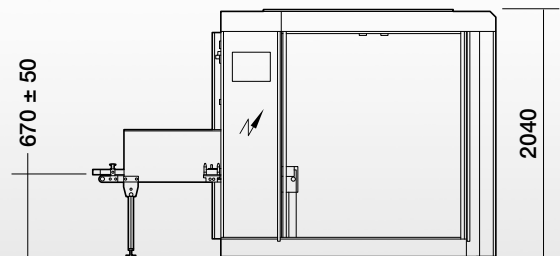
PALLETIZER FOR SHIPPING CASES



TECHNICAL DATA

Mechanical speed	STROKES/1'	12
Air absorption	kW'	4
Air consumption	NI/Cycle	5
Air pressure	bar	6
Net weight	kg	~750
Weight lifted (Max.)	kg	50

Size range	Min.	Max.
ee [mm]	120	600
fe [mm]	100	500
de [mm]	120	600
de + ee [mm]	-	900
E [mm]	-	1016
F [mm]	-	1219

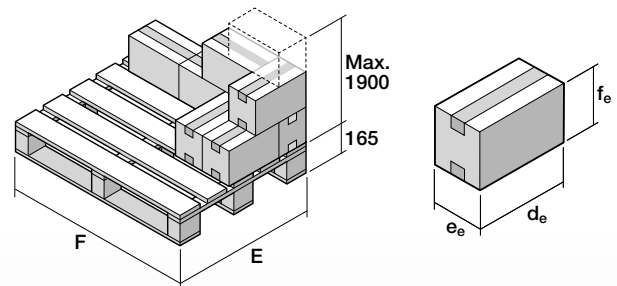
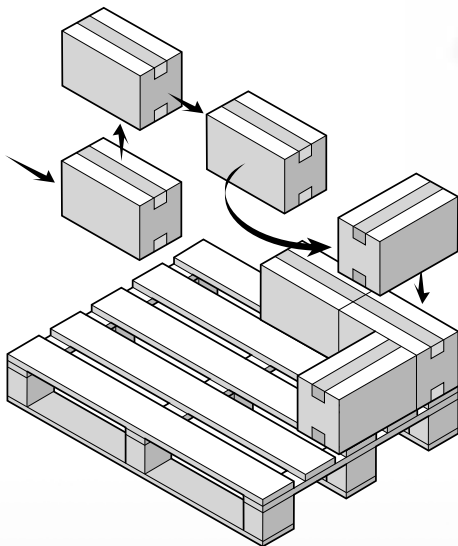


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ZP EASY

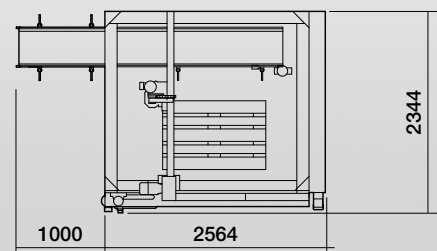
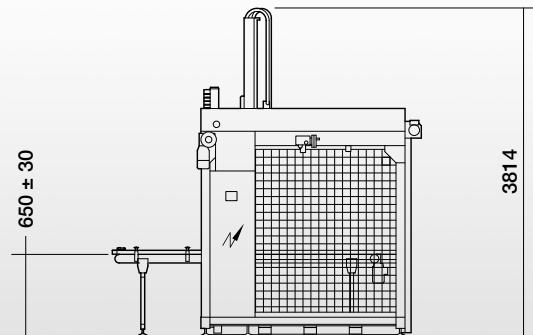
PALLETIZER FOR SHIPPING CASES



