



MAILANDER



CRABTREE



WAGNER

WHY THE HAYNESWOOD ANILOX SYSTEM?

Hayneswood developed and introduced the Anilox System for use in the coating environment in the early 1990's. Since then over 500 Hayneswood Systems have been installed over the last 20 years in six continents.

"ART International are the Only Authorized Distributor of Hayneswood OEM Anilox Systems and Spare Parts." We have unequalled expertise in Anilox Systems. It's what we do, we don't do it as a sideline.

ART stands by its products and offer guarantees on its systems.

Our experienced service technicians are involved in the manufacture of the Anilox Systems and also come out to your plant. to install them.



INGHOR



THE SPECIALIST WITH MOST EXPERIENCE IN ANILOX COATING TECHNOLOGY

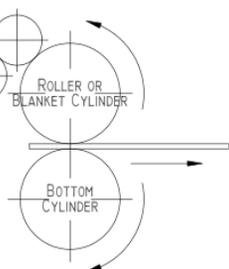
WHAT IS ANILOX?

Hayneswood Anilox Coating Systems are a well-proven method of controlling film weight application and distribution on sheet fed coaters.

Conventional Film Metering Systems

FILM THICKNESS IS ACHIEVED BY ADJUSTING THE GAP BETWEEN THE TWO METERING ROLLS

CONVENTIONAL FILM THICKNESS METERING ROLLS



WHAT ARE SOME OF THE ADVANTAGES OF ANILOX?

- ❖ Better film weight control and distribution
- ❖ Saving on lacquer consumption
- ❖ Higher quality
- ❖ Improved composition roller life
- ❖ Elimination of gear marks and other common flow problems
- ❖ Less moving parts
- ❖ Less operator adjustments so they can focus on production
- ❖ Lower maintenance
- ❖ Increased line efficiency
- ❖ Lower solvent evaporation and reduction in V.O.C's

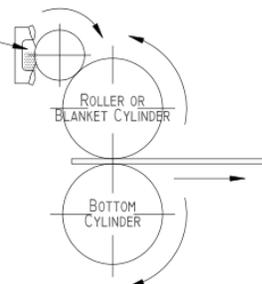
HOW DOES ANILOX WORK?

The existing metering rollers are replaced in a coater with a single engraved Anilox roller which is saturated with lacquer from an enclosed lacquer chamber. The lacquer chamber incorporates two scraper blades that can clean the surface of the roller leaving only a predetermined amount of lacquer in the rollers engraved cells. This lacquer is then transferred from the Anilox roller onto the composition roller which then applies the lacquer to the substrate.

Anilox Roll Metering System

LACQUER CHAMBER

FILM THICKNESS IS ACHIEVED BY ENGRAVING CELLS INTO THE SURFACE OF THE ANILOX ROLL. THESE CELLS FILL WITH LACQUER WHICH ARE THEN SCRAPED LEVEL AND DEPOSITED ON THE APPLICATOR ROLLER



HOW MANY ANILOX ROLLERS ARE NEEDED?

It depends on how many lacquers and film weights you wish to run on the converted coating line. A single roller can produce different film weights with different lacquers depending on the solid content and viscosity. As a guide UV lines generally only need one roller whilst a general can line may require five rollers. Hayneswood roller experts will assess your needs and guarantee to reach all the film weights you require within manufacturers specifications.

HOW LONG DOES AN INSTALLATION TAKE?

Our engineers have unparalleled experience and have converted all common types of coating machines worldwide including Crabtree, Wagner, Ratcliffe, Fuji, LTG, Billhoffer, Inghor and more. Usually coaters are ready to go into production within one day.

STEVE HARROP

Phone: 1 (831) 295 - 2969

Fax: 1 (831) 464 - 3453

Email: anilox@me.com

Skype: [anilox007](https://www.skype.com/user/anilox007)

www.aniloxinternational.com



1674 S Cagan Crossings Blvd.
Ste. 102B-69 Clermont, FL 34714

THE ANILOX SPECIALIST