

## Why is the Argos Technology Essential?

- Anti-static bars neutralize the web reducing static discharge issues and assist in the web cleaning process.
- Cleans paper promoting optimum print quality and throughput.
- Reduces hanging & embedded Chad (confetti's) issues with continuous forms.
- Web-Sweep heads mount directly on pre/post processing equipment, footbridge, printer or stand.
- Minimizes contamination of developer and toner thereby maximizing life of consumables.
- Purified air passes through a silencing chamber before exhausting out at floor level.
- Reduces printer maintenance cost by minimizing wear & tear and damage to drums, print heads and hardware components.
- Eliminates abrasive paper dust, toner and Chad which may cause downtime.
- Web feeds easily through Web-Sweep head and is operator-friendly.
- Stops migration of airborne particulate by providing a cleaner and healthier work environment.
- Maximizes uptime, print quality, productivity & throughput.
- Used on rewinders and before inserters to remove excess toner & paper dust maintaining sensors cleaner.
- Reduced sensor errors in printers and post processing equipment.
- Nine offset agitator brushes are strategically positioned creating eleven high velocity channelled air streams utilizing our unique perpendicular blast-off technology.

## Why is "Source Capture" the most effective and practical method?

PureClean Air Systems utilize our unique "Source Capture" method to effectively remove hazardous and abrasive contaminants from where they are generated, stopping the flow of problems throughout the output process.

Most other systems such as ambient wall and ceiling mounted air cleaners are less effective, since they can only collect contaminants once they become airborne. These are passive systems that allow airborne contaminants to migrate throughout the output centre, leading to equipment problems and employee health issues.

PureClean Air Systems connect directly to your processing equipment, taking action to capture pollutants, eliminating problems at the source!

**The Argos Webcleaner, Airpurification and Dust removing systems are validated by the major printer - pre & post - bookbinders and UV coating manufacturers to clean the paperweb, purify the air and remove dust from all digital print - and finishing equipment**

For more information or a price quotation, contact us per mail on [info@argos-environmental.com](mailto:info@argos-environmental.com) or visit our website on [www.argos-environmental.com](http://www.argos-environmental.com)

# Paper cleaning

# Air purification

# Dust removing

## Argos Environmental Europe

# Paper cleaning

## Argos Webcleaner 5.0.2

PureClean Air Systems utilize heavy duty web-sweep pickup heads that source capture directly from roll and box feeders. The pickup heads are equipped with grounded brushes that helpreduce static electricity build-up on paper feeding into high speed printers.

The anti-static brushes stretch across both sides of the paper, agitating the paper dust and paper Chad that are then vacuumed away and collected by the PureClean air systems. Higher quality end product and data integrity are achieved while lowering downtime on printers and inserting systems, housekeeping costs and employee health problems.



The end result is an increase in uptime

**Argos AirClean AirSystems™** are self-contained air cleaning systems that eliminate problems caused by heat and pollutants emitted by high-speed printers, document sorters, cutters and other post processing equipment. The result is a more productive, cleaner and healthier print output centre!

**Argos Systems™** are specifically designed to "source capture" contaminants directly from digital printers and pre-/post processing equipment.

Implementation of the "source capture" method creates a negative pressure that effectively captures and directs the hot and contaminated air into a two or three stage filter bank of the Argos systems. Clean fresh air is returned back into the room without exhausting, extensive ductwork or the need for "make-up" air.

## Air purification



and a more productive, cleaner and a

Handling paper always creates dust. If you have a production from roll or box, it doesn't matter, to insert documents into envelopes, the paper needs to be silt, cut, grouped and fold before entering the envelope. The paper fiber are heavily stressed by the frequent starts/stops inside the guillotine cutters. These cutters slit the pinfeed sides off the paper and takes the horizontal perforation out between the documents. This cut out is capt by a box or paper waste extractor from other manufacuturs.

These systems does not take away the paper dust created by these actions and this is where the Argos Aircleaner steps in! Adding the Argos Aircleaner with special connectors to the cutting systems will reduce the paper dust created by the guillotine cutters and will reduce the downtime for cleaning. Recent installation done on inserters, proved that, during 1 shift, the cleaning stops has been reduced from 13 to 2-3 per shift!



## Dust removing

much healthier print output centre!