

Spiral Binding Machines

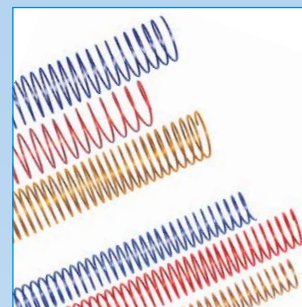
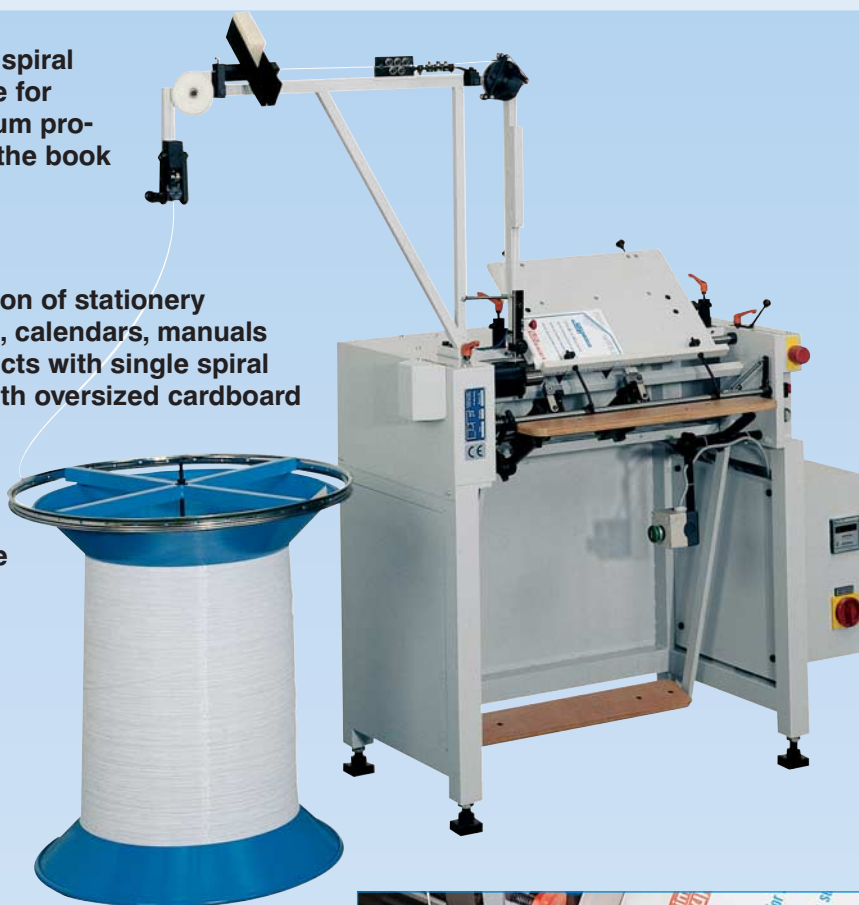
F 77 a and F 77 b



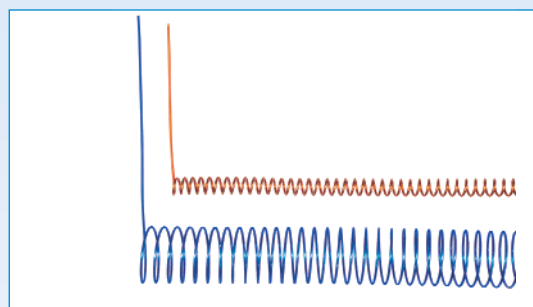
Semi-automatic spiral binding machine for smaller to medium production runs in the book binding factory.

For the production of stationery products, books, calendars, manuals and other products with single spiral binding, even with oversized cardboard backs, covers, or index sheets.

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



- Positioning of the pre-punched product onto the table-plate.
- Wire unwinding from the spool and straightening.
- Guidance to the mandrel which forms the diameter of the spiral.
- Inserting of the spiral into the binding perforation
- Electronically regulation of the needed spiral length.
- Spiral cut off and inward bending of both spiral ends.
- Taking off the bound product.
- Special equipment for incorporating calendar hangers.
- Pitch sizes are available in metric, inch and special sizes.
- Short change over times to different sizes, book thicknesses and pitches.
- Operation of the machine by a knee- or table switch from a comfortable seated position.



