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Manufacturing & Technology

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Designed and manufactured in the U.S.A.

Oscillating Web Cleaner



Polymag Tek's award-winning Oscillating Web Cleaner (OWC) improves the quality of your products and reduces waste by cleaning both sides of paper web prior to printing or coating. The OWC prevents printing defects by transferring loose contamination on the web surface to Contact Cleaning Rolls (CCRs) made of our Polymag™ Blue proprietary polymer. This fully automated assembly is designed to mount between the reel and the infeed. The CCRs are individually pivoted into a moving web against a nip roll. When the CCR becomes contaminated, the roll pivots into the "retract" position for cleaning by the auto cleaner. The auto cleaner uses water on a cleaning fabric to remove web contamination from the CCR. After CCR cleaning, there is a drying cycle and the CCR is then ready to pivot back into service while the other CCR is retracted for auto cleaning. *A simple yet highly effective system!*

Print Quality Improvements

- Enhanced Overall Print Quality
- Dot Gain Reduced/Eliminated
- Improved Half-Tone Highlights
- Reduction of "Hickey" Defects

Process Advantages

- Improved Process Control
- Keeps Inks/Water Solutions Cleaner
- Longer Continuous Runs

Press Equipment Benefits

- Reduced Need for and Use of Auto Blanket Washers
- Reduced Dirt Lessens Wear on

Bottom Line Advantages

- Reduced Paper and Print Waste
- Increases Press Run Time
- Less Blanket Washing, Solvent Usage and Disposal



Contamination transferred from web to CCR cleaner



Auto Cleaner wipes CCR clean

Patent #'s 5611281, 5699738, 5842418, 6142076



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