

**RENZ MOBI 500**

Semi automatic, mobile RENZ RING WIRE<sup>®</sup>  
wire comb binding machine  
for blocks, calendars and skip binding



PROFESSIONAL LINE

Designed by Egg Büro vierzweifel GmbH, Schwabach, Germany, tel. +49 (0)7175 999120

**FEATURES**

- ❑ Simple touch screen controls enable rapid format changes
- ❑ No special training required
- ❑ Short set-up times using a motorized changeover process
- ❑ Fully equipped for working with 13 wire diameters 3/16"-1 1/4" (5.5-32 mm)
- ❑ Maximum output\*: 800 blocks or 700 calendars per hour
- ❑ No compressed air required
- ❑ Outstanding product using proven technology, made in Germany

\* depends on product, logistics and operator

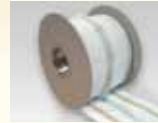
The RENZ RING WIRE<sup>®</sup> wire comb binding system and calendar hangers are available in 9 standard colours and 5 metallic finishes.



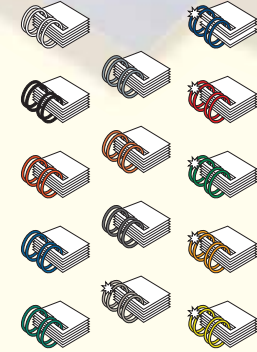
RENZ RING WIRE<sup>®</sup>  
Quality spools



RENZ calendar hangers – loose



RENZ calendar hangers – on a roll



Order number 494720450 - 0508

DIMENSIONS AND DATA - AT A GLANCE

RENZ MOBI 500	
Bound side	min. 50 mm (= 5 loops at 3:1, 4 loops at 2:1) max. 500 mm (= 58 loops at 3:1, 39 loops at 2:1)
Unbound side	min. 90 mm
Block thickness max.	26 mm
Possible diameters	3/16"-1 1/4" (5.5-32.0 mm)
Pitch	3:1 and 2:1
Mechanical strokes	Variable, adjustable from 100-1.000 cycles per hour
Practical output per hour	800 books or 700 calendars*
Time required for diameter change	2-10 min*
Power supply	230/400 V 50 Hz
Dimensions l x w x h	290 x 150 x 200 cm
Space requirement	4.4 m <sup>2</sup>
Weight	Approx. 500 kg (net, without calendar hanger dispenser)

Technical modifications reserved

\* depends on product, logistics and operator



Operator friendly touch screen control, providing very rapid format changes.



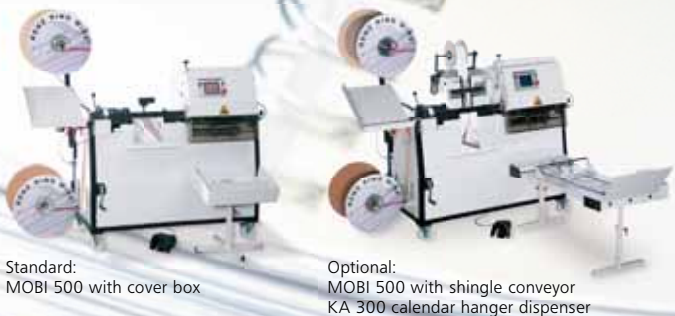
Equipped for processing 13 wire diameters as standard: 3/16"-1 1/4" (5.5-32 mm) Change guide plates easily, in seconds Each diameter requires a guide plate = supplied.



Manually hanging the pre-punched product in the binding element is easy. A footswitch activates the transport to the binding station.



Height adjustable shingle conveyor or with adjustable overlap setting, running continuously. See diagram (available as an option). Height adjustable cover box supplied



Standard: MOBI 500 with cover box

Optional: MOBI 500 with shingle conveyor KA 300 calendar hanger dispenser



Automatic spool take-up with integrated separating paper winding for easy processing of all wire sizes. Separating paper winding system reduces the amount of waste produced.



**KA 300R**  
Calendar hanger dispenser for automatic feed of calendar hangers on a roll (80-300 mm long). Loose calendar hangers can also be processed using this dispenser.



**KA 300**  
Calendar hanger dispenser for automatic feed of loose calendar hangers (80-300 mm long).

POSSIBLE DIAMETERS

3:1 pitch

Diameter		Binding thickness
inches	mm	mm
3/16"	5,5	3,0
1/4"	6,9	5,0
5/16"	8,0	6,0
3/8"	9,5	7,5
7/16"	11,0	9,0
1/2"	12,7	10,0
9/16"	14,3	11,0
5/8"	16,0	13,5

2:1 pitch

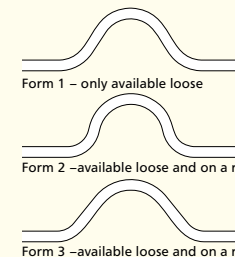
Diameter		Binding thickness
inches	mm	mm
5/8"	16,0	13,5
3/4"	19,0	15,0
7/8"	22,0	18,0
1"	25,4	20,0
1 1/8"	28,5	23,0
1 1/4"	32,0	27,0

The thickness of the book determines the wire diameter. If you use the wrong size wire it might have an effect on the quality of the bind. Please refer to the chart in the Mobi 500 manual.

LENGTH OF CALENDAR HANGERS THAT CAN BE PROCESSED

loose	on rolls
mm	mm
80	80
105	105
150	150
200	200
250	250
290	290

These formats can be processed on the MOBI 500:



FEATURES

- Practical binding output of 700-800 units per hour (depends on product, logistics and operating personnel)
- Equipped for processing 13 diameters 3/16"-1 1/4" (0.5-32.0 mm)
- No compressed air required, very quiet operation
- Possible binding widths: 50-500mm
- Very short set-up times
- No need for specially trained personnel
- Rapid format changes with the user friendly touch screen
- Very mobile (wheels)
- Outstanding product using proven technology, made in Germany

MATCHING PUNCHING TECHNOLOGY FROM RENZ

We offer the right solution for all cover heights, according to customer requirements



Punch 500\*

Table top electric punching machine Working width 500mm Changeable tooling Book heights up to 4mm\*\* Output - up to 500 cycles per hour\*\*\*



Super 700\*

High performance electric punching and perforating machine. Working width 700mm Changeable tooling Book heights up to 4.5mm\*\* Output - up to 500 cycles per hour\*\*\*



Autopunch 700\*

Fully automatic punching and perforating machine. Working width 360 x 360mm Changeable tooling Book heights up to 3.5mm\*\* Output - up to 100 cycles per minute\*\*\*



Kugler ProPunch 36\*

Fully automatic punching and perforating machine. Working width 360 x 360mm Changeable tooling Book heights up to 3 mm\*\* Output - up to 150 cycles per minute\*\*\*

\* See separate brochure  
\*\* Depending on tools  
\*\*\* Depending on material to be punched

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