

Technical Specifications

Maximum Paper Size (L x W)	: 560 x 800 mm (22" x 31.5")
Minimum Paper Size (L x W)	: 305 x 254 mm (12" x 10")
Maximum Punching Area	: 540 x 790 mm
Paper Thickness	: 0.1 to 1 mm (80 - 600 GSM)
Feeder Pile Height	: 960 mm
Delivery Pile Height	: 825 mm
Punching Speed Max.	: 4500 sph
Die Height	: 23.8 mm
Gripper Margin Setting	: 10 mm
Punching Load	: 180 Ton
Punching Stroke	: 70 mm
Total Power	: 8.5 Kw (11 HP)
Chase Interior Size	: 582 x 840 mm
Weight	: 8500 Kgs (Approx)
Over all size (L x W x H)	: 3600 x 2350 x 1680 mm

Features at a Glance

- Compact machine
- Stream feeder
- Box type base frame for stability of machine.
- Pull type side lay on both sides
- Double sheet detector
- Cross feed sensor
- Safety switch for machine manual drive
- High speed PLC based control with digital input / output modules
- Automatic switching program
- Motorized pile for smooth up and down movement
- Pre-pile facility loading by fork lift
- Early sheet sensing for minimum wastage
- Servo controlled gripper for register control and stacking at delivery
- Centralised touch screen control panel with PLC
- Patented software for maintaining excellent register quality for a long life
- Unloading delivery pile with fork lift
- Maintenance guidance program on touch screen panel
- Guards provided for operator safety
- Protection of electronic circuits through UPS
- Easy removal of die unit by chase turn over mechanism
- Quick change-over of dies
- Foldable chase turnover assembly
- Automatic delivery stacker
- Counter at delivery
- Extra delivery pile board
- Enhanced productivity
- Provision for taking sample sheet at delivery while working
- Motorized centralized lubrication system
- Three point register for precise positioning
- Single line punching system to reduce the cutting load for increasing the total cutting length and reduce the load on machine
- Full oil bath for punching unit

Automatic, Precise & Safe Punching with Autoprint Repetto 80



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Due to continuous development and product improvements, the company reserves the right to change/alter the specifications mentioned herein.



Automate your Packaging Line with Autoprint Repetto 80 for ensuring Safety, Quality & Productivity

Autoprint is committed to bring modern cutting-edge technology to its customers. A result of this commitment is Autoprint Repetto 80 - an Automatic Sheet-fed Flat Bed Die-Punching and Creasing Machine designed to handle even the most intricate and detailed designs. This reliable and high precision die punching machine is the perfect answer to meet the growing demand of medium and large format printers as well as packaging units.

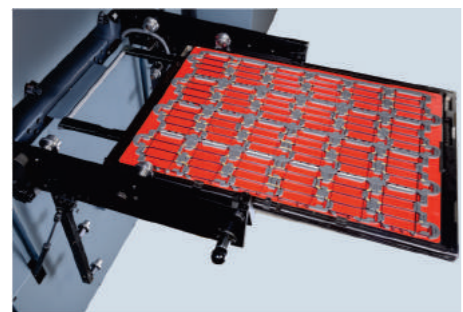
DELIVERY UNIT

After Punching, the paper is delivered smoothly to the Delivery Unit. Automatic pile movement is assured with the Motorised Pile 'Up' and 'Down' mechanism provided. The delivery pile is automatically lowered based on the speed of the machine and controlled by a limit switch to avoid excess loading. Side and back stoppers are provided for perfect stacking of paper.



DIE PUNCHING UNIT

After registering the paper in the Front Lay, the sheet is fed into the Die Punching Unit with the help of the Rigid Grippers. The Gripper in-feed Mechanism is servo-driven for precise positioning of paper in the Die Punching Unit. The Die Punching Unit applies uniform pressure on the paper and ensures precise punching as per the desired profile. The chase turn-over mechanism enables easy removal of the Die Unit and quick change-over for the next job. These gripper assemblies are positioned precisely by register mechanism to accommodate variation in chain length due to wear.

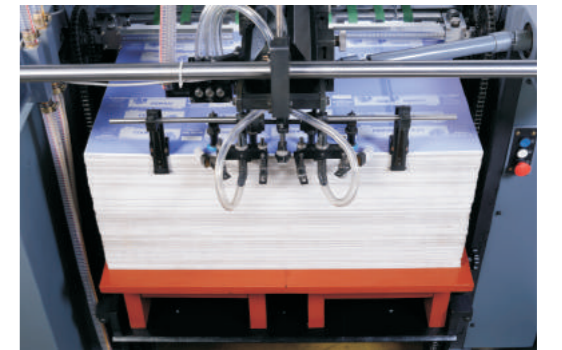
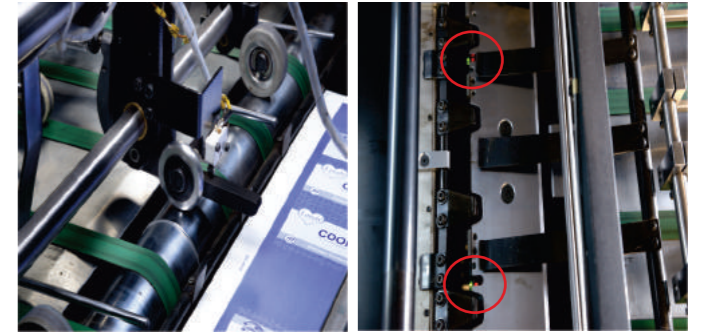


CENTRALISED TOUCH SCREEN CONTROL PANEL

The Autoprint Repetto 80 has a soft feather touch PLC Control Panel. The advanced technology incorporated with pre-programmable software does the functions sequentially by just touch of a button. Various controls are indicated in the Digital display of the control panel for convenience in operation. Touch screen is equipped with a maintenance program where periodically the operator is reminded of any maintenance to be performed.

DOUBLE SHEET AND CROSS FEED SENSOR

Double Sheet Detector and Cross Feed Sensors are provided to prevent the feeding of any excess or cross sheet into the Punching Unit. When this happens, the sheet feeding stops instantly and a warning message appears on the Touch Screen Panel.



STREAM FEEDER

Autoprint Repetto 80 has a Stream Feeding System, which ensures continuous sheet feeding of a wide range of paper stocks from 0.1 to 0.6mm with ease. It's suction device separates and lifts the paper precisely from the tail-end, while the mechanical device feeds the paper into the Register Board through pull in rollers, continuously as a stream. The machine is equipped with Motorised Pile for smooth 'Up' and 'Down' movement. The feeder table is equipped with a Pre-pile facility for loading of paper stocks on the second pile, while the machine is running. This reduces the down time of the machine, increasing productivity.

REGISTER BOARD

The Conveyor Board is provided with adequate runners, brush rollers and paper guides to ensure smooth and trouble-free feeding of stock from thin paper to thick board ranging from 0.1 to 0.6 mm. A Pull Type Side Lay on both sides ensures precise registration of the paper. The Front Lay is adjustable for cross up to ± 1.5 mm and front register up to 3 - 8 mm precisely.

