

MJ-1040 SERIES

HOT FOIL STAMPER & DIE-CUTTER

MJ-1040E DIE-CUTTER

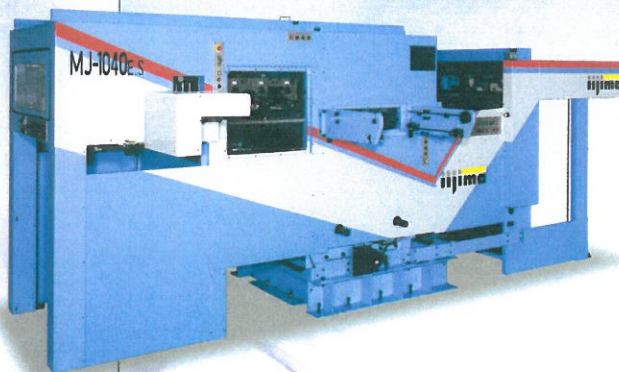
MJ-1040E.S HOT FOIL STAMPER & DIE-CUTTER

1040S HOT FOIL STAMPER UNIT

MJ-1040E ▶▶▶▶▶

MJ-1040E.S ▶▶▶▶▶

1040S ▶▶▶▶▶



HOT FOIL STAMPER & DIE-CUTTER

**ijima**

MJ-1040 SERIES

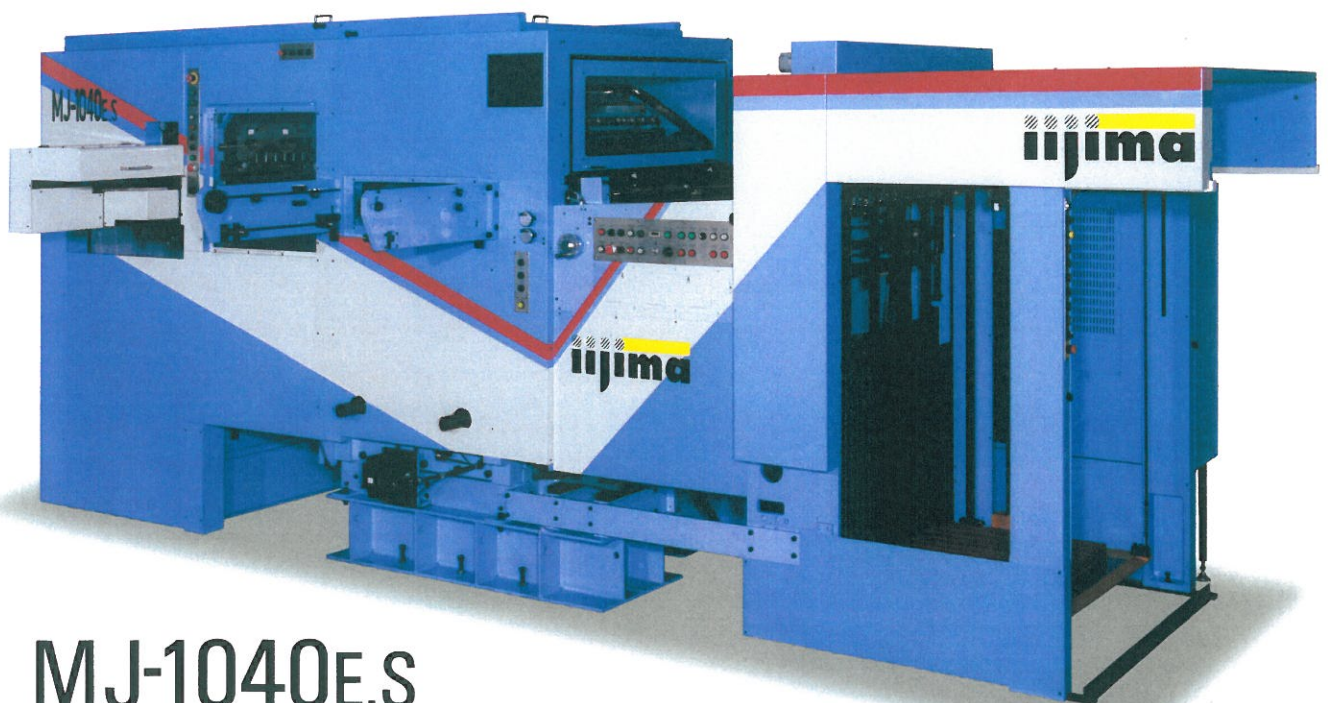
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MJ-1040E DIE-CUTTER

MJ-1040E.S HOT FOIL STAMPER & DIE-CUTTER

1040S HOT FOIL STAMPER UNIT

At DRUPA 2004 IJIMA introduced our new machine MJ-1040E.S The IJIMA MJ-1040E.S is not just a super die-cutter for almost all types of material but a perfect hot foil stamping machine as well. Set-up from cutting to hot foil stamping in less than 30 minutes.



