



# Automatic Diecutting Machine

[www.excelmaxima.com](http://www.excelmaxima.com)



## Technical Specification

### MAXIMA HS 1020

Maximum Sheet Size	712 mm x 1016 mm (28" x 40")
Minimum Sheet Size	355 mm x 406 mm (14" x 16")
Maximum Die Cutting Area	700 mm x 1010 mm (27.5" x 39.7")
Maximum Pressure (N)	250 Ton
Height of Cutting Rules	23.8 mm
Minimum Gripper Margin	9 mm
Maximum Machine Speed	7500 sheet/Hour
Sheet Thickness	
Paper & Board	0.1 mm - 1.5 mm
Corrugated Board	Max. 4 mm
Feeding Pile Height	1350 mm
Delivery Pile Height	1050 mm
Total Power	17 KW (23 HP)
Size of Machine	L 5.9 mtr x W 2.7 mtr x H 2.2 mtr L 19.3' x W 8.9' x H 7.2'
Size of Machine (Incl. Platform)	L 5.9 mtr x W 3.7 mtr x H 2.2 mtr L 19.3' x W 12.1' x H 7.2'
Weight of Machine Approx.	14500 Kg

\*Specifications and features are subject to change without prior notice.



## EXCEL MACHINERY (GUJ.) PVT. LTD.

MFGR. OF AUTOMATIC DIECUTTING (BOX PUNCHING) MACHINE

Works : 813, Kothari Estate, Ahmedabad-Santej Road, SANTEJ - 382 721.  
Nr. Ahmedabad, Gujarat, INDIA.

Ph. : +91-2764-286307, 286011, M. : +91 -9825060276, +91-9825527172.

Email : [excel\\_maxima@hotmail.com](mailto:excel_maxima@hotmail.com), [info@excelmaxima.com](mailto:info@excelmaxima.com),  
URL : [www.excelmaxima.com](http://www.excelmaxima.com)

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# MAXIMA<sup>®</sup>

## HS 1020



# MAXIMA<sup>®</sup> HS 1020



## DIECUTTING SECTION

- Pneumatic chase locking system for perfect positioning and rigid locking.
- Cutting chase turn over device for quick change over operation.
- Safety clutch of main chain drive emergently stops the machine when an overload occurs due to machine or operator fault.
- Pneumatic clutch and Brake with high torque and precision.
- Rigid toggle design for smoother working at maximum die cutting pressure.
- Improved gripper bar lock system for accurate paper registration.
- Automatic Centralized Lubrication system and main drive chain lubricating system.
- Computerized control Touch screen display system for immediate tracing and visual machine status and possible machine stop causes.
- Gripper bars made of light weight and durable aluminum alloy ensures accurate paper registrations.



## # STRIPPING SECTION

- Triple action stripping (Upper, Middle and bottom)
- Change over time minimized by using same registration system in die cutting and stripping.
- Stripping tools on upper and lower frames can be mounted easily.
- Waste pieces between the blanks are stripped securely.



## FEEDER

- Special designed feeder for high speed and accurate feeding.
- Adjustable advance and retard of feeder timing.
- Safety photo electric device prevent over-ascending and over-descending of paper pile.
- Suction unit with multiple adjustments and fully adjustable suction cups.
- Electronically controlled micro adjustment for up and down pile table.
- Adjustable Double sheet detector.
- # Non-Stop device for feeder station can ensure continuous production.
- # Pre-Loading attachment.



## FEED TABLE

- Front lays and side lays with Micro adjustment for accurate paper positioning being effected from outside the machine, even while the machine runs.
- The Pull-Push side Lay specially designed for thin, thick and corrugated paper sheets can be changed over from pulling to pushing easily.
- The Speed of feeding belt can be adjusted easily.
- Pull and Push side lays are on both sides of the feed table.
- Front lay & Side Lay register is controlled by photo sensors.

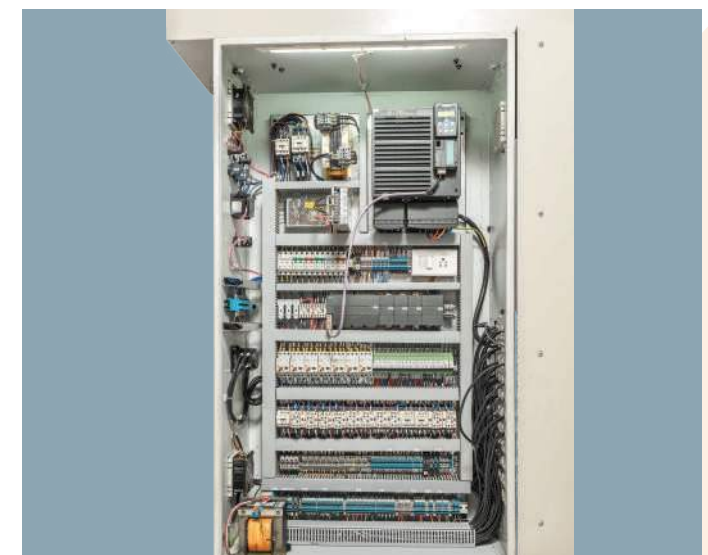
## DELIVERY SECTION

- Safety photo electric device prevent over-ascending and over-descending of paper file.
- Non-Stop grill attachment for delivery station can ensure continues production.
- Adjustable brush helps perfect releasing of paper from grippers to achieve high quality stacking.
- Side and front joggers are adjustable to the sheet size to set every sheet in to perfect position.



## CONTROL PANEL

- All Components are branded and CE marked.
- All key parameters visible on HMI.
- Siemens Automation based machine.
- Reliable Automation system with minimum down time, faster in execution, highly precious.
- Most reliable variable Frequency drive unit of Siemens used for Main motor operation.
- Control Panel & automation system is design in such a way that diagnostics & trouble shooting of field problems, Operational matters & field maintenance reminders are easy & user friendly.



# Optional On Request