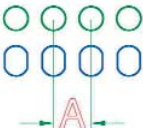
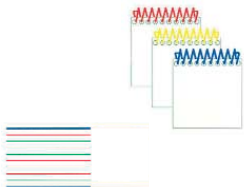



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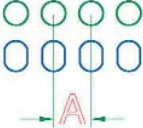
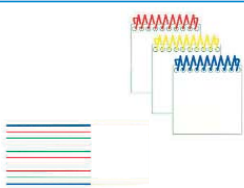



F 77 a and F 77 b

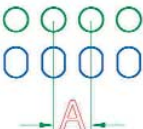
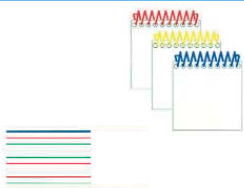



Technical data

	F 77 a	F 77 b
Format		
Bound side	max. 420 mm min. 100 mm min. 77 mm	max. 620 mm min. 100 mm min. 77 mm
with additional equipment		
Unbound side	no limit	no limit
Capacity	300 - 700 products/hour depending on the product and operator	
Electrical equipment	230 V; 1 phase; 50/60 cy; 0,37 kW other voltage on request!	
Required floor space, with wire spool	2,00 m x 1,50 m	2,30 m x 1,50 m
Weight, without wire spool	125 kg	165 kg

 A = Pitch 5,0 or 5,08 mm (1/5")			
	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

 A = Pitch 6,0 or 6,35 mm (1/4")			
	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

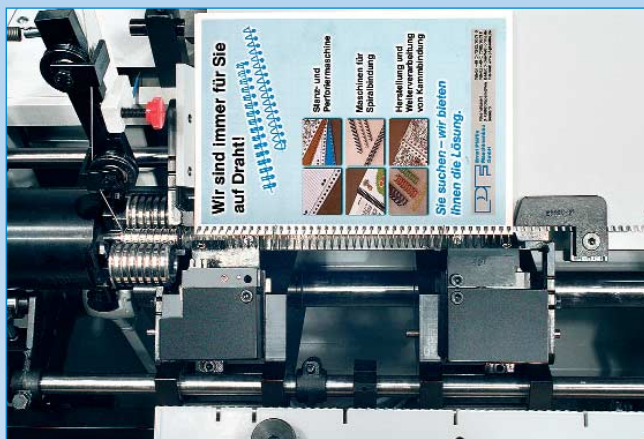
 A = Pitch 8,0 or 7,94 mm (5/16")			
	Book thickness	Perforation	Dimension
	from 13 to 24 mm		round 5 mm Ø

Detailed technical specifications and other pitches on request!

Additional equipment - **F 77 α**



End Loop

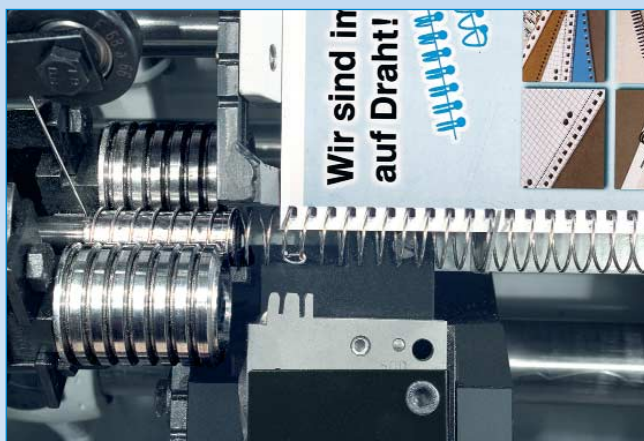


Both *End Loop* units installed at the machine

Working width 140 - 420 mm

Spiral diameter min. 14 mm

Wire diameter 0,8 mm - 0,9 mm



Left *End Loop* unit installed at the machine.

Right *End Loop* cutting and forming process at the **Table Top Model**.

Required for wire diameter 1,0 mm to 1,25 mm



Table Top Model F 68 u 9000

End Loop

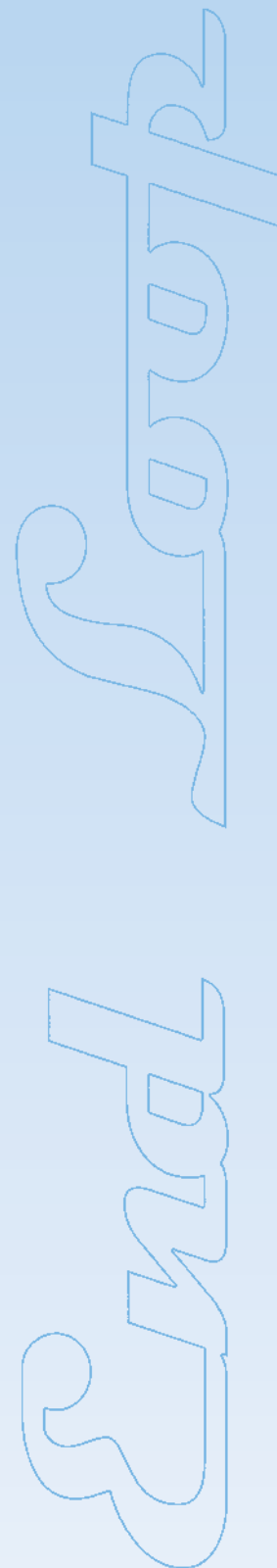
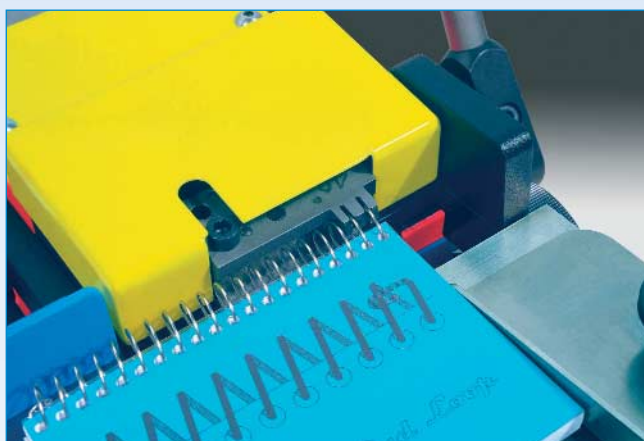
Separate unit to cut and form the spiral ends to *End Loop*

Spiral diameter min. 14 mm

Wire diameter 0,7 mm-1,25 mm

Additionally required for wire diameter 1,0 mm to 1,25 mm.