MJ-1040E.S



- **Highly productive at 7500 sheets per hour (cutting)**
- **5000 sheets per hour (stamping)**
- **Accurate register**
- **Extremely safe**
- **Shorter make ready time**
- **Excellent cutting pressure of 300 tons**
- **Electronic controls of superior reliability**
- **Superb durability**

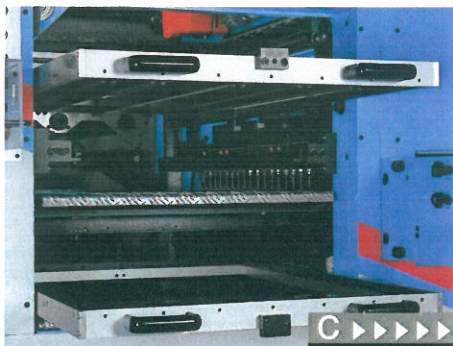
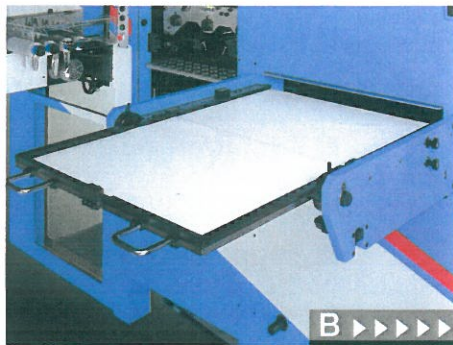
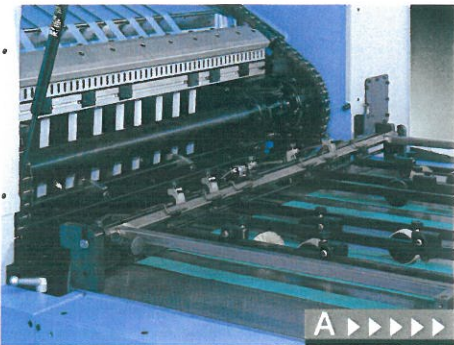
■ TECHNICAL SPECIFICATIONS

| | MJ-1040E | MJ-1040E.S | 1040S |
|---|--------------------------|--------------------------|-------------------------|
| Maximum sheet size | 1040x730mm / 40.9x28.7in | 1040x730mm / 40.9x28.7in | — |
| Minimum sheet size | 400x330mm / 15.7x13.0in | 400x330mm / 15.7x13.0in | — |
| Maximum cutting area | 1015x720mm / 40.0x28.3in | 1015x720mm / 40.0x28.3in | — |
| Maximum stamping area | — | 990x720mm / 39.0x28.3in | 990x720mm / 39.0x28.3in |
| Inside chase | 1090x750mm / 42.9x29.5in | 1090x750mm / 42.9x29.5in | — |
| Minimum gripper margin | 8mm / 0.3in | 8mm / 0.3in | — |
| Maximum speed for cutting | 7500 sheets / hour | 7500 sheets / hour | — |
| Maximum speed for stamping | — | 5000 sheets / hour | 5000 sheets / hour |
| Highest pressure | 300 tons | 300 tons | — |
| Maximum sheet thickness | thin material to E.Flute | thin material to E.Flute | — |
| Heating bolster(with calendar timer) | — | 50~ 180°C / 122~ 356°F | 50~ 180°C / 122~ 356°F |
| Controlled pull roller for foil feeding | — | 3 pcs | 3 pcs |
| Reel shafts | — | 2 pcs | 2 pcs |
| Foil brush removal unit | — | 1 set | 1 set |
| Maximum diameter of foil reel | — | 200 mmφ / 7.9 inφ | 200 mmφ / 7.9 inφ |
| 3 phase AC supply | 200/220 V, 50/60 Hz | 200/220 V, 50/60 Hz | — |
| Out of Main Motor | 15 kW | 15 kW | — |
| Total Power Consumption | 25 kW | 68 kW | 68 kW |
| Weight of machine | 15 tons | 15 tons | — |

MJ-1040E.S

HOT FOIL STAMPER & DIE-CUTTER

DIE-CUTTER [MJ-1040E.S]



UNIT GUIDE



FEEDING SYSTEM

- Universal Suction Head
- Main table transport drop foot security
- Non-stop pile exchange system
- Auto pile position (optional)

A REGISTER

- Conveying system that stops precisely at the specified
- Single system for push and pull side guide registration
- Intermittent feeding (optional)
- Front and side lay adjustment during operation
- Cam structure enables smooth transport of sheets

