

Three Types of Narrow Web Cleaners

Our three types of Narrow Web Cleaning Systems meet your every application and budget.

1 Neutro-Vac NWS: removes particles down to 20 microns by combining hi-pressure air blast, static elimination and high exhaust. High volume, low velocity vacuum

- Contact or non-contact systems
- Can be used over unsupported webs
- Single or double surface cleaning
- System includes dust collector



2 Ion-O-Vac: uses static or a rotary brush to agitate, neutralize and remove particles down to 20 microns and as small as 5 microns when using a rotary brush.

- Low volume, high velocity vacuum
- Contact or non-contact system
- Used over rollers
- Single or double surface cleaning
- System includes dust collector



3 Vac-N-Tac Combination Cleaner: SIMCO's patent pending Vac-N-Tac Narrow Web Cleaners are precision engineered to continuously clean paper, film or foil substrates with web thickness as thin as .001".

Particles down to 1 micron in size are removed in a 3-stage process using static elimination, vacuum and contact cleaning rolls (CCR). The Vac-N-Tac offers better value and higher performance than just contact cleaning systems, ultrasonic cleaners or traditional vacuum collection. Specifically designed to fit into lines with space constraints, the unit vacuum cleans the majority of particles before the CCR cleans the web. Performance evaluations reveal a cleaning efficiency of 97% of particles down to 10 microns in size and removal of most particles to 1 micron in size.



The units are designed for quick and easy installation onto the roller shaft of your press.

Performance/Value Comparison

System	Purchase	Operate	Replacement (Tape)	Efficiency (Cleaning)
Vacuum	●	●		20-25 microns
CCR	●	●	●	1 micron
Vac-N-Tac	●	●	●	1 micron

● Highest Cost ● Moderate Cost ● Lowest Cost

The Economics of Contamination:

Web contamination manifests in print defects, poorer print quality, frequent print-roll maintenance, slower print speeds, unnecessary down time and customer dissatisfaction. Cost to the printing industry of dirty webs is estimated at \$4 billion annually.

While contact cleaning rolls clean webs to 1 micron, they also pick up all the larger particles, requiring frequent maintenance. On the contrary, vacuum systems do not require as much maintenance, but are effective only to about 20 microns (5 microns for rotary brush systems). By combining static elimination with vacuum cleaning prior to the CCR (see diagram), the two cleaning methods provide for lower maintenance and webs clean to 1 micron, resulting in:

- Higher print quality
- Reduced maintenance costs
- Increased productivity
- Satisfied customers

Combination Web Cleaner: Vacuum System with a Contact Cleaner

