



Edge perforation

Euro-hole punch

Shape punch & waste separation

Round edge punch

We finish your print product

Pin-hole punch

Wire stitch

Perfect spine

Trimming

Shape punch

WIRE-O-perforation

Filing-hole punch



Got a vision? We make it happen!

BOGRAMA AG in Turbenthal, Switzerland is successfully producing machines for print finishers for more than 10 years.

As a high experienced specialist our top priority is the competent and professional advice and customer proximity. An integrated way of thinking – high quality standards and precision made in Switzerland – allows us to continuously enhance and adopt our machines to customer requirements.

Because only fulfilment of customer requests, by the involvement of qualified employees and a production at competitive prices, are the keys for market establishment.

The following pages give you an insight of the broad range of multifunctional punch machines, multi-purpose single machines and production line ensembles made by BOGRAMA AG.

Automatic cut-, punch-, hole-punch and perforating machine for inline or single function.

To attach inline to a saddle stitching machine, folding machine or a single feeder.



BS MULTI inline production
with saddle stitcher



BS MULTI inline production
with folding machine



BS MULTI offline production
with feeder

Technical data	
Capacity	max. 8'000 cycles/h (depending on paper format and quality)
Motor	servomotor, 2,0 kW
Infeed	adjustable belt transfer with lower and upper belts / length 900 or 450 mm
Infeed swivel area	900 mm length: 540 to 940 mm / 450 mm length: 760 to 940 mm
Max. working width	450 mm
Format min./max.	see separate data sheet format sizes format sizes
Max. product thickness	perforation up to 2 mm, filing-hole punching up to 5 mm, cutting up to 5 mm, die-cutting up to 2 mm
Product alignment	stop- and side adjustment elements, pneumatically operated air supply 6 bars required by customer
Timing control	pulse-independent by photo cell
Tool attachment	attachment for filing-hole and cutting tools, profile insert for perforating-tools, attachment for die-cutting-tools
Space requirement	approx. 1800 or 1350 mm x 1100 mm
Weight	approx. 800 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 16A

BS MULTI 450 basic

>> Capacity: 8'000 cycles/h



Technical data	
Capacity	max. 10'500 cycles/h (depending on paper format and quality)
Motor	servomotor, 3,5 kW
Infeed	adjustable belt transfer with lower and upper belts / length 900 or 450 mm
Infeed swivel area	900 mm length: 540 - 940 mm / 450 mm length: 760 - 940 mm
Max. working width	450 mm / *680 mm
Format min./max.	see separate data sheet format sizes format sizes
Max. product thickness	perforation up to 2 mm, filing-hole punching up to 5 mm, cutting up to 5 mm, die-cutting up to 2 mm
Product alignment	stop- and side adjustment elements, pneumatically operated, air supply 6 bars required by customer
Timing control	pulse-independent by photo cell
Tool attachment	attachment for filing-hole punching- and cutting tools, profile insert for perforating-tools, attachment for die-cutting-tools
Space requirement	approx. 1800 mm or 1350 mm x 1100 mm / *1200 mm
Weight	approx. 800 kg / *900 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 32A

BS MULTI 450 / *750 Servo

>> Capacity: 10'500 cycles/h



Technical data	
Capacity	max. 12'500 cycles/h (depending on paper format and quality)
Motor	high-end servomotor, 5 kW
Infeed	adjustable belt transfer with lower and upper belts / length 900 or 450 mm
Infeed swivel area	900 mm length: 540 - 940 mm / 450 mm length: 760 - 940 mm
Max. working width	450 mm / *680 mm
Format min./max.	see separate data sheet format sizes format sizes
Max. product thickness	perforation up to 2 mm, filing-hole punching up to 5 mm, cutting up to 5 mm, die-cutting up to 4 mm
Product alignment	stop- and side adjustment elements, pneumatically operated, air supply 6 bars required by customer
Timing control	pulse-independent by photo cell
Tool attachment	attachment for filing-hole punching and cutting tools, profile insert for perforating-tools, attachment for die-cutting-tools
Space requirement	approx. 1800 or 1350 mm x 1100 mm / *1200 mm
Weight	approx. 800 kg / *900 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 32A

BS MULTI 450 / *750 Servo plus

>> Capacity: 12'500 cycles/h





Technical data	
Capacity	max. 8'000 cycles/h (depending on paper format and quality)
Motor	high-end servomotor, 5kW
Infeed	adjustable belt transfer with lower and upper belts / length 900 or 450 mm
Infeed swivel area	900 mm length: 540 - 940 mm / 450 mm length: 760 - 940 mm
Max. working width	450 mm / *680 mm
Format min./max.	see separate data sheet format sizes
Max. product thickness	perforation up to 2 mm, filing-hole punching up to 5 mm, cutting up to 5 mm, die-cutting up to 4 mm
Product alignment	stop- and side adjustment elements, pneumatically operated, air supply 6 bars required by customer
Timing control	pulse-independent by photo cell
Tool attachment	attachment for filing-hole punching and cutting tools, profile insert for perforating-tools, attachment for die-cutting-tools
Space requirement	approx. 1950 or 1500 mm x 1100 mm / *1200 mm
Weight	approx. 950 kg / *1150 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 32A

