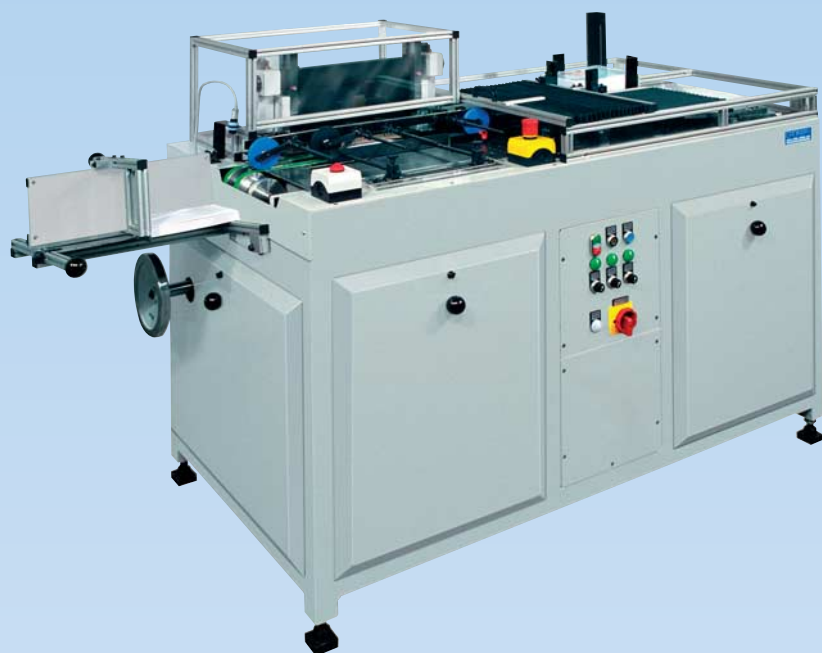


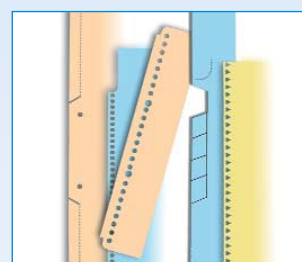
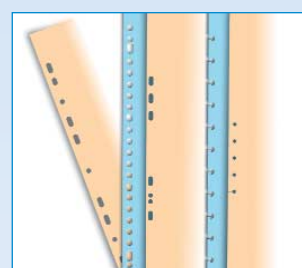
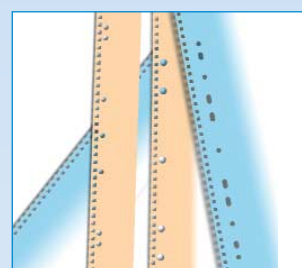
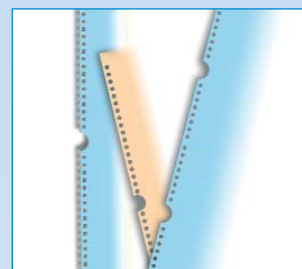
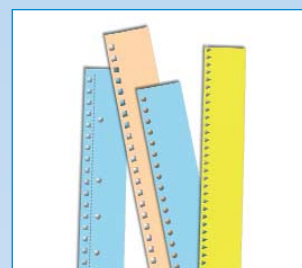
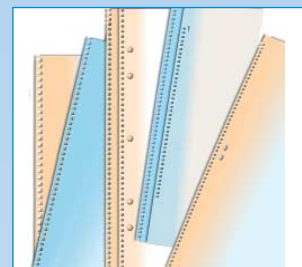
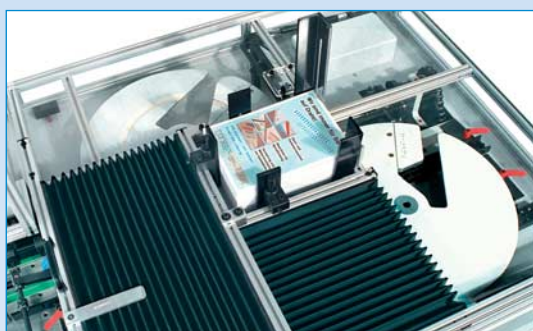
Automatic Punching Machines F 42 a and F 64 a



Compact and heavy duty construction for paper, cardboard and mixed material.

For automatic and continuous punching of binding perforations for loose leaf binding, filing hole systems, corner rounding, index cutting and other edge perforations.

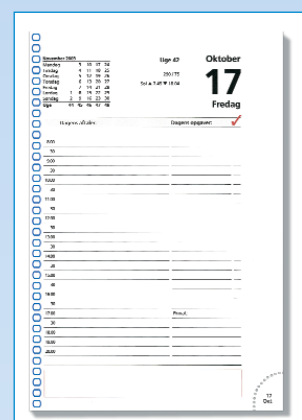
- Easy to operate by one person, because of the clear arrangement of the working sections.
- Well proven disc system in order to work from pile to pile without turning the product.
- One by one paper layer is separated from the bottom of the paper pile by means of separating discs.
- Transport to the punching station.
- Aligning of the sections and punching.
- Delivery into a deposit box in the same order as fed - from the bottom to the top.
- Simple and fast size adjustment.
- Easy and fast change of punching tools.
- A wide range of punching tools is available for wire and plastic binding, also combined with thumb hole cut, tear-off perforation and/or filing holes.
- Special punching tools according to customer requirements.



