

Description: ULTRASONIC ANILOX ROLL CLEANERS

Product: ALPHASONICS

Among the many recent improvements in flexographic technology, few are more significant than the ceramic anilox roll. Ceramic anilox rolls don't wear out, they carry more ink than a comparable cell count chrome anilox roll and, most importantly, permit the use of doctor blades. Gradually, the superior print quality of the ceramic anilox roll is lost as its cell volume is reduced by the buildup of a microscopic film. The lower effective cell volume results in reduced color density and loss of print quality. Other visible effects of the film are light streaks, wavy lines, low color spots and even the streaks that were previously attributed to gear chattering.

Ultrasonic cleaning is now recognized as being the most successful method of removing ink, coatings and adhesives from engraved rollers. However, it is extremely important to select an ultrasonic cleaning system which is specifically designed for ceramic rollers and a system which will clean without damaging the fine screen cell walls.

Ceramic anilox rolls cannot be properly cleaned with conventional mechanical methods. The ceramic cell cavities are far smaller than even the finest brush bristles. Although blast systems can clean coarse anilox rolls, only ultrasonic cleaners can thoroughly and safely clean the fine count anilox rolls being used today.

Founded in Liverpool, England in 1983, Alphasonics has developed a worldwide reputation for innovation and technical excellence. Their broad product line ranges from cost-effective tabletop ultrasonic anilox roll cleaners to console systems for wide web applications. Alphasonic also offers two outstanding systems for cleaning Flexo printing plates, the compact PW Series and the high volume PC Series.

When selecting an ultrasonic cleaning system, three factors should be considered. FREQUENCY, POWER and FREQUENCY SWEEP are what go into producing an anilox cleaning system that will enable the user to clean his rolls effectively and safely.

For additional information call
800-808-1565

Melanie Anilox Cleaning System

Available in either single or dual frequency, the benchtop Melanie system incorporates advanced Alphasound technology at an affordable price. Despite its small appearance and price tag; it has the potential to clean up to six rolls simultaneously with a cleaning ability usually found in high specification systems.

**Mia Anilox Cleaning System**

The Mia series incorporates the features of a high specification unit with the compact nature of a benchtop model. This system brings the most sophisticated cleaning technology to the benches of smaller printers, giving them an advantage usually reserved for only the largest print houses.

**Miranda Anilox Cleaning System**

These floor standing models can be found in pressrooms worldwide. The Miranda series utilize cutting edge technology and are ideal for rolls of low to mid range screen counts. They are manufactured to the strictest specifications to ensure the highest standards available in the flexo and gravure industries.

**Megan Anilox Cleaning System**

The Megan series of floor standing models brings together the latest technology that has come as a result of years of Alphasound research. With a variety of easy to use cleaning options that can be selected using the simple menu system and an outstanding range of features, these systems are the absolute pinnacle of ultrasonic cleaning technology. What's more, these systems revert to it's most gentle setting at the end of the cycle and incorporate 'temperature fall back', giving payback potential through reducing energy costs.

