



## ABL 500

Industrial, high-speed, fully-automatic production RENZ RING WIRE® binding line for books, calendars and skip binding.



PREMIUM QUALITY WORLDWIDE  
MADE IN GERMANY

Illustrated: ABL 500 with DBW 500

### Customer benefits:

- For all types of ring wire, skip binding & calendars
- Simple & fast automatic on-screen machine setup
- Touch screen assisted set-up process
- Easy product loading
- Optional extra:
  - Job memory, storage of up to 50 jobs
  - KAS calendar hanger systems
  - Integrated cover page lifting device

### Maximum:

Width  
500 mm

Bind up to  
15 mm

### Output:

Max. bound products  
per hour  
2,000





Operator-friendly, multi-language, touch screen control panel allows format changes to be made quickly and easily. The job memory function for the automatic storage of product settings is available as an optional extra.



In-feed triggered by a magic eye. The delivery system accurately feeds the product into the binding station.



Closing bar sets are required for each individual wire diameter. The Renz closing bars guarantee a perfectly round close every time.



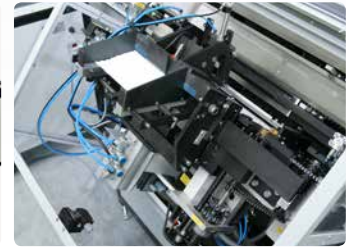
Cover sheet turner can lift a min. 300 gsm. back cover off the product.



Optional extra: DBW 500 - conveyor flips the back cover into position.



Optional extra: KL 500 cross stacking unit stacks the product ready to be packed.



Optional extra: KAS calendar hanger systems are unique in that they take straight wire and pre-form the hanger into a standard or euro hanger profile.

For ABL 500:  
KAS 300 IL, 80 - 300 mm straight wire.

Technical data:	ABL 500
Mechanical cycles per hour:	2,100
Pitch:	3:1, 2:1
Binding thickness:	15 mm
Binding element Ø:	5.5 - 19 mm 3/16" - 3/4"
Min. binding width:	70 mm
Max. binding width:	500 mm
Min. unbound edge: <sup>(1)</sup>	135 mm
Max. unbound edge: <sup>(1)</sup>	700 mm
Binding operation:	Automatic
Time required for diameter change:	20 min
Format change without diameter:	3 min
Calendar hangers:	Optional
Machine dimensions L x W x H: <sup>(3)</sup>	3,400 x 2,840 x 1,600 mm
Machine weight: <sup>(2)</sup>	1,300 kg
Machine packaging dimensions L x W x H:	Dependent on the configuration
Machine weight with packaging:	Dependent on the configuration
Compressed air:	7.5 bar / 450 l/min
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. Dependent on the machine type and the configuration.

<sup>(1)</sup>Special adaptor kits required for other formats.

<sup>(2)</sup>Weight without closing bars.

<sup>(3)</sup>Dependent on the machine type and the configuration.

For further information and videos please visit: