

GUIDE

LIQUID OR LASER CLEANING?

Which is the best method to clean aniloxes?

TWO TYPES OF CLEANING...

This guide focus on **two different ways** of cleaning your expensive and delicate aniloxes:

Cleaning with liquid
& high-pressure water

Cleaning laser
technology

Both give a perfect cleaning result and will reduce your downtime and expenses from printing with dirty aniloxes. But which method is the best for you and your needs?

In the following pages you will find the questions you as a converter need to ask yourself when considering the best cleaning method for your business.

The guide will help you answer these questions:

What are the pros and cons of each system?

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What to consider?

4

What are my specific needs?

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PROS

- ⦿ Fast cleaning process: 10-20 min.
- ⦿ Daily deep cleaning possible
- ⦿ No wear and tear on aniloxes
- ⦿ Easy to operate

LIQUID CLEANING

CONS

- ⦿ Ongoing consumables cost
- ⦿ Waste and liquid handling
- ⦿ System requires maintenance
- ⦿ Difficulties with 2K inks

LIQUID VS. LASER ANILOX CLEANING

PROS

- ⦿ Waste free - no liquid consumption
- ⦿ Newest deep cleaning technology
- ⦿ Minimal maintenance
- ⦿ Effective on difficult coating, adhesives and 2K inks

LASER CLEANING

CONS

- ⦿ Larger start-up investment
- ⦿ Longer cleaning cycle: 0,5 - 2 hours*
- ⦿ Risk of changing cell structure
- ⦿ Needs trained operators

**Depending on type and length of anilox, ink type, brand of equipment etc.*

WHAT TO CONSIDER?

How do you choose between the two technologies?

As a converter, you need to consider which solution makes sense to you by asking yourself **a few questions:**

How much time do I have for cleaning aniloxes?

How large or limited is my anilox inventory?

How many aniloxes do I need to clean per cycle?

Where would I like to place the anilox cleaner?

What connections do I have available?

Are there any corporate policies or concerns regarding waste stream?

Do I use very difficult to clean inks or coatings?

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Use the
checkboxes
on the next page to high-
light the qualities which
applies for
your
printing business

CHOOSE YOUR MOST IMPORTANT QUALITIES

LIQUID CLEANING

- ☐ Cleaning 20 rolls or more per day
- ☐ Limited inventory for each anilox
- ☐ Tight production schedule
- ☐ Multiple changeovers per day
- ☐ Need for daily deep cleaning
- ☐ Cleaning of multiple aniloxes in 10-20 minutes
- ☐ Lower upfront capital expense

LASER CLEANING

- ☐ Cleaning less than 20 rolls per day
- ☐ Large inventory for each type of anilox
- ☐ Anilox in press longer with fewer changeovers
- ☐ Concerns with difficult inks, adhesives or coatings
- ☐ Location flexibility
- no easy access to utility connections and drainage
- ☐ Corporate focus on waste free cleaning
- ☐ Desire to eliminate ongoing consumables cost

**CLEAN
IS CLEAN**
YOU DECIDE HOW!

However, we are always ready to
help and guide you to the right solution!

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