

Automate your Packaging Line with Autoprint Dextra 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 Dextra 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.

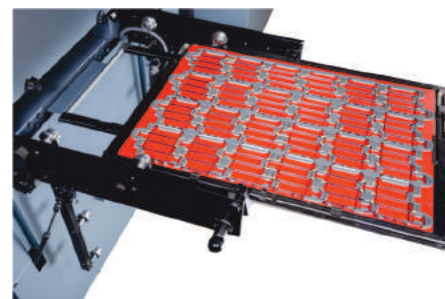
DELIVERY UNIT

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.

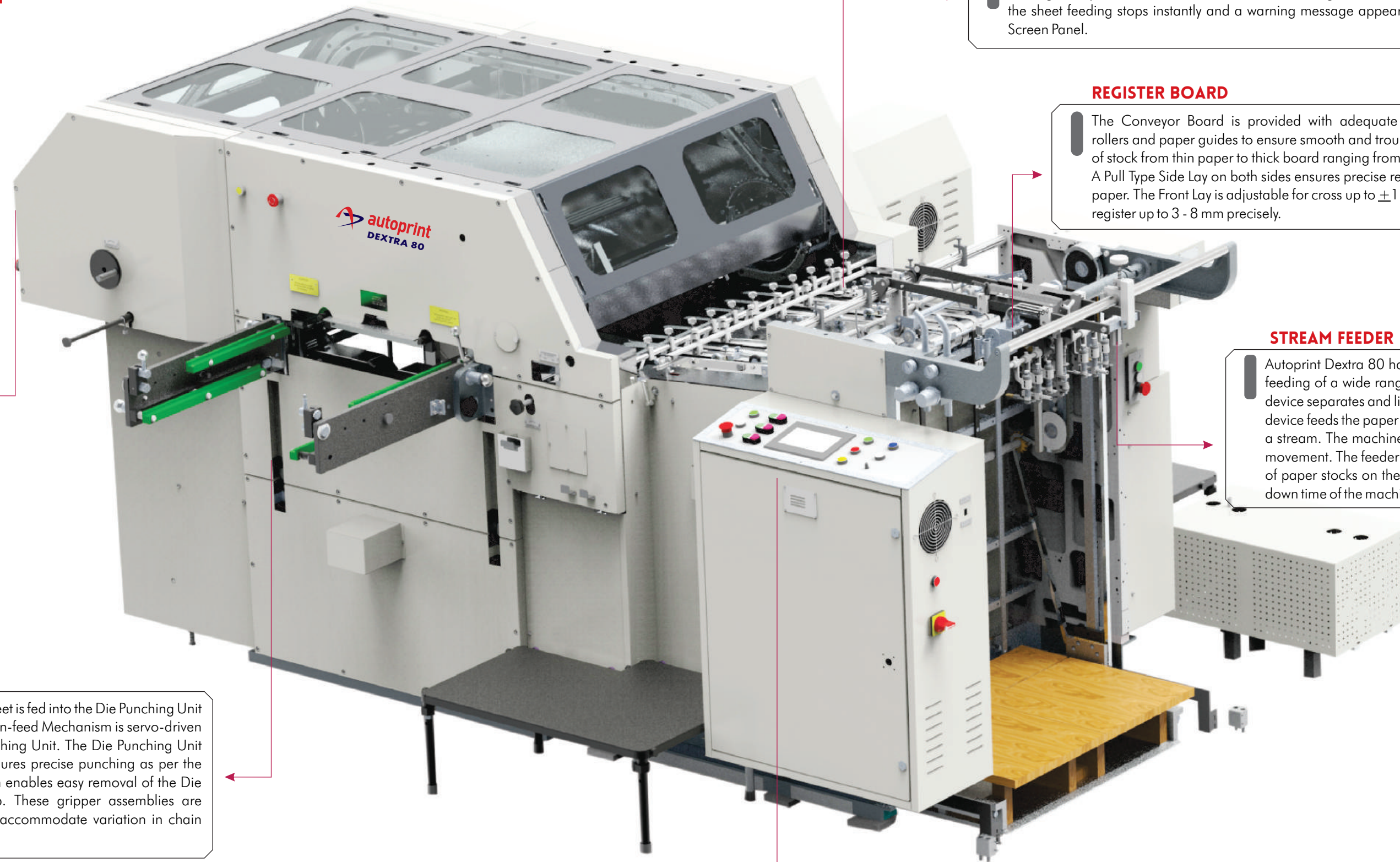


DIE PUNCHING UNIT

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.

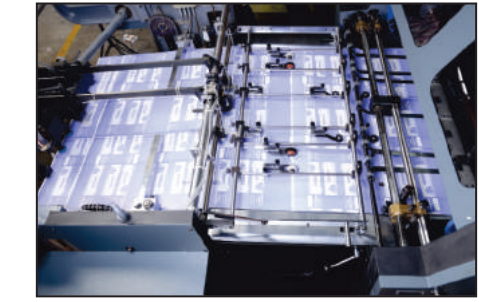


Applications :  Die-Punching  Creasing  Perforating  Kiss-Cut  Blind Embossing  Braille Embossing  Hot Foil Stamping (optional)



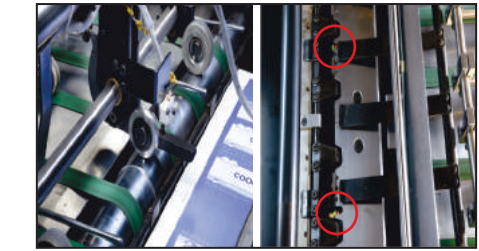
DOUBLE SHEET AND CROSS FEED SENSOR

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.



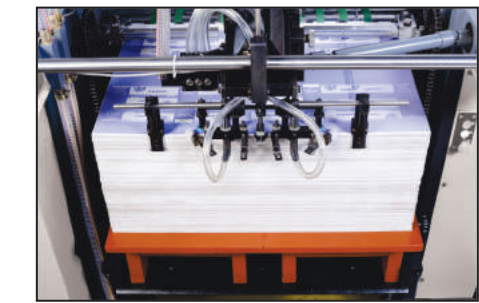
REGISTER BOARD

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.



STREAM FEEDER

Autoprint Dextra 80 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. Its 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 (optional) for loading of paper stocks on the second pile, while the machine is running. This reduces the down time of the machine and increases the productivity.



CENTRALISED TOUCH SCREEN CONTROL PANEL

The Autoprint Dextra 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.

