

# 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





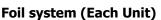
#### MK21060ST Duo Press 760mmx1050mm

#### 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



#### 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

#### \*Stripping Unit

• Set Upper and lower stripping frames

### • Set for 6.35mm / 7.00mm dies

#### **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









#### 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



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.

## ACTURING DEVELO ADVANTAGE

#### **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.





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

#### **Technical Data**

Maximum Sheet Size Minimum Sheet Size 350mm x 400mm 745mm x 1060mm Maximum Die Cutting Size Maximum Stamping Size 740mm x 1060mm

> Gripper Margin 13 ± 4mm

Inner Chase Size

Sheet Weight (g/m<sup>2</sup>)

Sheet Thickness 0.1 ~ 2mm

Die Cutting Accuracy

Stamping Accuracy ≤ ± 0.075mm

**Hologram Stamping Accuracy** 

Overprint Accuracy **250 Tons** Maximum Working Pressure

Maximum Die Cutting Speed

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) Max. Foil Diameter (transversal)

Maximum Stamping Speed

Max. Hologram Stamping Speed

Max. Feeder Pile Height

Max. Delivery Pile Height

Foil Width

Main Motor Wattage

Rated Wattage

Full Load Wattage

760mm x 1060mm

770mm x 1120mm

90 ~ 2000g

≤ ± 0.075mm

≤ ± 0.20mm

≤ ± 0.10mm

5000 sheets per hour

250mm

200mm

5,000 sheets per hour

5,000 sheets per hour

1400mm

1200mm

20 ~ 1060mm

**Electrical Heating System** 20 heating zones, 40 ~ 180°C adjustable

18.5KW

**50KW** 

105KW

#### General

Dimensions Approximate (Operation platform included)

30 Ton (approximately) Net Weight

Air Supply

0.6~0.7Mpa,≥1m3/min

Machine Power supply 3 Phase neutral and earth connections 380 / 415 / 440 V

9,150mm (L) x 5,650mm (W) x 2,450mm (H)

50 / 60 Hz, 105 KW



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 -  $\bullet$  = Standard Configuration



#### **Machine Photos**













