



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

SF SERVICES

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MK 1060E - 760mm x 1060mm Automatic Platen Die Cutting with Stripping



A great opportunity to purchase a pre-owned MK 1060E – 760mm x 1060mm Automatic Platen Die Cutting Machine with Stripping

Our Ref: **2375**

Key Features: **Year: TBC**

High speed 7,700 sheets per hour

Versatile – cost saving, high speed and high efficiency

Specially designed gripper bar chains add 45% extra strength

The feeder is made of lightweight aluminium alloy

Specially designed air clutch construction for smooth transmission and reduced vibration

Includes a new brake system to reduce waiting time when the machine stops at high speed

Price: On application

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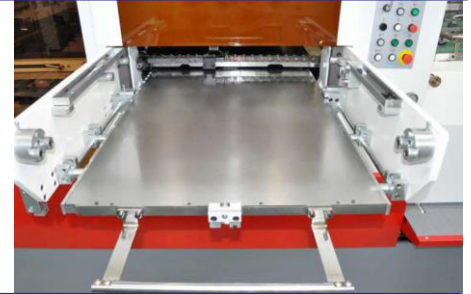
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Base machine – Platen Press

Features:

- The device regulating platen pressure can increase production speed
- Electronic pressure regulating system
- Fine / Micro adjustment on lower support plate
- Bi-directional pneumatic locking incorporated on platen
- Side opening gripper allows paper to be removed easily with miss feeds



Sheet Feed Unit

Features:

- Powerful feeder equipped with 4 lifting suction cups
- Ultrasonic double sheet inspection sensor
- Motive power achieved with synchronous belt
- Pneumatically lifting feeder table, provides accurate positioning
- Side guides equipped to push and pull easily changed over



Adjustable lower Supporting Plate Device

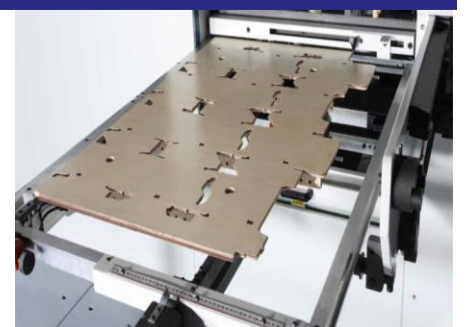
Features:

- Integrated structure (3mm+1.2mm) can minimise material cost
- Fine adjustment horizontal & longitudinal directions simple to adjust
With die cutting plate frame and centre-line positioning
Replacement of make-ready sheets rapidly reduced
- Lower plate locked pneumatically
- Air cushion auxiliary structure makes plate tensioning much easier.

Stripping Unit

Features:

- Stripping of upper edge and quick lock for negative stripping plate
- Rapid replacement of stripping tools
- Centre positioning and quick lock on Upper, Middle and lower frames
- Digital fine adjustment device to aid quick replacement of frames
- Pull out middle frame aids operator to make adjustments outside the machine
- Gripper positioning device at stripping overcomes stripping inaccuracies



Electrical system

Features:

- Complete design has CE certification standard of EU
- High quality European safety circuit module equipped
- Dual loop safety circuit protection installed
- Press has full PLC control system
- Push button emergency stop buttons located around the machine



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Technical Data

MK1060E

Max sheet size	1060mm x 760mm	41.73 x 29.92 (in)
Min sheet size	400mm x 350mm	15.75 x 13.78 (in)
Max die cutting size	1060mm x 745mm	41.73 x 29.33 (in)
Gripper margin	13 ± 4mm	
Inner chase size	1096mm x 770mm	43.15 x 30.31 (in)
Stock Range	Sheet Weight(g/m ²)	90 ~ 2000g
	Sheet Thickness	0.1 ~ 2mm
Die cutting accuracy	≤ ± 0.075mm	
Max working force	260T	
Max working speed ①	8000s/h	
Max feeder pile height (wooden pallet included)	1550mm	61.02 (in)
Max delivery pile height (wooden pallet included)	1400mm	55.12 (in)
Main motor wattage	15KW	
Rated Wattage	11KW	
Full load wattage	23KW	
Air Supply	>0.55 ~ 0.75MPa, >0.8m ³ /min	
Dimension (L x W x H) W: Platform included	6400mm x 4680mm x 2510mm	
	251.97 x 184.25 x 98.82 (in)	
Weight	≈ 16tons	

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Configuration

The high-speed feeder is adjusted with 4 lifting suction cups and 5 carrier suction cups	●
Non-stop sheet feed system	●
Non-stop sheet delivery system	●
Automatic discharging device	-
Automatic discharging device with rotation type	-
Single-position engagement clutch with high-performance	●
Conveyor belt wide in width	-
Vacuum feeding system	●
Pneumatic side lay	-
Ultrasonic double sheet detector	●
Imported torque restrainer	●
Imported worm wheel and worm set products	●
Pneumatic locking device	●
Bi-directional pneumatic locking device	●
3+1.2mm adjustable lower supporting plate	●
3+2mm adjustable lower supporting plate	-
Imported pneumatic clutch	●
4 heating zones	○
8 heating zones	-
Central registration system	●
Pneumatic lifting of upper stripping frame, Pneumatic locking system.	●
Quick lock device of middle stripping frame	●
Stripping board micro adjustment device	●
Imported High Speed indexing system	-
Open Gripper with rotation type	●
Patent design gripper bar	●
Automatic lubricating system	●
CE certification	●
Overload protector	●
Mitsubishi PLC Q series	●
Mitsubishi PLC FX series	-
Chase quick locking device	●
Standard honeycomb chase	○
Standard die-cutting chase	○
Gripper margin removal system	-
Chase preparation stand	○
Stripping preparation stand	○
Pre-stacking device	○
Pre-loading device	-
Pre-stocking device	●
Waste collection box	-
Collection car for stripping and waste side	○
Paper electronic positioning system	○
Paper monitoring sensors	○

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