

## Cleaning Solutions for Corrugators

### problem

Dust and debris from slitting and the knife can make it impossible to achieve production goals and maintain quality print standards set by customers.

High coverage, even single color, and printing on high holdout materials cause most problems. The increased resolution of print and increased lines on anilox rolls make small dust particles more of a factor and stopping to clean the plate is costly.

Many operations will run a job through a press dry in an attempt to clean off some of the debris, this significantly increases the cost of production plus limits the number of jobs that can be run.

*Neutro-Vac System on a United Die Cutter*

*Neutro-Vac System*

*Neutro-Vac System on a Harper Die Cutter*

*Neutro-Vac at the slitter*

### solutions

Neutro-Vac Web and Sheet Cleaning Systems effectively remove slitter dust, chaff from the knife, and other contaminants from the surface of corrugated material.

- When installed at the dry end of a corrugator, immediately after the slitting operation or post knife, a Neutro-Vac will provide your customer or in-house converter with the cleanest possible stock.
- A Neutro-Vac mounted on a die-cutter, just prior to the print station, will ensure high quality printed material and less maintenance time.

### results

Reduction in production downtime and rejects. One customer reported a 56% decrease in production rejects, and operators spent less time hand wiping and cleaning the plate. Based on production savings, this same customer reported a return on their investment (ROI) of 250%, with a payback period of 4.5 months.

# Cleaning Solutions for Corrugators

## Neutro-Vac Systems

are designed to efficiently neutralize static charges while simultaneously cleaning and removing dust and contamination. Each system consists of a cleaning assembly connected via ducting to a dust collector. These components work together to neutralize materials so that particulate as small as 15 microns can be dislodged and removed from the material.

## Features and Benefits

- SIMCO static bar quickly neutralizes static, facilitating easy removal of dust and dirt.
- Reduces costly machine stops to hand wipe and clean the plate
- Cleans particulate as small as 15 microns.
- In most cases, the system will pay for itself in less than 4.5 months - that is a return on investment of over 250%

## Die Cutting Applications



United Die Cutter



Harper Die Cutter



Ward Die Cutter



Low Volume Die Cutter Collector

For mor information on Cleaning Solutions for Corrugators, go to [www.simco-static.com](http://www.simco-static.com) or email any questions to Customer Service at [sales@simco.biz](mailto:sales@simco.biz)

## Slitting Applications



Cleaning web just after slitting on dry end.



Cleaning two webs after slitting and web split



3 week's dust gathered after knife on corrugator



Continuous Cleaning Collector



Vacuum head after knife on Fosber sheeter



Vacuum head after knife on BHS sheeter