



Punch 500 | Punch 500 ES | Punch 500 HD

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 or Punch 500 HD 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 the Punch 500 ES and Punch 500 HD models.



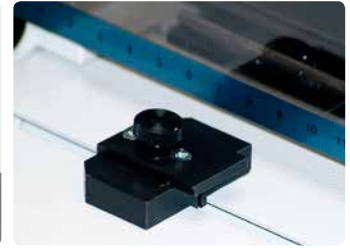
Split two-part dies with thumb cut allow block punching as well as calendar punching without the need to invest in a second die.

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

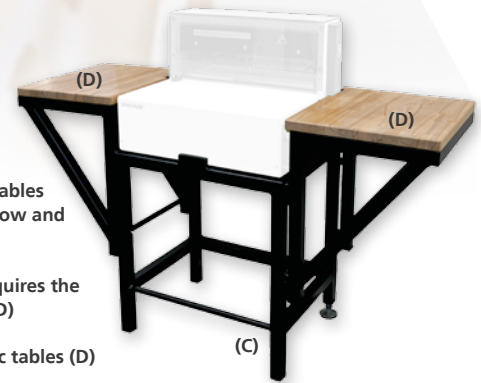


Punch 500 ES and Punch 500 HD models come equipped with eccentric shafts.

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 and Punch 500 HD models for a more efficient workflow.



Logistic table

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

Punch 500 & Punch 500 ES requires the stand (C) and logistic tables (D)

Punch 500 HD requires logistic tables (D)

Technical data:	Punch 500	Punch 500 ES	Punch 500 HD
Mechanical cycles per hour:	3,000	3,000	3,000
Min. punching width:	60 mm	60 mm with foot pedal 105 mm with micro switch	60 mm with foot pedal 105 mm with micro switch
Max. punching width:	500 mm	500 mm	500 mm
Min. unpunched length:	70 mm	70 mm with foot pedal 110 mm with micro switch	70 mm with foot pedal 110 mm with micro switch
Max. unpunched length:	800 mm	800 mm	800 mm
Max. punching thickness standard die: ⁽¹⁾	3,6 mm	3,6 mm	3,6 mm
Max. punching thickness professional die: ⁽¹⁾	-	4,0 mm	4,0 mm
Punching operation:	Foot pedal	Micro switch or foot pedal	Micro switch or foot pedal
Punch dies available:	3:1, 2:1 ring wire, calendar, coil, plastic comb	3:1, 2:1 ring wire, calendar, coil, plastic comb	3:1, 2:1 ring wire, calendar, coil, plastic comb
Die type: Standard			
Selectable punch pins (QSA):	Yes	Yes	Yes
Bespoke dies:	No	No	No
Variable margin depth:	No	No	No
Die type: Professional:			
Selectable punch pins (QSA):	-	Optional	Optional
Bespoke dies:	-	Yes	Yes
Variable margin depth:	-	Optional	Optional
Die changeover time:	3 min	3 min	3 min
Machine dimensions L x W x H:	670 x 450 x 400 mm	670 x 450 x 400 mm	1,500 x 600 x 1,050 mm
Machine weight: ⁽²⁾	110 kg	112 kg	210 kg
Machine packaging dimensions L x W x H:	900 x 670 x 680 mm	900 x 670 x 680 mm	1,680 x 680 x 1,280 mm
Machine weight with packaging: ⁽²⁾	172 kg	174 kg	232 kg
Power requirement:	3/N/PE-400/230V 50Hz / 3,5kW 3/PE-200/115V 60Hz / 3,5kW	3/N/PE-400/230V 50Hz / 3,5kW 3/PE-200/115V 60Hz / 3,5kW	3/N/PE-400/230V 50Hz / 3,5kW 3/PE-200/115V 60Hz / 3,5kW

Technical modifications may be made without notice.

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

For further information and videos please visit:

1 mm = 10 sheets of paper, based on 80 gsm.

⁽¹⁾ Dependent on the die type.

⁽²⁾ Weight excluding the die.