B CUTTING SYSTEM

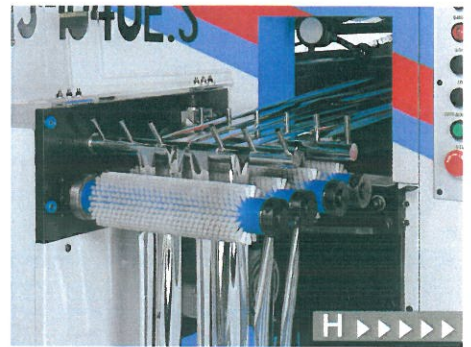
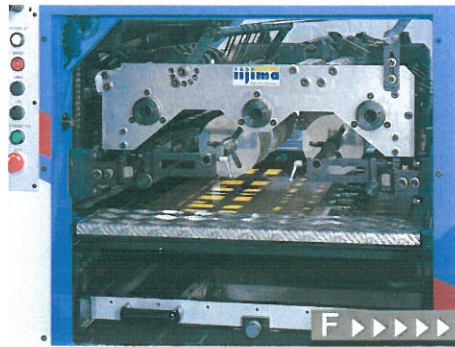
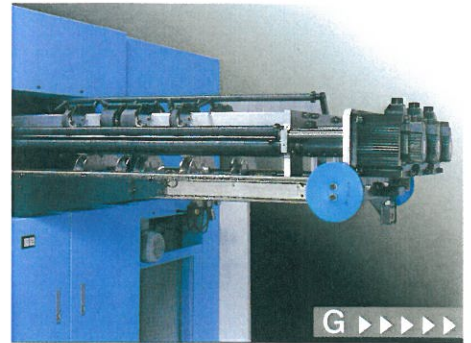
- Reliable chases fasteners
- Press of superior durability
- Cutting Plate handling using an air-float system
- Accurate and uniform electrical adjustment of pressure
- Toggle structure ensures stable cutting pressure with power to spare
- Open chase, with a bottom plate (optional)

C STRIPPING SYSTEM

- Reliable upper frame suspension type
- Freely adjustable stripper pin
- Triple action to maintain stable stripping
- All stripping tools may be set by using a pre-make ready table (optional)

D DELIVERY SYSTEM

- Tape insertion device (optional)
- One-touch non-stop delivery system
- Security for delivery lift dropping foot
- On-Off button for air control of feeder
- Timer attached for automatic lift drop operation
- Computer Touch Screen (optional)



HOT FOIL STAMPER UNIT [1040s]

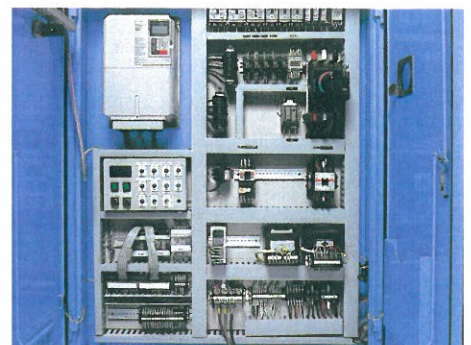
- Triple controlled pull rollers
- Two reel shafts for foil rolls up to 200 mm diameter
- CNC device and console
- Unit frame can be drawn out to the drive side
- Controlled heat zones (50~180°C)
- Heating upper bolster with cartridge heaters

- One honeycomb chase
- Four brushes carrying out waste leaf from the delivery frame
- Automatic release of stamping pressure when sheet is not in station
- Air Blast Device to release foil from sheet after stamping
- Six sensors equipped with on/off option as Foil Break detection system

- E** HONEYCOMB CHASE
- F** FOIL CASSETTE
- G** FOIL CASSETTE REMOVAL SYSTEM
- H** FOIL BRUSH REMOVAL

SAFETY SYSTEM

- High quality electrical equipment
- Dangerous or incorrect handling electrically interlocked for safety



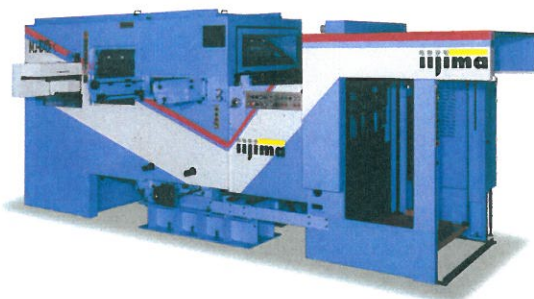
- **Pre-loading system for feeder**
Front pad for pre-loading; trolley truck and roller types available.
- **Feeder belt slow-down**
Added control for lighter weight materials.
- **Feeder pile auto position system**
Pile position is adjusted automatically.

