



EXACT-O-FEED™
Lead Edge Feeder for
Automatic Platen Die Cutters

Sun's *Exact-O-Feed* is a lead edge feeder designed to replace the feeder on your Automatic Platen Die Cutter. While similar to Sun's well known Extend-O-Feed for rotary machines, it has unique characteristics to suit the very different requirements of Platen Die Cutters and to solve the problems that are inherent in the OEM feeder.

- Problem -** Feed Jams and mis-feeds
Cause - Low volume, high pressure OEM vacuum system, with a small active vacuum area, cannot flatten warp
Solution - *Exact-O-Feed's* high volume, low pressure vacuum system and large vacuum area effectively flattens warp and delivers the blank to the grippers accurately. As standard equipment, the blower is supplied with an adjustable frequency drive to suit the vacuum precisely to the stock being fed.
- Problem -** Skewed and mis-registered die cuts
Cause - Sheet slips in the gripper while being pulled from under the stack
Solution - The low friction surface of *Exact-O-Feed* reduces the drag between the sheet and the feeder surface and the optional air injector eliminates board to board friction between the sheet and the stack above it.
- Problem -** High maintenance costs on OEM feeder
Cause - High pressure vacuum pump requires constant maintenance and periodic replacement is extremely costly
Solution - The simple blower on *Exact-O-Feed* requires no maintenance and the transmission and wheel box that have been proven in high speed rotary applications are trouble free.
- Problem -** Large trim allowances
Cause - Large allowances are needed to allow for feed error and skew.
Solution - Accuracy of *Exact-O-Feed* will allow these allowances to be significantly reduced
- Problem -** Low net output
Cause - Frequent jams mean the machine must be stopped and the jam cleared or the operators reduce the running speed to try to prevent jams.
Solution - Jam free operation of *Exact-O-Feed* means no stops for jams and consistent operation encourages higher run speeds.

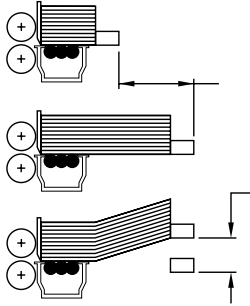


**You need SUN
to grow.**

- EXACT-O-FEED™ -

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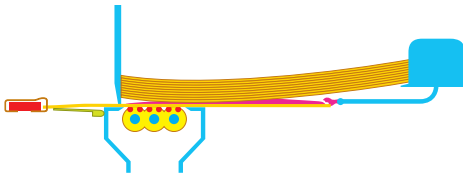
Optional Features



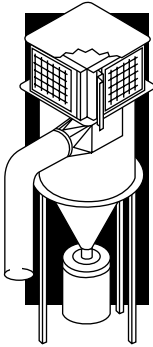
Motorized backstop - Reduces set-up time

Option MB1 - In/out movement only

Option MB2 - In/out and up/down movement
(Recommended for use with pre-feeders)



Air film injector - Eliminates board-to-board friction, relieving the load on the grippers to prevent jams, skew and mis-register.



Dust collector - Removes dust from the exhaust of the feeder without harming feeder performance.

- Reduces noise
- Easy empty dust bucket
- Quick change filters

ROI Considerations

FACTOR	QUANTIFIABLE BENEFIT
Trim allowance	Reduce from 1/2" to 1/4"
Scrap from mis-feeds	Reduce by 80%
Labor savings from higher run speeds without jams	25% increase in output, more if running difficult stock like small flute or warp
Maintenance	Maintenance on Exact-O-Feed \$1,000 per year or less



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