TECHNICAL DATA

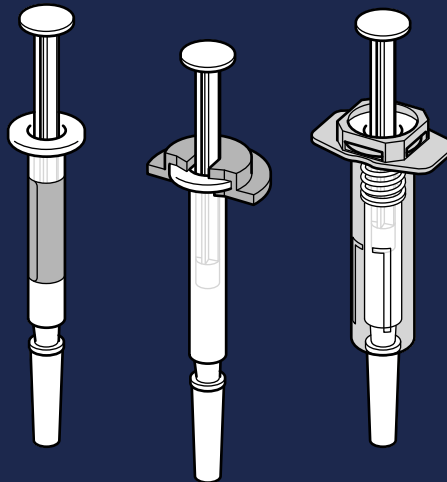
Mechanical speed	STROKES/1'	12
Air absorption	kW'	4
Air consumption	NI/Cycle	15
Air pressure	bar	6
Net weight	kg	~750
Weight lifted (Max.)	kg	50

Size range		Min.	Max.
ee	[mm]	120	600
fe	[mm]	100	500
de	[mm]	120	600
E	[mm]	-	1219
F	[mm]	-	1219





Syringe assembly machines.

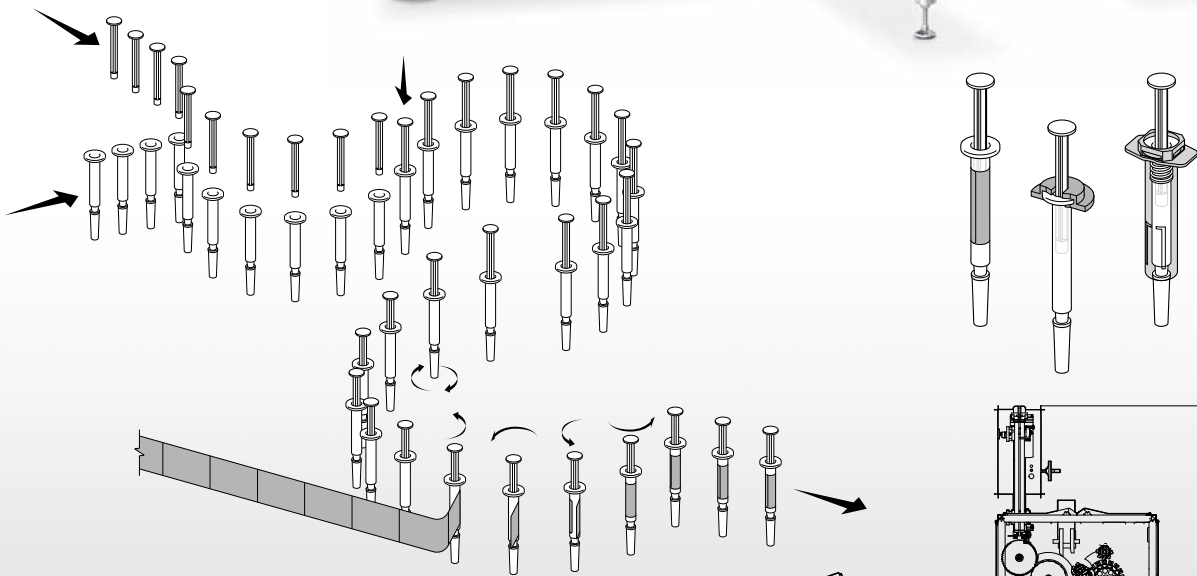


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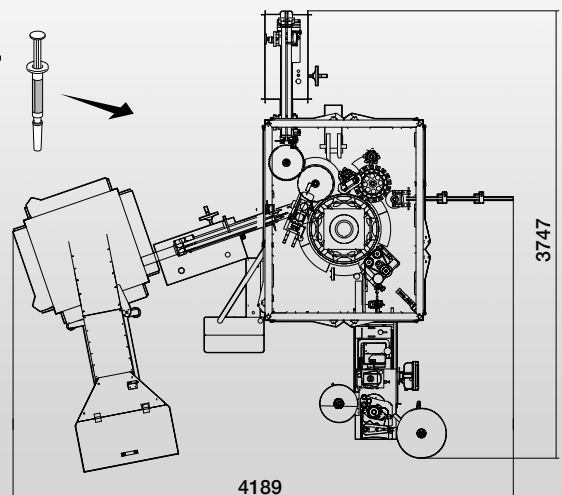
S105/S205

