

RENZ

AP 360 Digital



OVERVIEW

Heavy-duty, high-speed, professional, automatic, floor standing, auto-punch machine. For a range of book and calendar punching production.

- Punching dies for all types of ring wire, plastic comb, coil, calendars and bespoke dies are available.
- Two finger paper pick up system which can handle a range of mixed stock
- Fast die changes
- Optional 2-part split dies for book and calendar work
- Optional manual or digital format setup available
- Touch screen assisted set-up process with job memory. Digital version only
- Wheels allow the machine to be moved
- QSA (Quick Size Adjustment) for high flexibility of different paper formats⁽¹⁾
- Horizontal paper feeding for easy product loading

Maximum:



Width
14 inches



Punch up to ⁽¹⁾
2.4 mm

Output:



Mechanical cycles per
hour
6,000 / 7,000



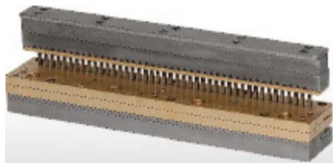
Max. punched sheets
per hour
100,000

All performance outputs are based on 80 gsm paper and may vary depending on the product type, the working environment and the operator.

⁽¹⁾ Dependent on the die type.

PROFESSIONAL SERIES

TECHNOLOGY



Professional dies can be made with standard or bespoke punch patterns.

Special tear off perforation dies and adjustable back stop are also available.

The machine comes equipped with eccentric shafts. This feature allows the dies to be re sharpened a few times.



Split two-part dies with thumb cut allow block punching as well as calendar punching without the need to invest in a second die.

QSA (Quick Size Adjustment) technology allows the quick cancellation of punching pins without having to remove the die.⁽¹⁾



Two finger paper pick-up system allows mixed paper stocks to be handled more easily.

Optional extra: Air blow system gives increased efficiency on difficult paper stocks.



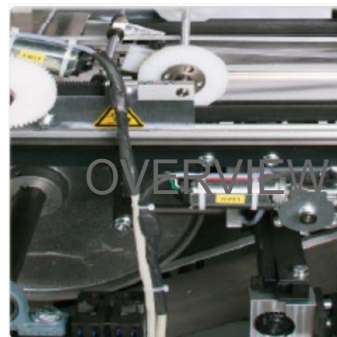
Turnover drum keeps the punched sheets in the correct page sequence and delivers them to the ejection system. Handling paperweights from 60 up to 800 gram.

Built with heavy duty components and the latest stepped motor technology to ensure a long lifespan.

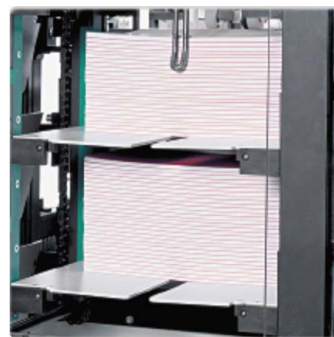
Optional extra: Speed increase with 120 cycles per/min. possible



Digital touch screen display for setup and up to 40 job memories.



Automatic adjustment for paper formats.



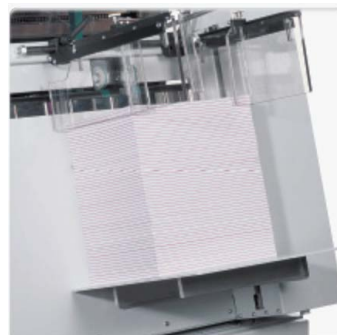
Paper feeding options: Paternoster for continuous running.



Paper feeding options: Deep pile



Paper output options: Jogger



Paper output options: Deep pile

PROFESSIONAL SERIES

AP 360 Digital

High speed, heavy duty auto-punch machine with auto-set up.
QSA (Quick Size Adjustment) allows for paper format change in minutes.
Save up to 500 projects with the Digital Touch Screen.
Punch up to 100,000 sheets per hour.

TECHNICAL SPECIFICATIONS

Mechanical cycles per hour	7,200
Mimimum punching width	4"
Maximum punching width	14"
Minimum unpunched length	3.34"
Maximum unpunched length	14"
Maximum punching thickness	2.4mm (25 sheets - 20lb. text)
Punching operation	Automatic
Punch dies available	3:1, 2:1 ring wire, calendar, coil, plastic comb, tear-off
Die type	Professional- QSA ring wire, Standard- coil, plastic comb, custom
Selectable punch pins (QSA)	Optional
Custom dies	Yes
Variable margin depth	Optional
Die changeover time	3 minutes
Machine dimensions L x W x H	79" x 30" x 63"
Machine weight	1500 lbs. (excluding die)
Power requirement	230V single phase

RENZ

A SOLUTION FOR EVERY APPLICATION

AP 360 Digital

Professional dies available in standard or custom punch patterns.

Split two-part dies with thumb cut allow punching without the need to invest in a second die. QSA (Quick Size Adjustment) allows for format changes in minutes without removing the die.

AP 360 Digital eccentric shafts allowing for dies to be re-sharpened.

DIE REFERENCE CHART
RING WIRE
3:1, 4 X 4mm, Square
3:1, 4 X 4mm, Square Thumb Cut
3:1, 4.5 X 4.5mm, Square
3:1, 4.5 X 4.5mm, Square Thumb Cut
3:1, 4mm, Ø
3:1, 4mm, Ø Thumb Cut
3:1, 4.5mm, Ø
3:1, 4.5mm, Ø Thumb Cut
2:1, 5.5 X 3.5mm, Oblong
2:1, 6 X 6mm, Square
2:1, 6.5 X 6.5mm, Square
2:1, 6mm, Ø
2:1, 6.5mm, Ø
COIL AND SPIRAL
6mm, 4mm, Ø
6mm, 4.5 X 3.6mm, Oval
0.2475", 5 X 4mm, Oval
PLASTIC COMB
US, 8 X 3mm, Oblong

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