



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 

Illustrated: Punch 500 ES



Customer benefits:

- Punching dies for all types of ring wire, plastic comb, coil and calendars
- Bespoke professional dies for the Punch 500 ES 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

Maximum:

-  Width **500 mm**
-  Punch up to⁽¹⁾ **4.0 mm**

Output:

-  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 in the Punch 500 ES model.



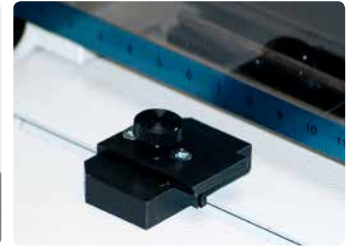
Split two-part dies with thumb cut allow back block punching as well as calendar punching without the need to invest in a second die.

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



Punch 500 ES model 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 model for a more efficient workflow.

Technical data:	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 standard die: ⁽¹⁾	3,6 mm
Max. punching thickness professional die: ⁽¹⁾	4,0 mm
Punching operation:	Micro switch or foot pedal
Punch dies available:	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die type: <u>Standard</u>	
Selectable punch pins (QSA):	Yes
Bespoke dies:	No
Variable margin depth:	No
Die type: <u>Professional</u>	
Selectable punch pins (QSA):	Optional
Bespoke dies:	Yes
Variable margin depth:	Optional
Die changeover time:	3 min
Machine dimensions L x W x H:	670 x 450 x 400 mm
Machine weight: ⁽²⁾	112 kg
Machine packaging dimensions L x W x H:	900 x 670 x 680 mm
Machine weight with packaging: ⁽²⁾	174 kg
Power requirement:	3/N/PE~400/230V 50Hz / 3,5kW 3/PE~200/115V 60Hz / 3,5kW



Logistic table

Optional stand and logistics tables for improving product workflow and output.

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.

For further information and videos please visit: