



SF Services Unit 29 Maitland Road, Needham Market, Ipswich, Suffolk, UK

# SF SERVICES

Tel: +44(0)1473 725161 Fax: +44(0)1473 271601  
www.sfservices.com Email: info@sfservices.com

## MK21060ST DUO Press - 760mm x 1060mm Automatic Platen Hot Stamping + Cutting & Creasing + Stripping



**A great opportunity to purchase an excellent quality pre-owned MK21060ST Duo Press 750mmx1050mm Automatic Platen Hot stamping press.**

Our Ref: **2370**

Key Features: **Year: 2013**

Masterwork Graphic Equipment MK 21060ST Duo Press  
High speed 5,000 sheets/per hour  
Paper thickness 0.1mm ~ 2mm  
Two stamping units  
Two 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

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## MK21060ST Duo Press 760mmx1050mm Automatic Platen Hot Stamping + Cutting & Creasing

### Base machine

#### Features:

- 3 Processes in one Pass
  - Foil Stamping + Foil Stamping
  - Foil Stamping + Die cutting + Stripping
  - Embossing + Die cutting + Stripping
  - Foil Stamping + Embossing
- Non-stop paper pre-load system
- Speed slow – down at front guides for thin paper
- Pneumatic lock-up of foiling & cutting chase.
- Micro adjustment of platen pressure in increments of 0.01mm
- High precision, high speed sheet register lays



### Foil system (Each Unit)

#### Features:

- 3 Lateral Foil draw rollers 1 Horizontal
- Foil feeder with carriage allows operator easily pull it out to load foils
- Foil control system up to 220mm diameter
- Four foil rolls loading capacity (3, 5 rolls as optional)
- Servo motor controlled foil feeding and collection
- Used foil collection rollers synchronized with foil feeding



### Heated bed

#### Features:

- Honeycomb chase – High heat with excellent dimensional stability
- Micro die adjust available – standard toggles
- 20 Heater zones per unit
- 2 Teflon rollers on honeycomb chase used to separate foil from chase
- Set for 6.35mm / 7.00mm dies

### \*Stripping Unit

- Set Upper and lower stripping frames

### Electrical system

#### Features:

- Foil drives use servo motors to individually control foil feeding rollers
- Nine electronic detectors for foil breakage – Machine stops, buzzer sounds
- PLC control system

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## MK 21060ST Duo **Foil Stamping / Die Cutting/ Stripping** Combination 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:

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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## MK 21060ST Duo **Foil Stamping / Die Cutting / Stripping Combination Machine**

### 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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<b>To Configure</b>			
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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## Machine Photos



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