



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: 2010**

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

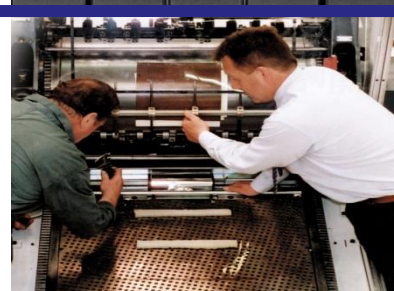
The machine dimensions are:

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, ≥1.0m³/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	760mm x 1060mm
Minimum Sheet Size	350mm x 400mm
Maximum Die Cutting Size	745mm x 1060mm
Maximum Stamping Size	740mm x 1060mm
Gripper Margin	13 ± 4mm
Inner Chase Size	770mm x 1120mm
Sheet Weight (g/m ²)	90 ~ 2000g
Sheet Thickness	0.1 ~ 2mm
Die Cutting Accuracy	≤ ± 0.075mm
Stamping Accuracy	≤ ± 0.075mm
Hologram Stamping Accuracy	≤ ± 0.20mm
Overprint Accuracy	≤ ± 0.10mm
Maximum Working Pressure	250 Tons
Maximum Die Cutting Speed	5000 sheets per hour
The Foil Feeding System (Press 1)	4 longitudinal + 2 transversal
The Foil Feeding System (Press 2)	4 longitudinal + 2 transversal (optional)
Max. Foil Diameter (longitudinal)	250mm
Max. Foil Diameter (transversal)	200mm
Maximum Stamping Speed	5,000 sheets per hour
Max. Hologram Stamping Speed	5,000 sheets per hour
Max. Feeder Pile Height	1400mm
Max. Delivery Pile Height	1200mm
Foil Width	20 ~ 1060mm
Electrical Heating System	20 heating zones, 40 ~ 180°C adjustable
Main Motor Wattage	18.5KW
Rated Wattage	50KW
Full Load Wattage	105KW

General

Dimensions Approximate (Operation platform included)	9,150mm (L) x 5,650mm (W) x 2,450mm (H)
Net Weight	30 Ton (approximately)
Air Supply	0.6~0.7Mpa, ≥1m³/min
Machine Power supply	3 Phase neutral and earth connections 380 / 415 / 440 V 50 / 60 Hz, 105 KW

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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 Conveyor 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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