

# SF Print Services Ltd

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

Tel: 0044 (0) 1449 553 400 Email: [info@sfservices.com](mailto:info@sfservices.com)



## **AVAILABLE IMMEDIATELY**

**MK 21060STE - 760mm x 1060mm**



**DUOPRESS Foil Stamping / Die Cutting / Stripping / Embossing Machine**



**A great opportunity to purchase an excellent quality  
MK 21060ST - 760x1060 High Speed Foil Stamping,  
Embossing and Die Cutting machine + Stripping.**

Our Ref: **2496**

Key Features: **Year: 2012 – Located in UK**

High speed 5,000 sheets/per hour

Paper thickness 0.1mm ~ 2mm

Two stamping units

One Foil rewind units

Two chase changer units – one per stamping unit

3 longitudinal foil rolls and 2 cross section – each unit

Off foil detection included as standard

Can be viewed in operation

Full service history available

Price: On application

Contact us today for more details

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## MK 21060STE 760mm x 1060mm **Foil Stamping / Die Cutting Combination Machine**

### **High Speed, High Accuracy, High Stability, High Returns!**

### **Automatic Foil Stamping / Die-cutting Speed 5,000 sheet/hour**

The MK 21060STE is one of Masterwork's finest automatic industrial foil stamping, die cutting and embossing machines. The MK 21060STE is more efficient than the existing machines at the same operating speed and it can do some jobs that could not be done by the latter. The benefits of MK 21060STE include less paper feeding, shorter interval of different jobs, decrease in sheet deformation caused by production, increase in the registering accuracy of dual foil stamping, effective control over defect rate, expansion of stamping techniques, and improvement in the forgery-proof performance of prints.

The MK 21060STE is equipped with three foil rolls in longitudinal direction and two foil rolls in cross direction.  
Accurate cutting & creasing with stripping.

The development idea of MK 21060STE is fresh and unique. An invention patent exists for it in several countries around the world.

MK 21060ST is CE certified in a variety of aspects such as safety protection, structural design and electrical design, etc.



### **3 Processes in one Pass**

- Stamping + Stamping
- Stamping + Die cutting + Stripping
- Embossing + Die cutting + Stripping
- Stamping + Embossing



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### **Maintenance history and documentation**

The machine includes:

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



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

The machine dimensions are:

Weight 30T, length 9,150mm x width 5,650mm x height 2,450mm

The electrical supply requirement is: 3 Phase 50Hz 380 – 415V - 105KW

Air supply: 0.6~0.7Mpa, ≥1.0m<sup>3</sup>/min

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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### Technical Data

Maximum Sheet Size	<b>760mm x 1060mm</b>
Minimum Sheet Size	<b>350mm x 400mm</b>
Maximum Die Cutting Size	<b>745mm x 1060mm</b>
Maximum Stamping Size	<b>740mm x 1060mm</b>
Gripper Margin	<b>13 ± 4mm</b>
Inner Chase Size	<b>770mm x 1120mm</b>
Sheet Weight (g/m <sup>2</sup> )	<b>90 ~ 2000g</b>
Sheet Thickness	<b>0.1 ~ 2mm</b>
Die Cutting Accuracy	<b>≤ ± 0.075mm</b>
Stamping Accuracy	<b>≤ ± 0.075mm</b>
Hologram Stamping Accuracy	<b>≤ ± 0.20mm</b>
Overprint Accuracy	<b>≤ ± 0.10mm</b>
Maximum Working Pressure	<b>250 Tons</b>
Maximum Die Cutting Speed	<b>5000 sheets per hour</b>
The Foil Feeding System (Press 1)	<b>4 longitudinal + 2 transversal</b>
The Foil Feeding System (Press 2)	<b>4 longitudinal + 2 transversal (optional)</b>
Max. Foil Diameter (longitudinal)	<b>250mm</b>
Max. Foil Diameter (transversal)	<b>200mm</b>
Maximum Stamping Speed	<b>5,000 sheets per hour</b>
Max. Hologram Stamping Speed	<b>5,000 sheets per hour</b>
Max. Feeder Pile Height	<b>1400mm</b>
Max. Delivery Pile Height	<b>1200mm</b>
Foil Width	<b>20 ~ 1060mm</b>
Electrical Heating System	<b>20 heating zones, 40 ~ 180°C adjustable</b>
Main Motor Wattage	<b>18.5KW</b>
Rated Wattage	<b>50KW</b>
Full Load Wattage	<b>105KW</b>

### General

Dimensions Approximate (Operation platform included)	<b>9,150mm (L) x 5,650mm (W) x 2,450mm (H)</b>
Net Weight	<b>30 Ton (approximately)</b>
Air Supply	<b>0.6~0.7Mpa, ≥1m<sup>3</sup>/min</b>
Machine Power supply	<b>3 Phase neutral and earth connections 380 / 415 / 440 V 50 / 60 Hz, 105 KW</b>

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To Configure			
High-Speed Suction Feeder Head	•	Stretchable Foil Frame Release	•
Stop Press Feeding System	•	Off Foil Detection System	•
Stop Collection of Paper System	•	Blow Flat Peeling Device	•
High Performance Single-point Clutch	•	Centre Positioning System	•
Wide Conveyer Belt	•	Stripping the Frame Pneumatic Lift	•
Imported Torque Limiter	•	Stripping in the Box Fast Locking Device	•
Imported Worm Wheel	•	Imported High Intermittent Segmentation	•
Pneumatic Locking Device Version Box	•	Patented Precision Adjustable Tooth Row	•
Two-Way Pneumatic Locking Device	•	Intermittent Automatic Lubrication System	•
3+1.2 Modular Adjustable Lower Plate	•	CE Standard	•
Film Fixtures	•	Pressure Overload Protection	•
Imported Pneumatic Clutch	•	Mitsubishi Q Series PLC	•
20-zone Heating System	•	Standard Honeycomb Panels	•
Foil Precision Servo System Transverse	•	Standard Die-Box	•
Foil Precision Vertical Servo System	•	External Pre-stacker Unit	•

Key - • = Standard Configuration

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