

High speed automatic in line punch & binder for plastic spiral



The **CFIL380MP** is a highly efficient automatic solution to punch, form & bind in plastic spiral bound booklets with an output of up to 1.000 documents/hour pending on the nature of the document, the operator skills and the work organisation. It is fitted with a multi-punching module that separates the document into up to 6 bites and is able to punch nearly instantaneously up to 15 mm thick documents. There is consequently hardly no waiting time for the in line binding station. The standard crisscross delivery module facilitates bound booklets packaging operation and helps boosting productivity.

FEATURES & BENEFITS

- **Versatile:** The low-temperature plastic spiral-forming technology allows the production to be stopped and facilitates frequent format changes.
- **Efficient:** It binds up to 1.000 documents per hour. Its multiple-perforation module separates the document into a maximum of 6 pinches, enabling documents up to 15mm thick to be punched almost instantaneously with minimum impact on the insertion cycle of the plastic spiral, which is formed in-line by the machine.
- **Easy-to-use:** The most format adjustments are made via the touch screen, and mechanical adjustments are easily accessible. The standard head-to-tail infeed module facilitates packing operations.
- **Safety:** The built-in safety functions help to increase user safety.

Size books



Min. BE* 80x140mm
Max. BE* 380x340mm
*BE = Binding Edge

Thickness books



Punch & bind:
Up to 15mm
Only binding:
Up to 18mm

Capacity per Hour



Up to 1.000 documents / hour

Plastic spiral sizes



From 8 to 22mm

Power Requirements

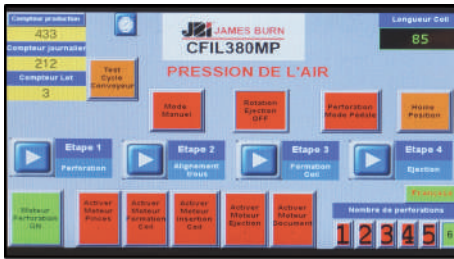


400 VAC, 60/50Hz,
3 ph+pE 20A - 7,5 kW

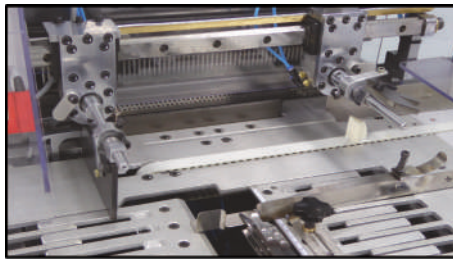
Air required



6 bar - 400L/min



Touch screen for easy operation control



Multi-perforation module separates the document into 6 pinches (max) for near-instantaneous perforation of documents up to 15mm thick



Pre-insertion alignment module



Low-temperature gorming technology...



...with simultaneous insertion



Plastic spiral insertion module



Plastic spiral insertion module



Automatic transport of the bound document onto a reception conveyor



Head-to-tail reception to facilitate packing operations

TECHNICAL CHARACTERISTICS	
Mechanical speed (cycles/h)	Up to 1.000 documents/hour
Document feeding	Manual by operator
Cycle start	Automatic presence detection
Type of reception	On conveyor with head-to-tail reception
Max document thickness	18mm with plastic spiral diam. 22mm
Plastic spiral diameter	From 8mm to 22mm
Filament diameter	1.8mm (spirals from 8mm to 16mm) 2.0mm (spirals from 18mm to 22mm)
Max format (Binding Edge)	380mm
Min format	80mm (Binding Edge) x - 140mm for docs with thickness <10mm - 200mm for docs with thickness >10mm
Max format (No-Binding Edge)	340mm
Max punching thickness	15mm (with 6 punches)
Max cover thickness	2mm

FUNCTIONAL CHARACTERISTICS	
Punching tool and pitch	4x5mm oval holes at 6.2865mm / .2475" pitch with extractable pins
Control panel	Touch screen
Spiral adjustment time	25 minutes
Format adjustment time	15 minutes
Thickness adjustment time	10 minutes
Dimensions including conveyor (LxDxH)	3,5 x 1,5 x 1,5m 11'6" x4'11"x4'11"
Net weight	1600 kg (3517 lbs.)
Rated network power	3ph 400 VAC 60/50Hz
Power supply	380-420V 3ph+earth 60/50Hz
Power consumption	20A - 7.5kW
Air requirement	6 bar 400l/min

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