MJ-1040E.S OPTION

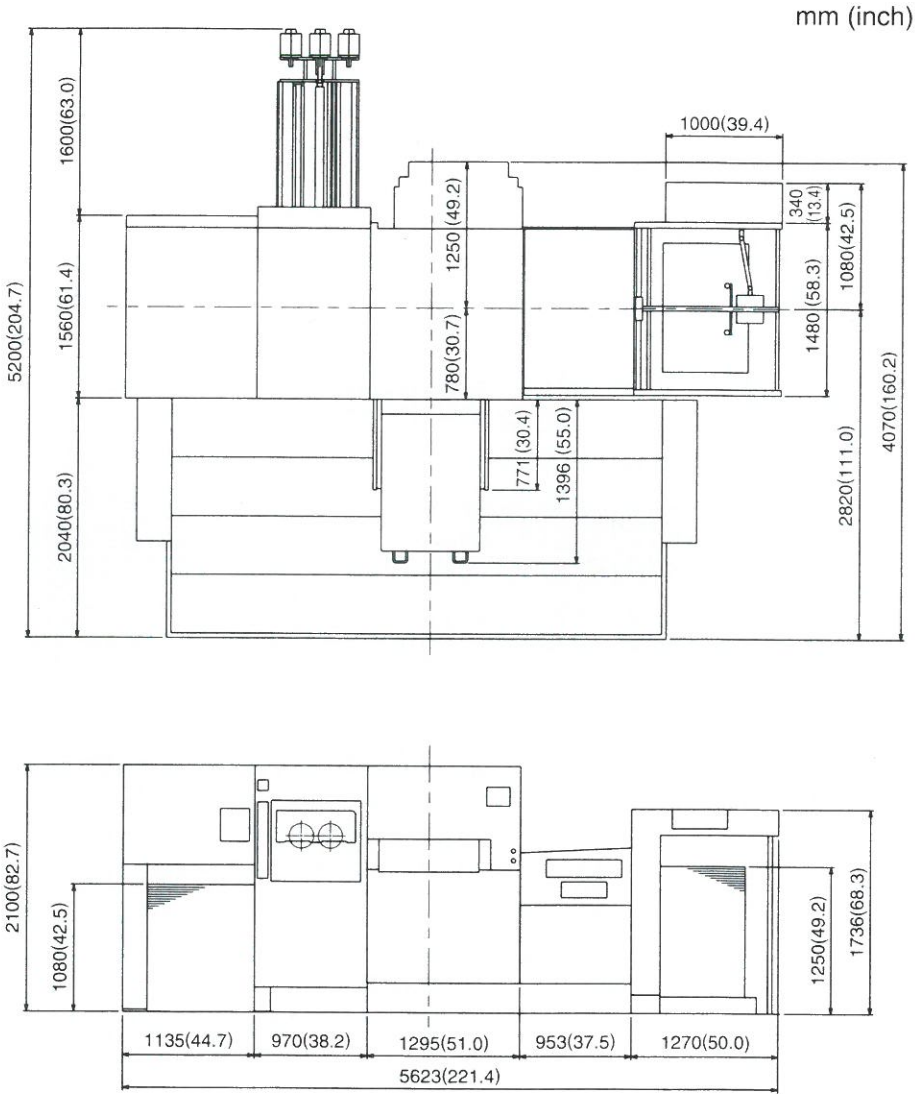
For easier operation and higher productivity from your MJ-1040E.S

The following options make full use of the possibilities of the MJ-1040E.S to provide even better ease of operation and productivity. Select the options that best meet the requirements of your work place.

- **Tape Inserter**
Tape is inserted into separate pile at the delivery point to maintain quality control.
- **Open Chase**
Uniform make-ready can be achieved by directly applying to the rear of the cutting dies.
- **Air Control System for thin materials**
Various configurations of Air Control System can be installed to meet your companies light weight material requirements.
- **300 mm (1ft) machine raise**
Raising by 300 mm (1ft) will enable larger piling with less feeder and delivery pile exchanges.
- **Cardboard application**
Cardboard controls can be installed for cardboard production requirement up to B-Flute.
- **Computer Touch Screen Panel**
Higher productivity can be maintained as a result of information received via the computer management system. Time management, on-line help, maintenance schedules, operation manual and parts listing assist operators and management to maximize the usage of the MJ-1040E.S.
* The computer panel can be used for both the cutting and delivery process.
- **Intermittent feeding apparatus**
Apparatus for protecting paper, particularly PP sheets, from being stacked, folded, or damaged.



FLOOR PLAN



MJ-1040E.S



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