Technical data

	F 42 a	F 64 a
Paper size	max. 320 x 320 mm min. 148 x 100 mm	max. 420 x 420 mm min. 210 x 100 mm
Special equipment	min. 105 x 80	
Punching thickness	up to 2 mm	
Punching speed	4.200 - 5.000 punch operations/hour	
Punching capacity	up to 8 m paper pile / hour	
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!	
Required floor space	1,80 m x 0,90 m	2,10 x 1,00 m
Weight	450 kg	600 kg

Double Punching Machine F 42 D



Designed for the industrial production of stationery products, ring binder inserts and desk calendars, having rounded corners or/ and corner tear-off perforation.

For punching the binding perforation or filing holes and corner rounding or/and corner tear-off perforation in one working operation.

- Punching of the binding perforation or filing holes on the basic machine F 42 a.
- Transportation to the add-on punching machine.
- Corner rounding or corner tear-off perforation
- Delivery into the deposit box in the same order as fed.
- Simple and fast size adjustment.
- Easy and fast change of punching tools.
- Changeable tools for each binding perforation or filing hole system.
- Several types of corner rounding and tear-off perforation tools are available.
- Special punching tools according to customer requirements

Technical data

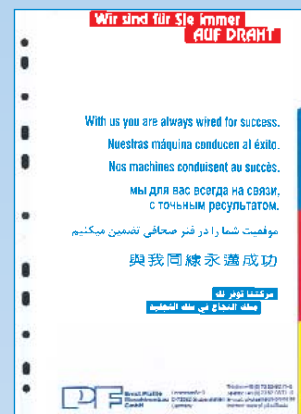
Station 1 Basic punching machine F 42 a	Punching of the binding perforation or filing holes
Station 2 Add-on punching machine F 42 d	Corner rounding or corner tear-off perforation
Paper size	max. 320 x 320 mm min. 148 x 100 mm
Punching thickness	up to 2 mm
Punching speed	4.200 - 5.000 punch operations/hour
Punching capacity	up to 8 m paper pile / hour
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!
Required floor space	2,80 m x 1,00 m
Weight	750 kg

Index Tab Cutting Machine

F 42 T/SPS



Designed for manufacturing index sheets of paper, cardboard or plastic.



For punching the binding perforation or filing holes and index tab cutting in one working operation.

- Punching of the binding perforation or filing holes on the basic machine F 42 a.
- Transportation to the add-on punching machine.
- Index cutting
- Delivery into the deposit box in the same order as fed.
- Simple and fast size adjustment.
- Easy and fast change of punching tools.
- SPS electronically linear control system for precise and fast change of the index positions.
- Changeable tools for each binding perforation or filing hole system.
- Several index cutting tools are available.
- Special punching tools according to customer requirements.



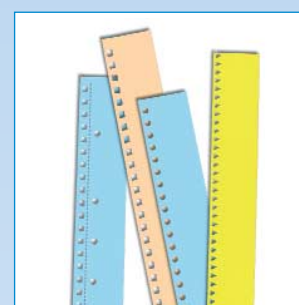
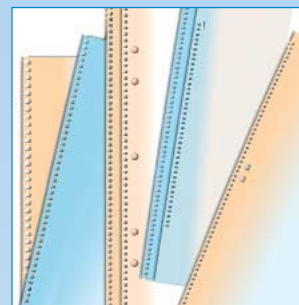
Technical data

Station 1 Basic punching machine F 42 a	Punching of the filing holes or binding perforation
Station 2 Add-on punching machine F 42 t	Index tabs cutting
Paper size	max. 320 x 320 mm min. 148 x 100 mm
Punching thickness	up to 2 mm
Punching speed	4.200 - 5.000 punch operations/hour
Punching capacity	up to 8 m paper pile / hour
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!
Required floor space	3,20 m x 1,00 m
Weight	850 kg

Die-grinding Machine for Punching Pins **F 42 s**



For grinding the pins of punching tools.

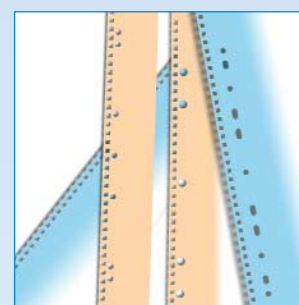
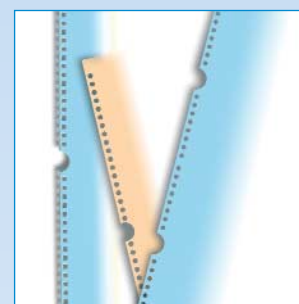


Regular re-grinding of the punching pins guarantees an equal punching quality, spares the matrix and ensures a long life of the tool.

- No costs and no waiting time for off site service.
- Very simple to operate.
- Suitable for nearly all punching tools of other manufacturers by means of adapters.
- Suitable for round, oval or square pins.
- Pin sharpening in one working process.
- Grinding of the matrix on a horizontal grinding machine (additional machine) is also recommended to maintain quality punching.



Pin grinding in one working operation



Technical data

Working width	up to 500 mm
Electrical equipment	230/400 V; 3 phase; 50/60 cy; 0,75 kW other voltage on request!
Required floor space	0,90 m x 0,60 m
Weight	140 kg

