

RENZ

the
BindRite™
dealer network



PUNCH 500 ES

Heavy-duty, professional punch machine. Very versatile machine for all types of book and calendar punching production.

PREMIUM QUALITY WORLDWIDE
MADE IN GERMANY 

- Punching dies for all types of ring wire, plastic comb, coil and calendars
- Bespoke professional dies are available on request
- Fast die changes
- 2-part split dies for book and calendar work
- QSA (Quick Size Adjustment) for high flexibility of different paper formats⁽¹⁾
- Punch a wide range of mixed stocks
- Horizontal paper feeding

 Width
500 mm

 Punch up to⁽¹⁾
4,0 mm

 Mechanical cycles
per hour
3.000

 Max. punched sheets
per hour
36.000

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.



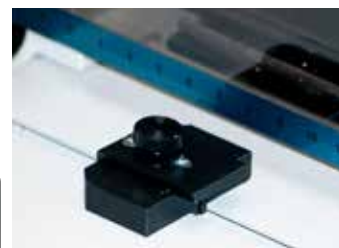
Standard punching dies(A) with a working width of 500 mm fit the Punch 500 series. Professional punching dies(B) can be made with standard or bespoke punch patterns. Adjustable back stop is also possible. These dies only fit the Punch 500 ES and Punch 500 HD models.



Split two-part dies with thumb cut allow back 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⁾



Punch 500 ES models come equipped with eccentric shafts. This feature allows for the installation of all Standard Punch 500 dies and Professional Punch 500 dies, which can be re-sharpened a few times.



Micro switch is a sensor that will automatically trigger the punch when the paper is inserted into the die slot. This is available on the Punch 500 ES for a more efficient workflow.



Optional available:
Solid metal stand and logistics tables to improve product workflow and output.

Punch 500 ES	
Mechanical cycles per hour	3,000
Min. punching width	60 mm with foot pedal 105 mm with micro switch
Max. punching width	500 mm
Min. unpunched length	70 mm with foot pedal 110 mm with micro switch
Max. unpunched length	800 mm
Max. punching thickness	4 mm ⁽¹⁾
Punching operation	Micro switch or Foot pedal
Punch dies available	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die types	Standard, Professional
Selectable punch pins (QSA)	Standard dies: Yes Professional dies: Optional
Bespoke dies	Standard dies: No Professional dies: Yes
Variable margin depth	Standard dies: No Professional dies: Optional
Die changeover time	3 min
Machine dimensions L x W x H	670 x 450 x 400 mm
Machine weight	112 kg ⁽²⁾
Machine packing dimensions L x W x H	900 x 670 x 680 mm
Machine weight with packing	174 kg ⁽²⁾
Power requirement	3/N/PE~400/230V 50Hz / 3,5kW 3/PE~200/115V 60Hz / 3,5kW

Technical modifications may be made without notice.
1 mm = 10 sheets of paper, based on 80 gsm.

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.

⁽²⁾ Weight excluding the die.