



# SF SERVICES

[www.sfservices.com](http://www.sfservices.com)

Tel: +44 (0)1473 707223 [servicing@sfservices.com](mailto:servicing@sfservices.com)  
Unit 8, 4 Berwick Road, Ipswich, IP3 9RY, England

## Miller Johannesburg 104S 720mm x 1040mm Cylinder Foil Blocking Machine



Our Ref: **221110 Joberg 2022**

Key Features: **2009 Fully rebuilt 2022**  
Miller Johannesburg 104S – Manufactured by FTP  
3 foil pull rollers  
Honey comb chase  
PLC control system  
Presently in storage

Price: On request

Contact us today for more details  
**Tel: +44(0)1473 725161 Email: [info@sfhotfoil.com](mailto:info@sfhotfoil.com)**





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## Miller Johannesburg 104S 720mm x 1040mm **Cylinder Foil Blocking Machine**

### History

The base machine was fully refurbished in 2022  
Full safety side door interlock system fitted

### Base machine

The base machine is a Miller Johannisberg 720x1040 cylinder machine.  
Features include:

- Max sheet size 730m x 1040mm
- Auto sheet feeder
- Double sheet detection
- Mechanical side and head lays + Electronic sensor Head lays



### Foil system

Features:

- 3 Foil draw rollers pull-through unit – “A” Frame
- Foil tray for up to rolls @1500ft
- PLC control system
- Precision Stepper drive motor driven for total accuracy of foil pull

### Heated bed

Features:

- Standard toggle style die fixing bed / chase
- High grade aluminium, machined and ground to a high quality
- 4 zone heated bed
- Thermocouple per zone, providing total control of heat distribution
- Set for 6.35mm die height (Can be converted to 7mm)



### Electrical system

Features:

- PLC control system
- Electrical control panel front of press
- 4 individual temperature bed controllers - 0 - 200 O°
- Elect Panel control
- Electronic front lay sheet detection



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## Miller Johannesburg 104S 720mm x 1040mm **Cylinder Foil Blocking Machine**

### **Paper Handling**

|                          |                                  |
|--------------------------|----------------------------------|
| Maximum Mechanical Speed | <b>3500 Impressions per hour</b> |
| Maximum Sheet Size       | <b>720 x 1040mm</b>              |
| Minimum Sheet Size       | <b>297 x 420mm</b>               |
| Maximum Stamping Area    | <b>710 x 1020mm</b>              |
| Sheet Thickness          | <b>54 – 400 g/m<sup>2</sup></b>  |
| Minimum Grip Distance    | <b>10mm</b>                      |
| Height of Feeder Pile    | <b>500mm</b>                     |
| Height of Delivery Pile  | <b>690mm</b>                     |
| Pre-loader               | <b>Fitted</b>                    |

### **Foil Handling**

|                               |                            |
|-------------------------------|----------------------------|
| Maximum foil diameter         | <b>125mm</b>               |
| Foil core size                | <b>25.4mm</b>              |
| Number of foil rewinds        | <b>2 Full width</b>        |
| Maximum foil roll width       | <b>1020mm (full width)</b> |
| Number of Lengths per program | <b>5</b>                   |
| Number of pulls per length    | <b>Up to 99</b>            |
| Pull Resolution               | <b>0.1mm</b>               |

### **Heating**

|                     |  |
|---------------------|--|
| Heat Zones          | <b>4</b>                               |
| Temperature range   | <b>0-200 degrees centigrade</b>        |
| Temperature sensors | <b>1 per zone (4)</b>                  |
| Die Height          | <b>6.35mm can be changed to 7.00mm</b> |

### **General**

|                        |  |
|------------------------|--|
| Dimensions approximate | <b>1,850mm(H) x 1,240mm(W) x 3,800mm(L)</b>                    |
| Weight (kg)            | <b>8,500 kg (approximately.)</b>                               |
| Air Supply             | <b>5 bar (75psi) of clean air</b>                              |
| Machine power supply   | <b>3 Phase neutral and earth connections 380 / 415 / 440 V</b> |
|                        | <b>50 / 60 Hz, 36 amps per phase</b>                           |
| Duty Cycle             | <b>Continuously rated</b>                                      |

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