

**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 an installation perfectly adapted to your needs.
- **The perfect solution for web-to-print applications**

Sheet Size



Min. BE* 110x130 mm Up to 8 mm (punch & bind)
Max. BE* 420x420 mm Up to 19 mm (binding)

*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



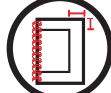
5 bar 400l/min

Calendar Hangers



Former and feeder

Oversized Front & Back Covers



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

Bar Code Reader



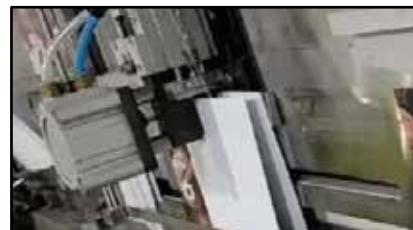
At reception



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 | | FUNCTIONAL SPECIFICATIONS | |
|--|--|---------------------------------|-----------------------------------|
| Mec. Speed (cycles/h) | 3.000 | Punching tool | Full length 3:1 book and calendas |
| Standard feeding | Manual by operator | Retractable pins | Yes |
| Feeding interface from flat-bed collator | Optional | Tool change over time | 5 min |
| Reception | Conveyor | Control panel | Push button |
| Missing/double sheet detection | Optional | Wire-O® size set up time | |
| Max binding thickness | 19 mm with 7/8" Wire-O® | - (Same pitch) | 15 min |
| Skip binding | Multiple | - (Different pitch) | 25 min |
| Punch / bind width (max / min) | 420 mm / 110 mm | Format set up time | 5 min |
| Sheet length (max / min) | 420 mm / 130 mm | Punching thickness set up time | 5 min |
| Wire-O® max punching thickness | 8 mm | Machine dimensions (LxWxH in m) | 3.9 x 1.7 x 1.6 |
| Nail hole punching module | Optional (max thickness: 6 mm) | Power supply | 220-380V 3ph 60/50Hz |
| Nail hole distance to punched edge | 209,5 to 341 mm | Power requirement | 6 kW |
| Hanger former & feeder module | Yes | Air supply | 5 bar 400L/min |
| 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 | | |

* 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.