



# SF SERVICES

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

Tel: +44 (0)1449 553400 [servicing@sfservices.com](mailto:servicing@sfservices.com)

## Heidelberg KSBA 460mm x 585mm Cylinder Foil Blocking Machine



**Heidelberg "KSBA" 460mm x 585mm cylinder foil blocking machine that has had the base unit completely refurbished in 2005. New foil pull conversion fitted.**

Our Ref: **2450**

Key Features: Fully refurbished 2005  
Excellent condition  
2 foil pull unit  
1 zone heater plate  
1 x Foil Tray complete  
Purpose built electrical cabinet – Allen Bradley controlled

Price: On Request

Contact us today for more details

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### Base machine

Features:

The base machine is a Heidelberg KSBA 460mm x 585mm cylinder machine

- Drive motor & drive control fully refurbished
- Removable heater plate
- Removable heater bed to allow for cutting and creasing
- Guarding four door opening, providing all round vision
- Solenoid brake system



### Foil system

Features:

- 2 synchronized foil draw roller
- Foil tray with tension bar & collars for up to 90mm rolls
- High resolution 0.1mm motor, reduces foil waste
- Complex foil advance programme
- Spring loaded foil tension bars providing speedy foil changes



### Plate Clamp Fixing Style Heated bed

Features:

- Unique 1 zone design, manufactured specifically for the Heidelberg K series
- 1 thermocouple zone, providing total control of heat distribution
- High grade steel, machined and ground to a high quality
- 1 Zone bed plate (provides excellent heat distribution)
- Bed height set for 6.35mm



### Electrical system

Features:

- Keypad control set up 1 foil pull drive
- Stepper motor – foil tension control accurate to 1mm
- 1 temperature controller
- Alan Bradley computer control system
- Alan Bradley Key pad touch screen
- Full on-screen fault identification
- Inverter drive motor



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## Heidelberg KSBA 460mm x 585mm **Cylinder Foil Blocking Machine**

### **Maintenance history and documentation**

The machine includes:

- Machine documentation
  - Operators manual
  - Parts Manual
  - Electrical wiring diagram



### **Installation, commissioning, and requirements**

The machine dimensions are:

Length 3,100mm x width 1,600mm x height 1,880mm

The electrical supply requirement is: 3 Phase 50Hz 380 – 460V 14Kw

Air supply not required

SF Services can install and commission the machine anywhere in the world using our own skilled engineers. Please ask for a price.



### **Warranty**

This machine is offered "As is as seen"

subject to our terms and conditions, which are available on request.



### **Disclaimer**

These details have been prepared in good faith but do not form part of any contract. It is for the purchaser to inspect the machine and satisfy themselves as to the suitability and condition of the machine prior to entering into any contract.



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## Heidelberg KSBA 460mm x 585mm **Technical Specification**

### **Paper Handling**

Maximum Mechanical Speed	<b>4,000 impressions per hour</b>
Maximum Sheet Size	<b>460mm x 585mm</b>
Minimum Sheet Size	<b>115mm x 200mm</b>
Maximum Stamping Area	<b>450mm x 575mm</b>
Maximum Sheet Thickness	<b>0.6mm</b>
Minimum Grip Distance	<b>10mm</b>
Height of Feeder Pile	<b>350mm</b>
Height of Delivery Pile	<b>470mm</b>

### **Foil Handling**

Maximum foil diameter	<b>80mm</b>
Foil core size	<b>25.4mm</b>
Minimum distance between foil rolls	<b>2mm</b>
Number of foil rewinds	<b>1 Full width</b>
Maximum foil roll width	<b>480mm (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>1</b>
Temperature range	<b>0-200 degrees centigrade</b>
Temperature sensors	<b>Removable bed (4)</b>
Die Height	<b>6.35mm</b>

### **General**

Dimensions approximate	<b>1,880mm (H) x1, 600mm (W) x 3,100mm (L)</b>
Weight (kg)	<b>3,500 kg (approximately.)</b>
Air Supply	<b>Not required</b>
Machine power supply	<b>3 Phase neutral and earth connections 380 / 460 V 50 / 60 Hz, 32 amps per phase, 14 kW</b>
Duty Cycle	<b>Continuously rated</b>

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