



ProPunch – Punching Machines



Fully automatic punching machine



ProPunch 36 - 110

ProPunch Video



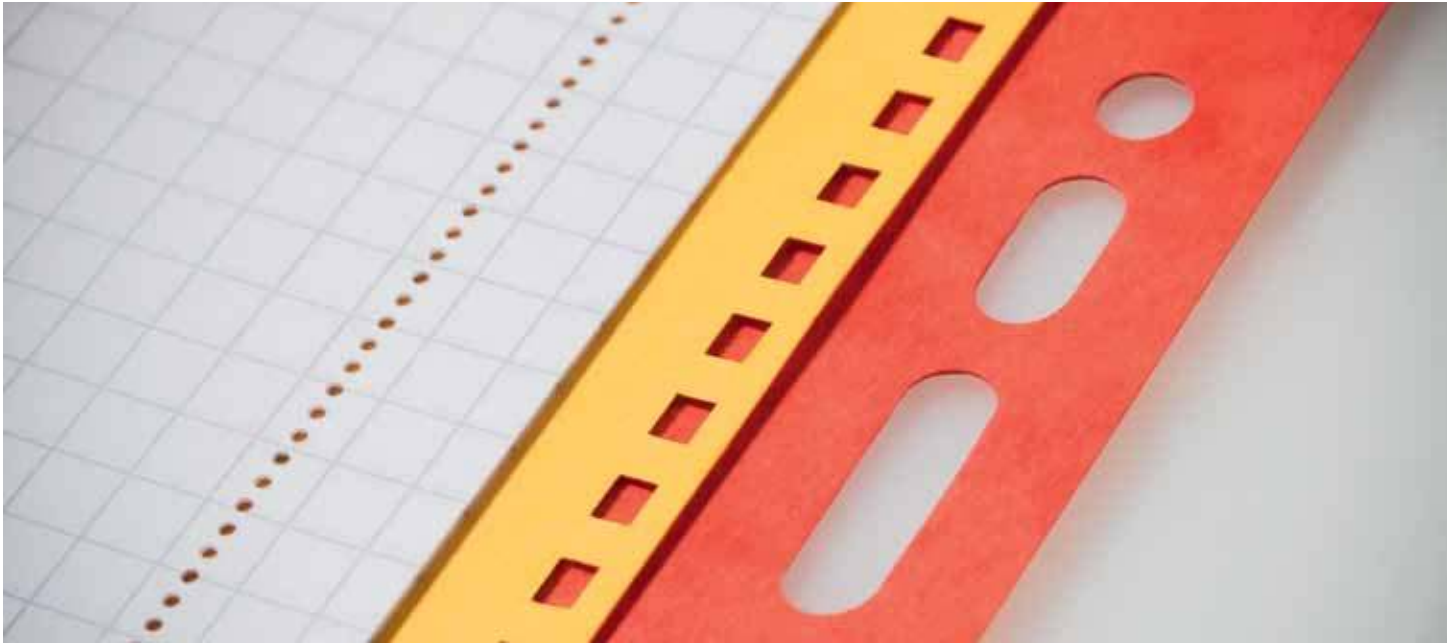
Kugler-Womako
A BW Papersystems Company

Fully automatic punching machine

The punching machines in our ProPunch series punch ring binder inserts just as easily as calendar and index sheets – whether they're of cardboard, paper or plastic. Even mixed materials can be processed without any problems. These high-performance, extremely compact punching machines are equipped with a non-stop feeder. The material is fed into the machine gently from above by a two-finger take-off system and aligned precisely prior to punching. The integrated turning wheel guarantees that the products are kept in the right sequence. Apart from their ergonomic and user-friendly design, the most important qualities of our low-maintenance ProPunch machines include their high productivity and their long service life.



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Punching tools

Punching is carried out mechanically via a high-precision cam. Each kind of punching layout requires a separate punching tool.



Several different kinds of punch in a single operation

Filing holes, perforations, tear-off perforations and binding holes can all be punched in a single operation.



EcoBinder

With the EcoBinder punching tool, the ProPunch is the ideal complement to the EcoBinder binding machine.



Perforate or punch

Kugler-Womako punching machines: for the perforation of ring binder inserts and calendar and register sheets in cardboard and plastic, paper for wire-bound articles, and much more.