HIGH SPEED SYRINGE ASSEMBLER AND LABELLER



TECHNICAL DATA

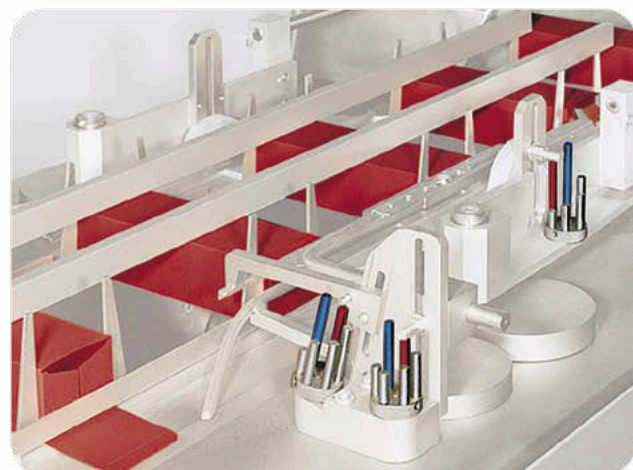
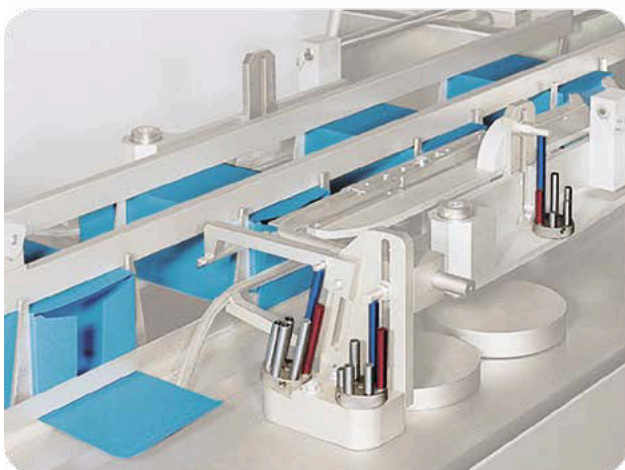
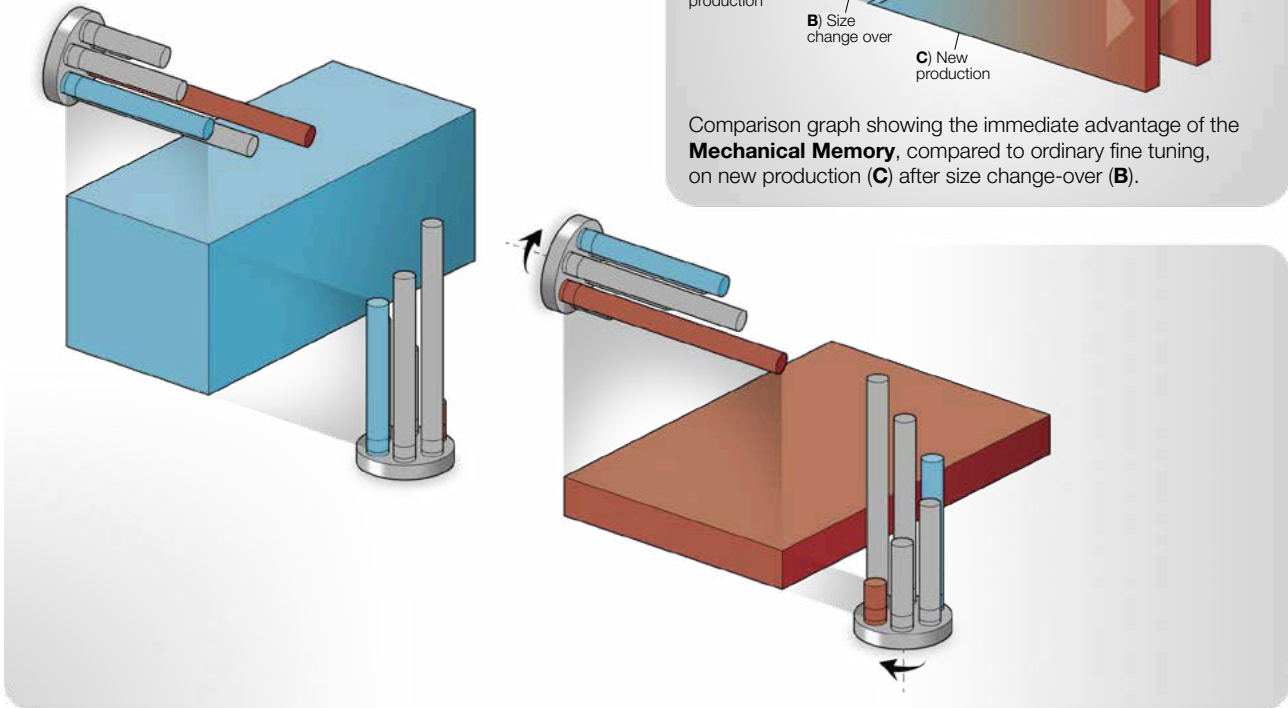
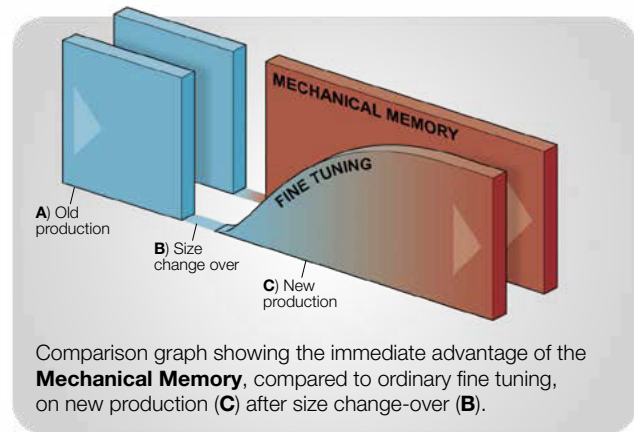
Mechanical speed	STROKES/1'	400
Power absorption	kW	8
Air consumption	NI/1'	200
Air pressure	bar	6
Net weight	kg	~2200