BS MULTI 450 Servo plus 320 / BS MULTI*750 Servo plus 320

>> Capacity: 8'000 cycles/h



Technical data	
Capacity	max. 9'000 cycles/h (depending on paper format and quality)
Motor	servomotor, 1 kW
Infeed	option: adjustable belt transfer with lower and upper belts / length 800 mm
Infeed swivel area	540 - 940 mm
Max. working width	350 mm / *550 mm
Format min./max.	see separate data sheet format sizes
Max. product thickness	filing-hole punching up to 5 mm, cutting up to 3 mm
Product alignment	stop- and side adjustment elements, pneumatically operated, air supply 6 bars required by customer
Timing control	pulse-independent by photo cell
Tool attachment	attachment for filing-hole punching and cutting-tools
Space requirement	1600 mm x 900 mm (incl. belt transfer) *1600 mm x 1100 mm (incl. belt transfer)
Weight	approx. 450 kg / *550 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 16A

BS ECO 350 / *550 Servo

>> Capacity: 9'000 cycles/h



BS ECO the modular system

BS ECO as single machine for

- face- or spine trim
- head- and foot trim
- filing, Euro or Pin-hole

or

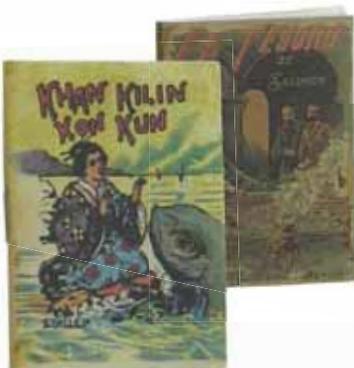
as inline-combination with additional machines for the

- 3-side trim (2x BS ECO)
- 4-side trim (3x BS ECO)

as well as in combination with the previously mentioned punching-tools



**Booklet line 550 consisting of
folding machine MBO T 530, UA 550 Servo, HFA 550 Servo, SFP 550, 2x BS ECO 550, SAB 550**



Raising efficiency by inline production

Booklet line 550 for CD / DVD or small format booklets in multiple up.

The booklet line 550 produces with a max. output of 8'000 cycles per hour.

When producing in 4 up this means up to 32'000 exemplars per hour in one single work step.





Technical data	
Capacity	10'000 sheets/h (depending on paper format and quality)
Motor	servomotor, 1,5 kW
Infeed	option: adjustable belt transfer with lower and upper belts / length 800 mm
Infeed swivel area	540 - 940 mm
Max. working width	550 mm
Format min./max.	approx. 100 x 148 mm / 430 x 550 mm
Vacuum	via injector
Staple loosening	with air blow
Double sheet detector	mechanical
Air supply	6 bars required by customer
Space requirement	approx. 700 x 900 mm
Weight	approx. 300 kg
Power supply	230V / N / PE 50/60Hz / 16A

Cover feeder UA 550 Servo

>> Capacity: 10'000 sheets/h



Technical data	
Capacity	max. 10'000 cycles/h (depending on paper format and quality)
Motor	servomotor / 1,0 kW
Infeed	adjustable belt transfer with lower and upper belts, length 800 mm
Infeed swivel area	540 to 940 mm
Max. working width	550 mm
Format min./max.	approx. 100 x 148 mm / 430 x 550 mm
Max. product thickness	max. 5 mm
Speed	30 - 120 m/min.
Stitch heads	2 units Hohner stitch head type universal 43/6, option max. 8 units
Product alignment	stop- and side adjustment elements, pneumatically operated
Air supply	6 bars required by customer
Space requirement	approx. 1600 x 1100 mm
Weight	approx. 550 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 16A

Stitch unit HFA 550

>> Capacity: 10'000 cycles/h



Technical data	
Capacity	max. 12000 cycles/ (depending on paper format and quality)
Infeed- und exit height	700 to 950 mm
Format open max.	430 x 550 mm
Format open min.	approx. 80 x 100 mm
Fold format max.	215 x 550 mm
Fold format min.	approx. 40 x 100 mm
Max. product thickness	max. 5 mm folded
Roller adjustment	centrally opening
Speed	30 - 120 m/min.
Exit direction	in production-line
Air supply	6 bars required by customer
Space requirement	approx. 900 x 900 mm
Weight	approx. 280 kg
Power supply	230V / N / PE 50/60Hz / 2,7A
Power	0,4 kW