Folding cartons

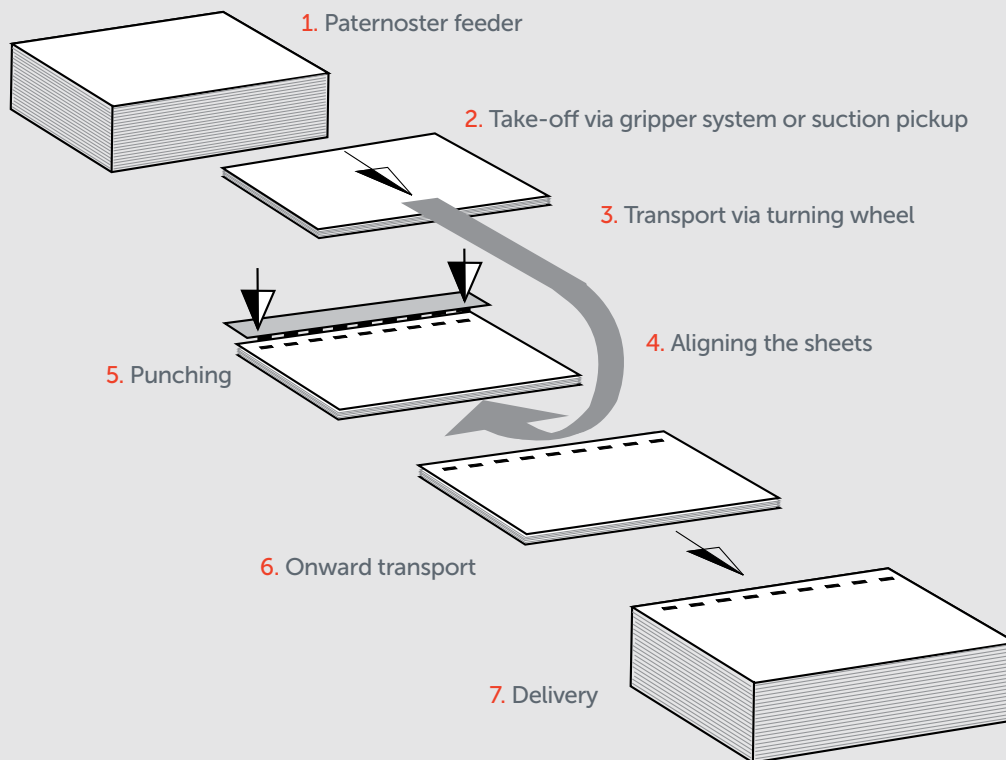
The ProPunch can also be used for punching folding cartons.



Thumbholes

The thumbhole for calendars can be punched at the same time as the holes for the binding itself.

How it works



Paternoster

The paternoster transports the loose sheets to the top in cycles. The thickness of the layer to be punched per cycle can be set simply by means of a handwheel.



Turning wheel

A turning wheel guarantees that printed and numbered products are kept in the right sequence.



Option: suction pickup

Thick cardboard layers (1-3 mm) can be processed individually via suction pickup. The maximum performance with suction pickup is approx. 80 cycles / minute. The changeover from the gripper system to suction pickup takes only a few minutes.



Gripper system

The unique gripper system with its two take-off fingers is designed in such a way that mixed materials such as paper and cardboard can also be processed without any problems. A blower unit, included as standard, can be activated to assist the process if required.

Delivery options



ProPunch 36 - 110



ProPunch 36 - 150

Vibrating delivery

Standard delivery on all models with up to 110 cycles / minute.

Run-out conveyor with vibrating delivery

Standard delivery on all models with up to 150 cycles / minute.

