



The all-rounder automatic Wire-O[®] punch & bind machine for books and calendars

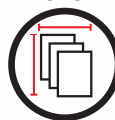


The **WIL420SP[®]** provides the ultimate productivity level in a minimum footprint, offering production speeds with an output ranging from 1,500 to 3,000 documents per hour pending on format. It remains an affordable investment and will bind a wide variety of applications including note pads, exercise books, diaries as well as wall and desktop calendars for a truly automated in-line Wire-O[®] punch and bind solution.

FEATURES & BENEFITS

- **Efficient:** Speeds of up to 3 000 documents per hour, with constant high quality.
- **Versatile performances:** Punches and binds books and calendars up to 8 mm (3/8" Wire-O[®]). Can also be used in a bind only operation for book sizes up to 19 mm (7/8" Wire-O[®]) thick.
- **Reliable and efficient operation**
- **Modern design using the latest engineering**
- **User friendly operation with control panel**
- **Flexibility and adaptability**
 - Quick set up times
 - Wide variety of applications
 - Many options enabling allowing an installation perfectly adapted to your needs.
- **The perfect solution for web-to-print applications**

Sheet Size



Min. BE* 110x130 mm
Max. BE* 420x420 mm
*BE = Binding Edge

Book Thickness



Up to 8 mm (punch & bind)
Up to 19 mm (binding)

Books per Hour



Up to 3.000

Wire-O[®] Sizes



1/4" to 7/8"

Power Requirements



400 VAC, 60/50Hz,
3 ph+pE 20A - 7,5 kW

Air Required



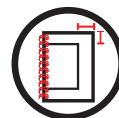
5 bar 400l/min

Calendar Hangers



Former and feeder

Oversized Front & Back Covers



Yes, only for binding from 1,5 to 3,5 mm

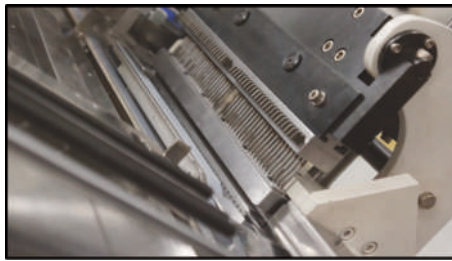
Bar Code Reader



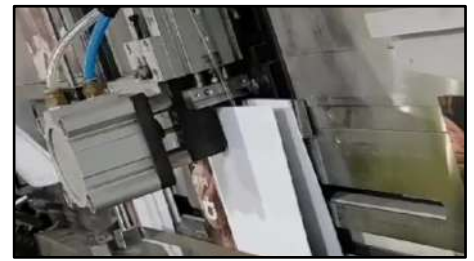
At reception



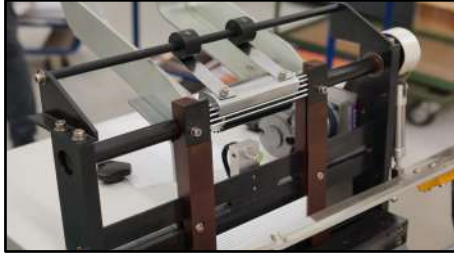
User friendly operation with control panel simple and easy to use



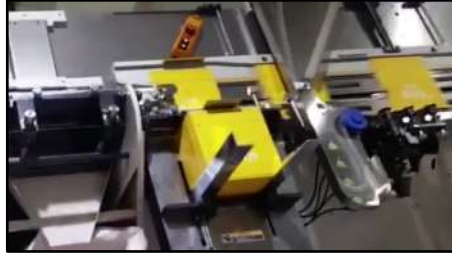
Split-punching station allowing for a punching capacity of up to 8 mm books or calendars



Nail hole punching module for calendars



Hanger former and feeder module



Punched back board & easel feeder module



Feeding interlinking with flat bed collator



Smooth reception unit with electric conveyor



Installation of a bar code reader at the reception

INPUT - OUTPUT & FORMAT SPECIFICATIONS

Mec. Speed (cycles/h)	3.000
Standard feeding	Manual by operator
Feeding interface from flat-bed collator	Optional
Reception	Conveyor
Missing/double sheet detection	Optional
Max binding thickness	19 mm with 7/8" Wire-O®
Skip binding	Multiple
Punch / bind width (max / min)	420 mm / 110 mm
Sheet length (max / min)	420 mm / 130 mm
Wire-O® max punching thickness	8 mm
Nail hole punching module	Optional (max thickness: 6 mm)
Nail hole distance to punched edge	209,5 to 341 mm
Hanger former & feeder module	Yes
Back board & easel feeder module	Optional (thickness from 1.5 to 3 mm)
Oversized front & back cover width and length (max 1.5 mm each side to be the same between front & back)	Punching not possible. Binding only possible with pusher. Pre-punched content & covers fed together. Max cover thickness: 5 mm
Oversized calendar back board length or desk top calendar easel (max 60 mm)	Punching of back board or easel possible. Fed underneath content & front page, - punched on the machine if total thickness is less than 6 mm - pre-punched otherwise

FUNCTIONAL SPECIFICATIONS

Punching tool	Full length 3:1 book and calenddrs
Retractable pins	Yes
Tool change over time	5 min
Control panel	Push button
Wire-O® size set up time	
- (Same pitch)	15 min
- (Different pitch)	25 min
Format set up time	5 min
Punching thickness set up time	5 min
Machine dimensions (LxWxH in m)	3.9 x 1.7 x 1.6
Power supply	220-380V 3ph 60/50Hz
Power requirement	6 kW
Air supply	5 bar 400L/min

* All above outputs are based on 80 gsm plain paper and will vary pending on the nature of the document, the operator skills and the work organisation.