

MARTIN MODEL DEC PRE-PRESS AND MODEL CPL POST-PRESS DECURLERS

Converting applications running paper, paperboard stocks and laminates often experience challenges from material "machine direction" curl.

To offset the material curl, Martin Automatic has designed decurling equipment to compliment most processes.

Normally any process requiring decurling should include a pre-press and post-press decurler in order to meet the various material requirements. This is especially important if more than one material will be run. Additionally, some stocks may require the pre-press decurler to generate a reverse curl at a full roll, and the post-press decurler for immediate adjustments at the cutter.

Martin's Drag Bar and Rolling Element Decurlers have advantages of simplicity, low cost, and ability to decurl either side of the web. The Drag Bar Model is used for stocks that will not be damaged when run across a stationary edge. The Rolling Element Model is used on stocks that can be damaged when they are run across a stationary edge. Both provide automatic proportional decurling based on roll diameter.

Martin's DEC Pre-press units are to be placed before any registered process. Martin's CPL Post-Press Rolling Element Decurler does not affect cut-to-print register because of Martin's patented compensating cam mechanism. This unit can be located within the register sensitive area of the process.

Should your process suffer from material distortion problems, contact Martin Automatic for a full process evaluation to best determine the solution to your needs.



*Martin Model
DEC Decurler*



*Martin Model
CPL Decurler*



Martin offers solutions to converting applications running paper, paperboard stocks and laminates.

 **Martin Engineers
Solutions!**

Martin Model DEC Pre Press Decurl

- Framework designed for free-standing or machine mounted installation.
- Positive or negative decurl capability by operator or optional remote proportional indexing based on running roll diameter.
- Manual reset to "zero decurl" capability or optional reset by automatic splice detector
- Motorized adjustment with remote operation capability
- Decurl proficient enough to remove roll set and provide a flat web to cutter when used in conjunction with a Post-Press decurler.

AVAILABLE OPTIONS

- Web cleaners
- Web Guides
- Splice Detectors
- Element position display

Martin Model CPL Post-Press Decurl

- Framework designed for free-standing or machine mounted installation.
- Constant path length feature keeps web length variation within capabilities of cutter's registration system when the decurling element is repositioned.
- Positive or negative decurl capability by operator.
- Manual reset to "zero decurl" capability or optional reset by automatic splice detector
- Motorized adjustment with remote operation capability
- Decurl proficient enough to remove roll set and provide a flat web to cutter when used in conjunction with a Pre-Press Decurler.

AVAILABLE OPTIONS

- Element position display
- Web Guides
- Linear cutter compensator phasing
- Splice Detectors

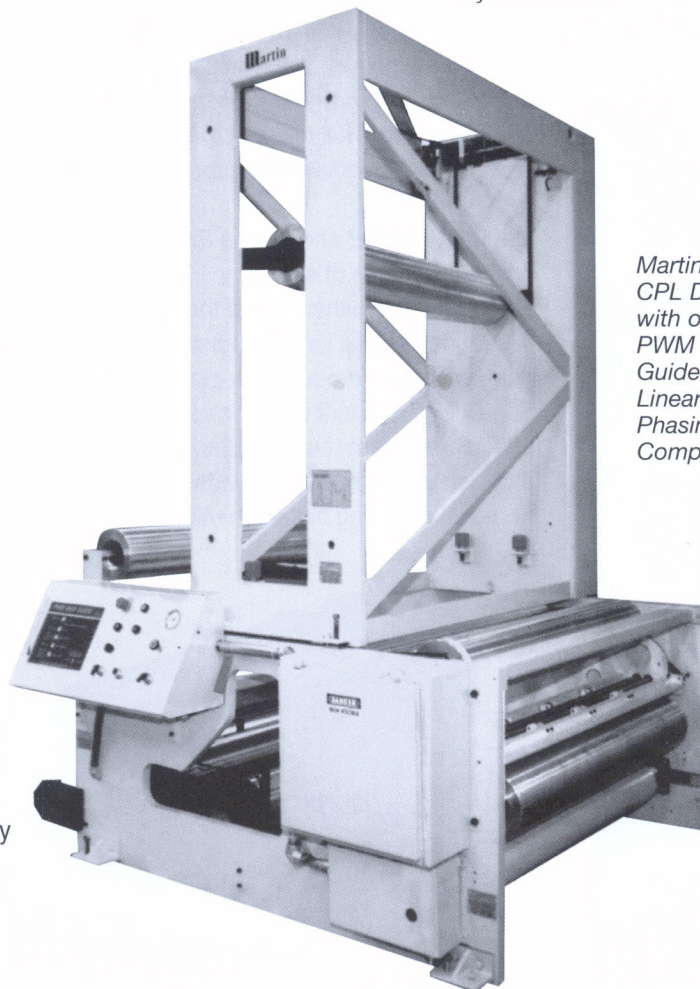
SPECIFICATIONS

As with all Martin products, DECURLERS can be application-engineered to fit each process. Contact Martin Automatic for your specific needs.

UTILITY REQUIREMENTS

Electrical

Single or Three phase
Model dependent, supplied by customer.



Martin Model CPL Decurler with optional PWM Web Guide and Linear Cutter Phasing Compensator



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