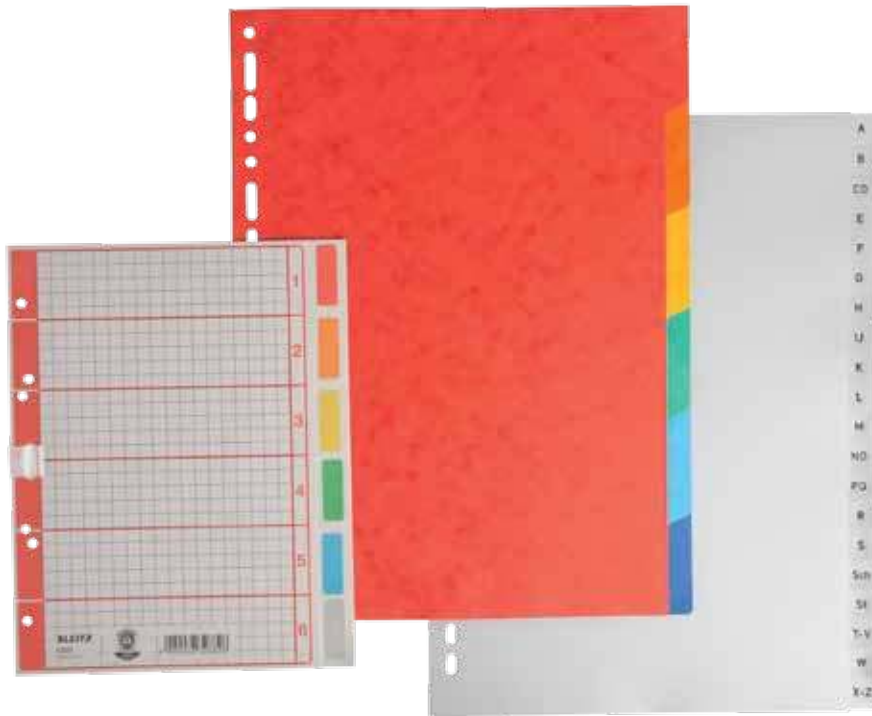


ProPunch 50 - 150

Deep-pile delivery

The additional option of deep-pile delivery is suitable for all models with up to 150 cycles / minute. The punched layers are aligned, stacked on a run-out conveyor up to a maximum height of 140 mm, and can then be removed as required.

Option index tab cut – can also be retrofitted



Punching all kinds of index and tab styles

The additional option index tab cut can either be installed right from the beginning or added later on. For the punching of the index, the index tool is pushed in between the various tabs. There are two different variants: adjustment via the index ledge or adjustment via a spindle.



Adjustment via index ledge

The tool is forwarded manually from tab to tab via notches in the index ledge, in which a spring-loaded finger engages. Adjustment via the index ledge is especially advantageous on recurring orders.



Adjustment via spindle

If the distances between the tabs vary from order to order, the more flexible adjustment via a threaded spindle may be a better option.



Technical data



ProPunch 70

The ProPunch punching machine is available in three different working widths, for products with widths of 36, 50 and 70 cm. For products with widths of 36 and 50 cm, you can choose between two different performance levels of up to 110 or 150 cycles / minute. For products with a width of 70 cm, the performance of the ProPunch is limited to 80 cycles / minute.

Model	ProPunch 36-110 ProPunch 36-150	ProPunch 50-110 ProPunch 50-150	ProPunch 70
Size range			
max.	*360 mm x 360 mm	*500 mm x 500 mm	*700 mm x 635 mm
min.	*105 mm x 85 mm	*120 mm x 105 mm	*200 mm x 200 mm
Size range with special tool			
max.	*360 mm x 360 mm		
min.	*105 mm x 75 mm		
Layer thickness per cycle up to	3 mm	3 mm	3 mm
Performance in cycles / minute up to	110 150	110 150	60 - 80
Machine size L x W x H	2,3 x 1,3 x 1,8 m 2,9 x 1,3 x 1,8 m	2,5 x 1,5 x 1,9 m 3,5 x 1,5 x 1,9 m	3 x 1,8 x 1,9 m
Weight	1150 kg 1250 kg	1580 kg 1630 kg	1750 kg

* punched edge

The performance data quoted above are dependent on the quality of the paper, the type of punching and the paper size.

Technical specifications may be subject to change without notice.

About us



Kugler-Womako, based in Nürtingen, Germany, designs, develops and manufactures machinery for the paper converting industry.

Its product portfolio includes double wire forming machines, machines for double wire, spiral and plastic spiral bindings, as well as a newly developed paper binding. In addition to punching machines and labeling systems, the company manufactures machines for the production of writing pads and folders, and guillotines for wet glue labels, films and other delicate specialty papers. In the area of passport machines, Kugler-Womako is the worldwide market and technology leader.

BW Papersystems, part of Barry-Wehmler, combines extremely strong brands, innovative technologies and longstanding experience for the paper and board sheeting; converting and corrugating industries.

Our companies MarquipWardUnited, Curioni, Will-Pemco and Kugler-Womako, as well as our brands of SHM, Wrapmatic and VortX, offer market leading technology.

With manufacturing plants in USA and Europe, parts and service centers in the USA, Germany, Mexico, Brazil, Singapore and China, and our exceptional and amazing people working all over the world, we are at your side with great products and comprehensive services.