Knifefold unit SFP 550 for parallel fold

>> Capacity: 12'000 cycles/h

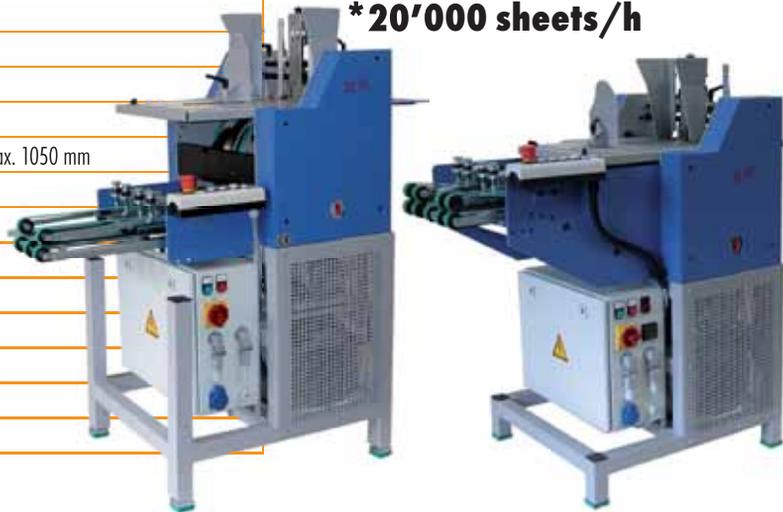




Technical data	
Capacity	3'000 - 15'000 sheets/h / *20'000 sheets/h
Format min.	75 x 148 mm
Format max.	310 x 415 mm / *430 mm
Max. product thickness	5 mm
Pressure vacuum pump	25 m ³
Feeding height	1050 - 1390 mm / *960 mm
Exit height TA 15	adjustable by forklift, height min. 710 mm, max. 1050 mm
Exit height TA 20	840 mm
Exit extension	250 mm
Deposit table	behind
Fixing cotter	for staple
Space requirement	1300 x 700 mm / *1300 x 700 mm
Weight	approx. 300 kg / *approx. 340 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 16A
Power	0,75 kW

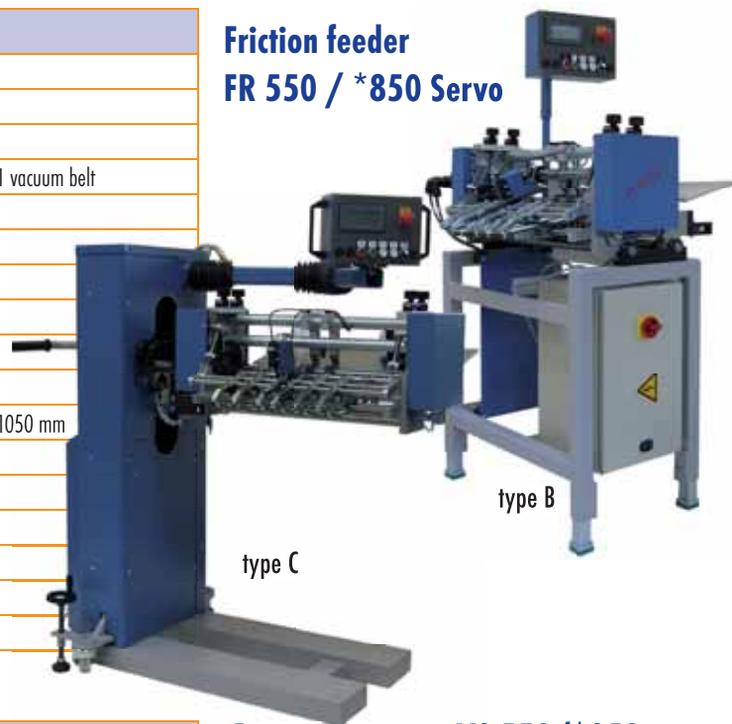
Feeder TA 15 / *TA 20

>> Capacity:
3'000 - 15'000 sheets/h
***20'000 sheets/h**



Technical data	
Capacity	according to performance chart
Motor	servomotor, 1,5 kW
Max. working width	550 mm / *850 mm
Format min.	148 x 75 mm with 2 vacuum belts / 75 x 75 mm with 1 vacuum belt
Format max.	550 x 320 mm / *850 x 320 mm
Max. product thickness	5 mm
Min. product thickness	120 gram per m ²
Vacuum	via injector
Staple loosening	with air blow
Level control	pulse-independent by photo cell
Exit height	adjustable, type C by spindle, type B by fork lift, 710 - 1050 mm
Exit extension	250 mm
Air supply	6 bars required by customer
Space requirement	800 mm x 1400 mm / *1700 mm
Weight	type C approx. 300 kg, type B approx. 150 kg
Movable	type C movable by roller, type B movable by fork lift
Power supply	230V / N / PE 50/60Hz / 16A