Required to cut and form the right spiral end to *End Loop*.

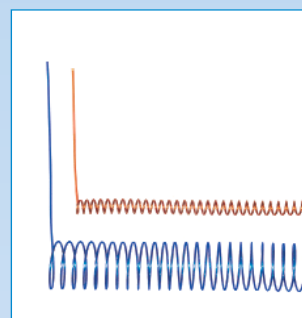
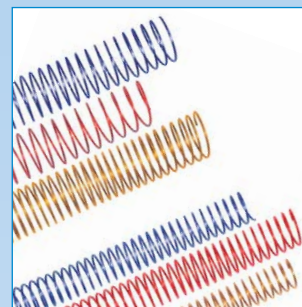
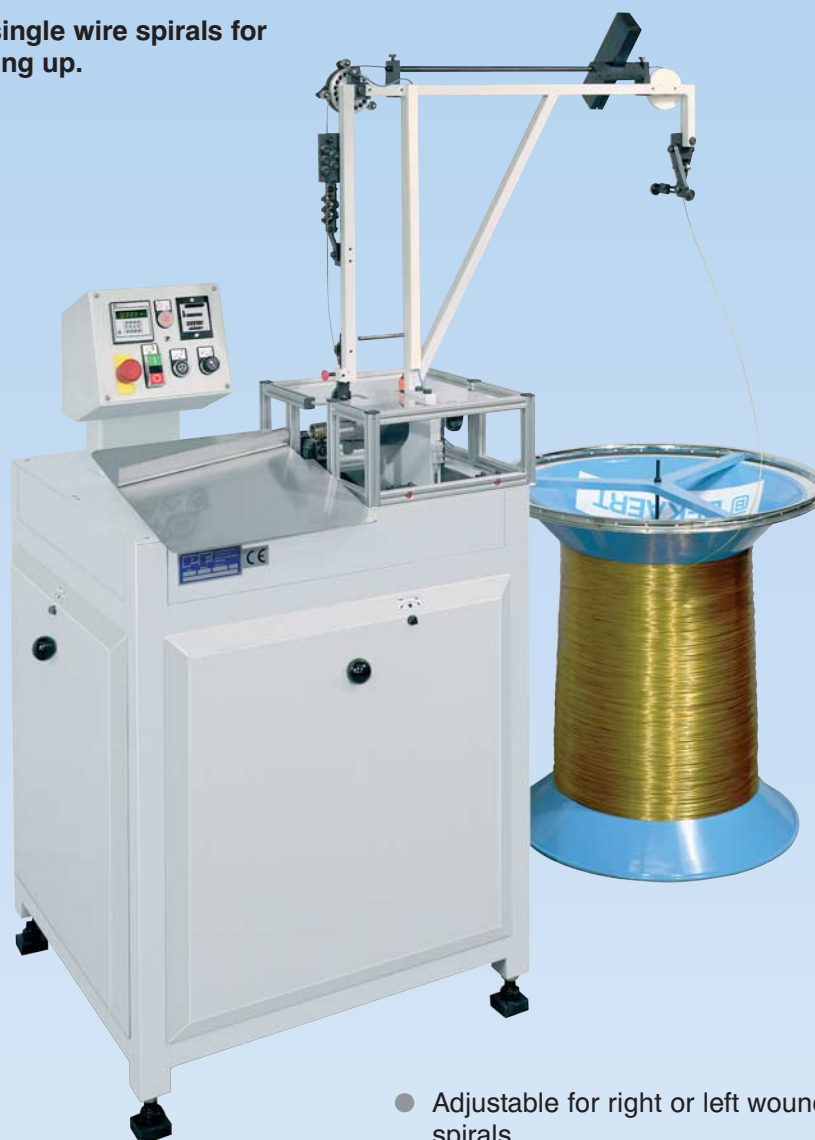


Spiral Winding Machine

F 77 s



For forming single wire spirals for manual working up.



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

- Adjustable for right or left wound spirals.
- Available for all popular spiral pitches.
- Pre-selection counter for the required number of loops.

Technical data

Spiral diameter	from 8 mm to 40 mm
Wire diameter	from 0,7 mm to 1,5 mm
Spiral wire	nylon-coated or tin-plated
Capacity	no limit
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!
Required floor space, with wire spool	2,00 m x 1,00 m
Weight, without wire spool	130 kg