Mechanical Memory®

SIZE CHANGE-OVER BECOMES PRODUCTION CHANGE-OVER

Mechanical Memory reduces the complete size change-over to a series of simple adjustments with unequivocal fixed reference points, that can be carried out within a few minutes even by unskilled personnel. With this system fine tuning is eliminated.



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Organizational chart

PRODUCTION

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SALES PROJECT COORDINATION AND DEVELOPMENT OF THE COMMERCIAL AND TECHNICAL DOCUMENTATION

SALES

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AFTER SALES

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Color line guide

EACH TYPE OF PRODUCT PROCESSING IS DIVIDED BY COLOR, SO AS TO MAKE THE COMMERCIAL SECTOR TO WHICH THE SINGLE MACHINE BELONGS VISUALLY IMMEDIATE

LINE 1

Capsules, tablets, pills, dragées, and syringes in blisters.
Vials, bottles, and syringes in thermoformed and paperboard trays.
Tablets and suppositories in strips.

LINE 2

Liquids, tablets, granulates, and powders in bottles.
Products in monodose strips.
Powders and tablets in tubes.
Inhalers and aerosol cans.
Contact lens kits.
Hair colour kits.

LINE 3

Digital media.
Adhesive tape.
Light bulbs.
Electronic products.

LINE 4

Paper products.
Aluminium foil and plastic wrap.

LINE 5

Powders, granulates, gels, and creams in bags, pouches, sachets, cartons, sticks, and doypacks.

LINE 6

Creams, gels, lotions, and pastes in jars and squeezable tubes.
Bars of soap.
Lip cosmetics, mascara, and cosmetic liners.

LINE 7

Pre-packaged food products in bags, sachets, cans, cartons, flow-packs, trays, and bottles.
Products wrapped in aluminium, plastic, and paper.

LINE 8

Special products and packaging.

Since 1949 more than
22,000 machines and lines
installed worldwide