Friction feeder FR 550 / *850 Servo



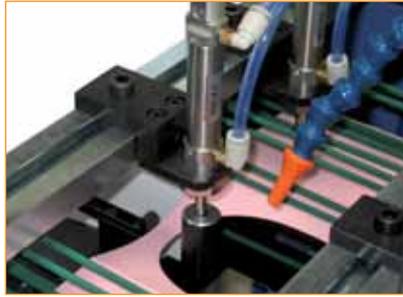
Technical data	
Max. working width	550 mm / *850 mm
Arbeitslength	2000 mm
Exit height	adjustable to friction feeder
Space requirement	2100 mm x 1200 mm / *2100 mm x 900 mm
Weight	approx. 300 kg
Movable	by fork lift
Power supply	230V / N / PE 50/60Hz / 3A
Power	1 kW

Pre stack system VS 550/*850



Technical data	
Max. working width	550 mm / *750 mm
Height adjustment space	700 - 950 mm
Infeed swivel area	15°
Product transport	via round or flat belts
Speed	20 - 200 m/min.
Space requirement	approx. 750 x 850 mm / *approx. 750 x 1100 mm
Weight	approx. 150 kg / *approx. 180 kg
Power supply	230V / N / PE 50/60Hz / 3A
Power	0,37 kW

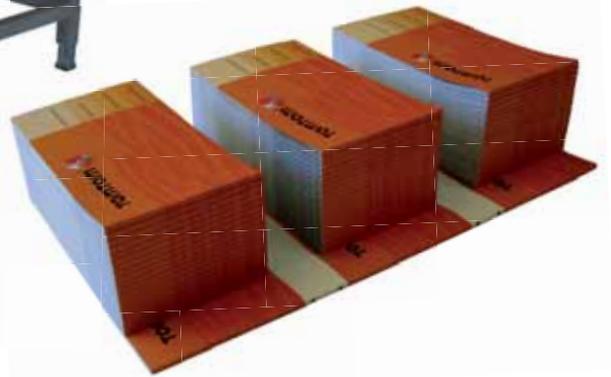
Mobile transfer unit UEB 550 / *750 A with stripping station



Interval controlled airflow and stripping station incl. end stop limits



Friction feeder FR 550 / *850 Servo type B combined with pre stack system VS 550 / *850



Perfect spine - trimming of perfect bound brochures in multiple up - The cutting edge of perfect spine quality.

Our new development perfect spine with integrated pre-score equipment offers perfect spine and edge trimming quality for multiple up booklets. With special equipment up to the mini. format of 35 x 35 mm.





Technical data

Max. working width	450 mm
Feed height	940 mm
Stream belt	40 mm retractable to infeed
Upper belts	8 units, 35 mm, driven
Overlap	10 - 100 mm
Counter	preselection counter / automatic work spacer
Space requirement	approx. 1500 mm, 620 mm
Weight	approx. 150 kg
Power supply	230V / N / PE 50/60Hz / 2A

Stream delivery SAB 450 ECO



Technical data

Max. working width	550 mm / *750 mm
Height adjustment	motor driven, 690 up to 950 mm
Feed	with round belts
Speed	20 - 200 m/min., adjustable
Stream belt	40 mm retractable to infeed
Upper belts	8 units, 35 mm, driven
Overlap	10 - 100 mm
Counter	preselection and sum counter, scale of 0 - 40 mm or jump feed, adjustable, performance indicator
Space requirement	approx. 2050 x 800 mm/*approx. 2050 x 1050 mm
Weight	approx. 300 kg / *approx. 350 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 16A
Power	0,37 kW

Stream delivery SAB 550 / *750



Technical data

Max. working width	550 mm
Infeed	adjustable belt transfer with lower and upper belts, length 800 mm
Speed	20 - 200 m/min., adjustable
Sheet convey	belt driven
Counter	preselection counter
Collector shaft	1 up to 10 up
Format min.	approx. 80 x 50 mm (special model 35 x 35 mm)
Format max.	approx. 250 x 550 mm
Stack height max.	120 mm
Capacity	up to 700 staples
Exit height	800 mm
Air supply	6 bars required by customer
Space requirement	approx. 2000 mm x 900 mm
Weight	approx. 600 kg
Power supply	3 x 400VAC / N / PE 50/60Hz / 32A
Power	3 kW

Stack delivery STA 550





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