RENZ®

Punch 500 Series

Professional heavy duty punch models

■ **Punch 500**
■ **Punch 500 ES**
■ **Punch 500 HD**

Heavy duty production punch with a maximum working width of 500 mm for book and calendar production with a 4 mm[1] punching throat.

PREMIUM QUALITY WORLDWIDE
MADE IN GERMANY

Your advantages:

The machine will remove all the bottle necks for punching and make it a lot easier to keep customer jobs in house. Allowing you to maintain a quick turnaround and maximise the return on investment.

Ideal for:

■ Book and calendar work
■ Thick covers
■ Digital stock
■ Photographic paper
■ Offset printed stock

Features:

■ Punching patterns for all ring wire, plastic comb, coil, calendars and bespoke dies available on request
■ Fast die changes in under 5 minutes
■ 2 part split dies for calendar work
■ QSA (Quick Size Adjustment)
■ Horizontal paper feeding
■ Heavy duty construction
■ Quality "Made In Germany"

Punch 500
Standard machine

Punch 500 ES
Standard machine complete with eccentric shafts and micro switch

Punch 500 HD
Standard machine complete with eccentric shafts, micro switch and solid metal stand

Punch 500 HD
can be upgraded with optional logistic table for improving product workflow

[1] **Dependent on paper stock.**
  Best punching results with
  2 - 2.5 mm thickness.

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Standard Punch 500 dies[a] with a working width of 500 mm fit the Punch 500.

Professional Punch 500 dies[b] can be made with bespoke punch patterns as well as common punch patterns. The main advantage is they can be re-sharpened. These dies only fit the Punch 500 ES and Punch 500 HD models.
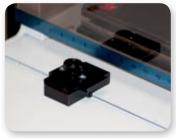
Split two part dies with thumb cut allow book block punching as well as calendar punching without the investment in a second die.

QSA (Quick Size Adjustment) technology allows simple format changes without the need for removing the die, through the cancellation of punch pins.
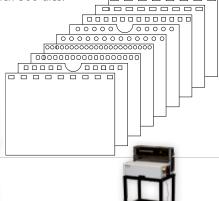
Punch 500 ES and Punch 500 HD models come equipped with eccentric shafts.

This feature allows the installation of all Standard Punch 500 dies, Professional Punch 500 dies and sharpened Professional Punch 500 dies.

Micro switch is a sensor that will automatically trigger when the paper is inserted into the die slot. Available on the Punch 500 ES and Punch 500 HD models for more efficient workflow.

Technical Data

Model:	Punch 500	Punch 500 ES		Punch 500 HD	
Mechanical cycles per hour: [1]	1200	1200		1200	
Max. punching width:	500 mm	500 mm		500 mm	
Min. punching width:	10 mm	10 mm		10 mm	
Max. unpunched length: [1]	∞	∞		∞	
Min. unpunched length: [1]	60 mm	60 mm		60 mm	
Max. punch thickness: [2]	2 mm - 4 mm	2 mm - 4 mm		2 mm - 4 mm	
Punch pattern:	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	Standard	Professional	Standard	Professional
Selectable punch pins (QSA):	Yes	Yes	Optional	Yes	Optional
Bespoke dies:	No	No	Yes	No	Yes
Variable depth margin:	No	No	Optional	No	Optional
Die changeover time:	Less than 5 mins.	Less than 5 mins.		Less than 5 mins.	
Operation:	Foot pedal	Foot pedal / Micro switch		Foot pedal / Micro switch	
Machine dimensions L x W x H:	745 x 500 x 480 mm	745 x 500 x 480 mm		745 x 500 x 1050 mm	
Machine weight: [3]	150 kg	152 kg		210 kg	
Machine packing dimensions L x W x H:	880 x 650 x 670 mm	880 x 650 x 670 mm		880 x 650 x 670 mm	
Machine weight with packing: [3]	172 kg	174 kg		232 kg	
Power requirement:	230/400 V, 50Hz / 3 ph. 240/415 V, 50Hz / 3 ph. 115/200 V, 60Hz / 3 ph.	230/400 V, 50Hz / 3 ph. 240/415 V, 50Hz / 3 ph. 115/200 V, 60Hz / 3 ph.		230/400 V, 50Hz / 3 ph. 240/415 V, 50Hz / 3 ph. 115/200 V, 60Hz / 3 ph.	

Technical modifications without notice

1 mm = 10 sheets of paper, based on 70/80 gsm

[1] Performance is dependent on product type, working environment and operator
[2] Dependent on punch pattern and die type
[3] Weight excluding die

For further information and videos please visit: www.renz.com