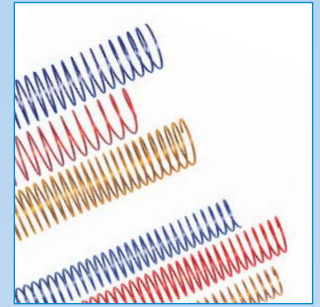


# Automatic Spiral Binding Machine F 118 α



For the industrial production of stationary products, books, desk calendars and other spiral bound products, even with oversized covers, cardboardback or index sheets.



Designed for the use of nylon coated or tin-plated spiral wire from spools.

- Hand feeding of the pre-punched product onto a conveyor table with gripping appliance.
- Entering of the product into clamping pockets.

- Guidance to the mandrel which forms the diameter of the spiral.



- Aligning of the perforation.
- Wire unwinding from the spool and straightening.

- Inserting of the spiral into the binding perforation.
- No spiral forming when no book is inserted.
- Electronically regulation of the needed spiral length.
- Spiral cut off and inward bending of both spiral ends.
- Discharge of the finished product and alternate delivery onto an exit table.
- Short change over times ensures profitably even for small runs or medium productions.
- Pitch sizes are available in metric and/or inch dimensions.



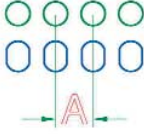
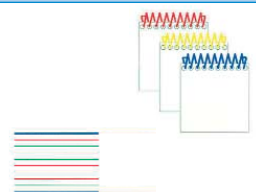



on request

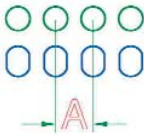
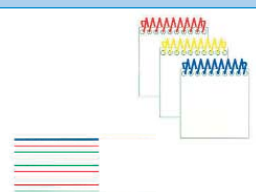



# Automatic Spiral Binding Machine **F 118 α**

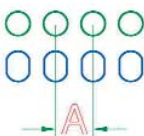
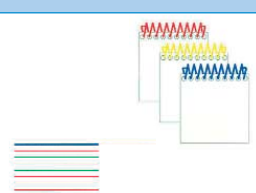



## Technical data

Format	
Bound side	min. 148 mm – max. 420 mm
Unbound side	min. 100 mm – max. 280 mm
Capacity	1.200 - 1.800 products/hour depending on the product and operator
Operation	by two attendants
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!
Needed compressed air	12 litre/minute
Required floor space, with wire spool	4,50 m x 1,80 m
Weight, without wire spool	1.350 kg

		<b>A = Pitch 5,0 or 5,08 mm (1/5")</b>		
	Book thickness	Perforation	Dimension	
	from 3 mm to 5 mm		round 3,2 mm Ø	
	from 6 mm to 10 mm		oval 4,0 x 3,0 mm	
	from 11 mm to 16 mm		oval 5,0 x 3,2 mm	

		<b>A = Pitch 6,0 or 6,35 mm (1/4")</b>		
	Book thickness	Perforation	Dimension	
	from 6 mm to 9 mm		round 3,6 mm Ø	
	from 10 mm to 16 mm		oval 4,5 x 3,5 mm	
	from 17 mm to 24 mm		oval 5,5 x 4,0 mm	

		<b>A = Pitch 8,0 or 7,94 mm (5/16")</b>		
	Book thickness	Perforation	Dimension	
	from 13 to 24 mm		round 5 mm Ø	

Detailed technical specifications and other pitches on request!

# Punching and Spiral Binding F 118 „In-line“



Punching and spiral binding in one operation.

For the mass production of stationary products, books, desk calendars and other spiral bound products.

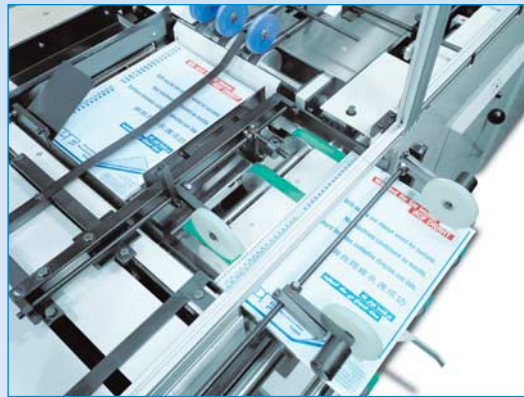


## Punching

- Hand feeding of the collated product onto a conveyor table with gripping appliance
- Collating / piling up.



- Separating of the product into single layers by means of separating discs.

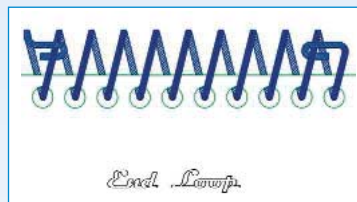


- Transport to the spiral binding machine



- Transport to the punching station and punching.

Binding according to the spiral binding machine F 118.



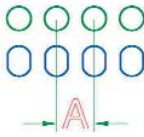
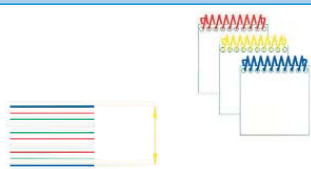


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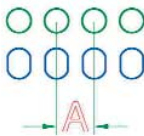
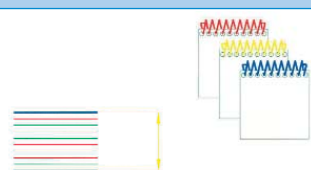

# Punching and Spiral Binding F 118 „In-line“



## Technical data

Format	
Bound side	min. 148 mm – max. 320 mm
Unbound side	min. 148 mm – max. 250 mm
Book thickness	max. 12 mm
Capacity	500 - 1.500 products/hour depending on the product and operator
Operation	by two attendants
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 2,0 kW other voltage on request!
Needed compressed air	12 litre/minute
Required floor space, with wire spool	6,0 m x 4,0 m
Weight, without wire spool	2.400 kg

		<b>A = Pitch 5,0 or 5,08 mm (1/5")</b>		
		Book thickness	Perforation	Dimension
	from 3 mm to 5 mm		round 3,2 mm Ø	
	from 6 mm to 12 mm		oval 4,0 x 3,0 mm	

		<b>A = Pitch 6,0 or 6,35 mm (1/4")</b>		
		Book thickness	Perforation	Dimension
	from 6 mm to 12 mm		oval 4,5 x 3,5 mm	

Detailed technical specifications and other pitches on request!