

Moll FlexCut 760 Rotary Die Cutter System

General:

- Minimum sheet size – 11L”x 17W”
- Maximum sheet size – 30L”x 30W”
- Minimum cut size – 2.5L”x 2.5W”
- Maximum cut size – 29.25L”x 29.25W”
- Substrates: 9pt-24pt paper stock
- Machine designed for up to 7000SPH

Feeder:

- Two top air suction wheels w/ adjustable sucker heads with adjustable front air separation blower
- Servo driver pre-registration - positive side register on the operator side
- Feeder has its own HMI for operator functions
- Pile height of 34”
- Sheet count and batch control monitors
- Mechanical double-sheet detector

Print to cut registration:

- Digital Print to cut registration or lead edge cut registration (+/- 0.010”)
- Servo driven registration – Gripper – less
- One servo driven infeed nip to drive and register sheets into the die cutter

Diecutter:

- Diecutter is built with 2” thick steel side frames, nickel plated
- (1) Top magnetic cylinder with plate mounting apparatus
- (1) Bottom magnetic cylinder with plate mounting apparatus
- Magnetic and magnetic cylinders are mounted directly above each other for “Knickless” cutting
- Micro Gap die adjustment between the die and anvil in 0.0001” increments
- Magnetic and Anvil cylinders are equipped with spherical roller bearings class 3 - Sealed for life
- Bearer-less cylinder loading
- One no-sheet detector after die nip, which will shut down machine if sheet, is missing after going through die nip
- A steel cutting jacket can be placed on the bottom or top cylinder for cutting only

Sheet transport conveyor:

- Immediately after the die cutter is a sheet vacuum conveyor belt
- Belt is servo driven and variable speed to accommodate the wide range of substrates
- Vacuum blower is included

Stripping section:

- The stripping section diverts the diecut matrix down below the machine
- The matrix sheets are dropped into a customer supplied box

Finished product section:

- After stripping the finished product section includes the tooling for up to (10) lanes wide
- There are a series of belts to carry the finished product forward in each lane
- The belts are adjustable to accommodate card length and matrix stripping needs down to the size of 2.5"x2.5"

Extended Shingling conveyor:

- Adjustable height for proper intake alignment
- Speed controlled DC drive
- Hold Down tractors assembly's
- Moll scan for intake substrate control
- Interlock electrics
- Utility tray for jogging work
- Tooling for 11 lanes

Others:

- Line is controlled via a single HMI located at the diecutter
- HMI is equipped with remote access capabilities permitting Moll/Interflex to provide 24/7 diagnostic service.
- Services: 240V, 3PH, 60HZ, 30 AMP service needed.
- House air is required 90 PSI, clean "dry" air, 4cfm