## Technical Specifications

| | | |
|---|---|---|
| Maximum Paper Size | : | 500 x 680 mm (19.7" x 26.8") |
| Minimum Paper Size | : | 250 x 305 mm (10" x 12") |
| Maximum Punching Area | : | 480 x 660 mm (18.9" x 26") |
| Paper Thickness | : | 0.1 to 0.6 mm |
| Feeder Pile Height | : | 870 mm |
| Delivery Pile Height | : | 830 mm |
| Punching Speed Max. | : | 4500 sph |
| Die Height | : | 23.8 mm |
| Gripper Margin Setting | : | 10 - 13 mm |
| Punching Load | : | 120 Ton |
| Punching Stroke | : | 68.4 mm |
| Total Power | : | 11.65 Kw (15.6HP) |
| Chase Interior Size | : | 515 x 719 mm |
| Weight | : | 5500 Kgs (Approx) |
| Over all size (L x W x H) | : | 3150 x 2320 x 1480 mm |

## Features at a Glance

- Compact machine
- Stream feeder
- 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 in feeder
- Servo controlled gripper for register control and stacking at Delivery
- Centralised touch screen control panel with PLC

- 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
- Patented software for maintaining excellent register quality for a Long life

# Pack a greater punch
# At a low investment
# With Autoprint Repetto 65 V2

**autoprint**
ensuring value driven relationship
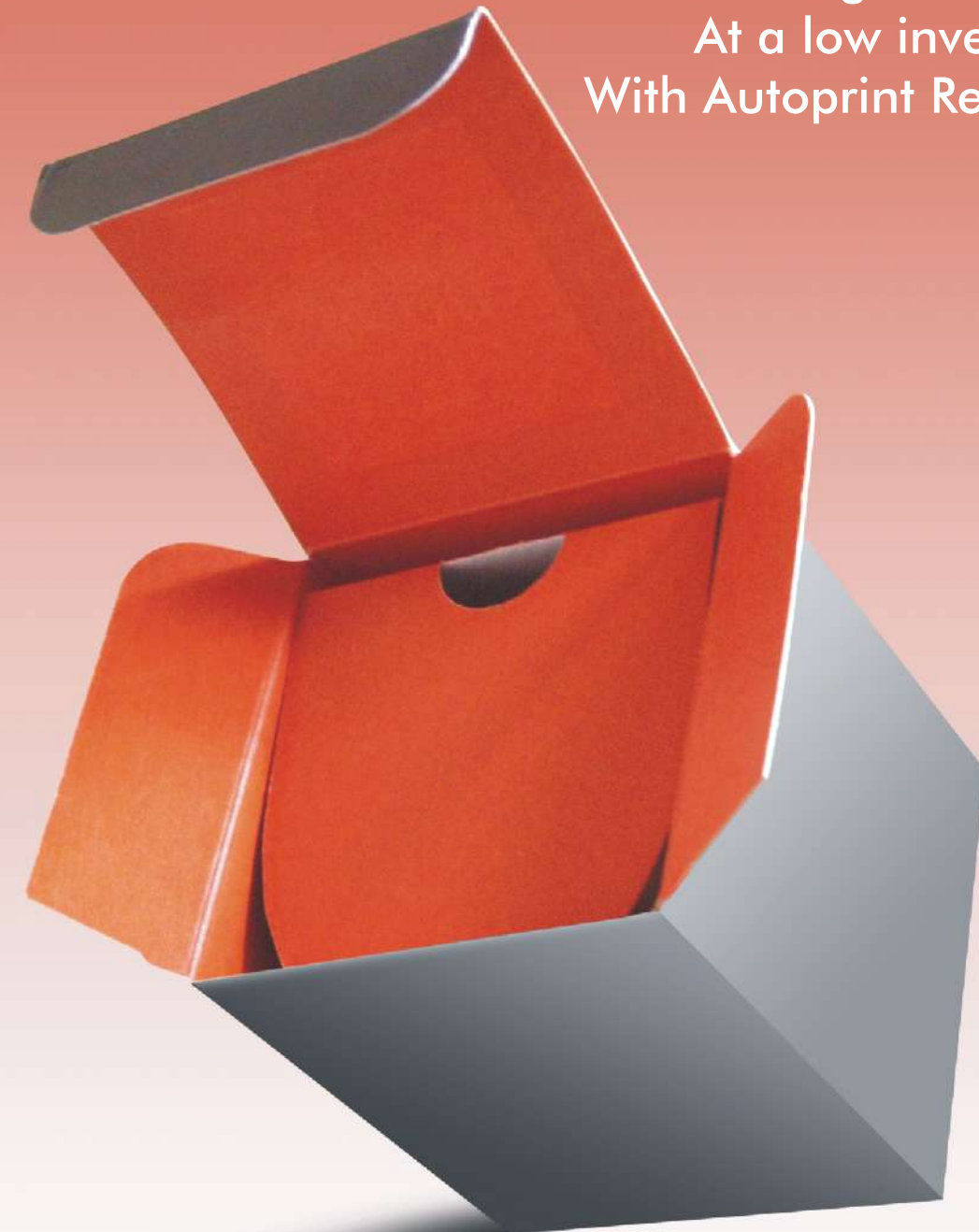
# Gift yourself a powerful business package-
# Autoprint Repetto 65 V2

Autoprint is committed to bring modern cutting-edge technology to its customers. A result of this commitment is Autoprint Repetto 65 V2 - 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 grippers are provided with a patented software which can be used to compensate chain elongation / wear and maintains precise register for a long time.
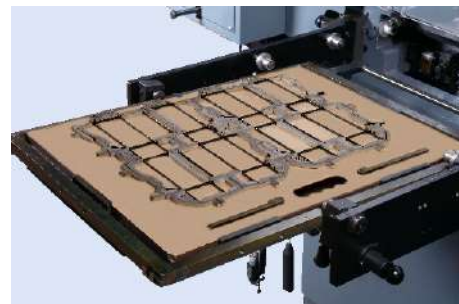


## CENTRALISED TOUCH SCREEN CONTROL PANEL

The Autoprint Repetto 65 V2 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. The defects are indicated in the Digital display of the control panel, to take corrective action quickly to proceed with the job. 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.
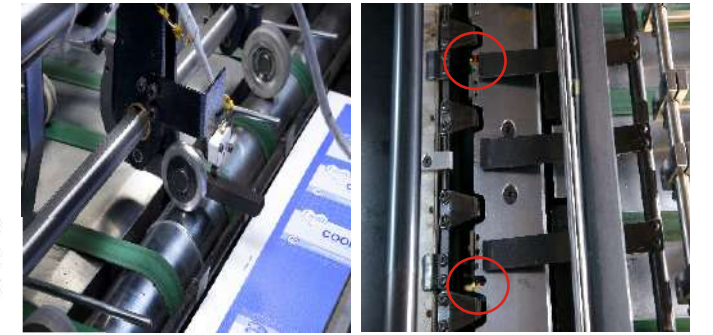


## STREAM FEEDER

Autoprint Repetto 65 V2 has a Stream Feeding System, which ensures continuous sheet feeding of a wide range of paper stocks from 0.1 to 0.6 mm 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 $\pm 1.5$ mm and front register up to 2 - 8 mm precisely.