



📞 961 47 10 85 🕒 Monday to Thursday 8:00–14:00, 15:00–18:00 | Friday 8:00–14:00

LASER ANILOX ROLLS CLEANING SYSTEM

Up to 80% time savings in Anilox Cylinder Cleaning with I-Lac machines

Cleaning anilox cylinders has always been one of flexo printers' biggest concerns. If the cylinders are not perfectly clean, they reduce their transfer capacity and therefore color intensity is lost in the printing, with the consequences for production that this can have: invalid prints, longer start-up times, etc.

I-LAC solves this problem effectively thanks to the laser that deeply removes the dried ink from the interior of the cells without damaging the cylinder cells. **A specially designed optical laser** vaporizes any residue and cleans the remains of dried ink, adhesives, waxes, silicones, etc. Laser technology allows cleaning without exerting any mechanical or thermal action on the anilox cylinder, which allows us to clean even after each use and preserve the useful life of the anilox rollers for much longer.



**SAVING 80% OF
TIME**

**ANILOX CLEANING
WITH OR WITHOUT
SHAFT**

**ALVEOLS AT 100%
PERFORMANCE**

**LASER OPTIMIZED
FOR FLEXOGRAPHY**

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MORE INFORMATION

Accurate and reliable laser
technology



beam through a series of diodes mounted on an optical fiber. The anilox cells are completely clean, achieving a nominal contribution of 100%, being able to clean any type of color, ink base or adhesive.

During the printing processes, the ink used is deposited at the bottom of the alveolus of the anilox cylinders and the volume of the cylinders is reduced and consequently, the contribution of the cylinder is reduced. Using laser technology, the laser anilox cleaning system removes the ink from inside the cylinder cells, extracting any type of ink, glue or varnish. In this way, 100% of the initial volume of the cylinder is recovered, being able to keep the color intensity always constant.



Intuitive software

The laser anilox cleaning system is controlled by a user interface that allows easy and intuitive operation of the machine without the need for additional knowledge.

parameters of the anilox as well as view the cleaning status at all times.



Accurate and reliable laser technology

- The fastest cleaning system on the market today with a reduction in cleaning time of **up to 80%** compared to other systems.
- Capable of cleaning very high lineatures where other systems have no possibility.
- Cylinders with a maximum ink supply. The alveolus are clean and 100% intensity is maintained.
- Being the maximum intensity, the times of work repetitions are reduced.
- Cleaning of any color and type of water-based, solvent-based ink, adhesives, varnishes, hardeners, etc.
- It does not damage the surface of the material or cause wear.
- Does not generate temperature increases on the cleaning surface.
- It does not generate waste, does not require a pneumatic air supply or need a water intake, it only requires electrical power.
- The user interface allows easy operation of the machine without the need for technological knowledge.
- Compliance with international safety regulations.
- Allows cleaning of Anilox with or without shaft.



**Cleaning unit
description**

<https://www.inelme.com/en/laser-anilox-rolls-cleaning-system/#form>

+ Technical characteristics



and anilox very efficiently using laser technology. The process is fast, simple, fully automatic and leaves the Anilox clean, achieving 100% cell volume without the use of chemicals, bicarbonates, etc. so that the machine only needs electrical power and does not generate any kind of waste. Cleaning is carried out with a special diode laser designed to remove elements foreign to the etched ceramic surface, such as remains of dried ink, adhesives, waxes and silicones that may remain on the surface and inside the cells. All this without altering or damaging the surface. It does not exert any mechanical action on the ceramic surface, the expelled dirt is captured by a filter after the ventilation system provided in the equipment.

Maximum installation power.....
5Kw

Average consumption.....
3Kw

+ **Cleaning speed**

+ **Material included**

+ **Machine elements**

+ **Washing process**

I-LAC machines are available from a maximum length of **500 mm to 3500 mm** (cylinder without shafts), covering any need, from the label sector to the case of special needs or large formats.

I-LAC F50-15

I-LAC F50-20



Maximum cleaning length (cylinder without shafts): 1500 mm

Maximum cleaning length (cylinder without shafts): 2000 mm



Maximum cylinder diameter: Ø350 mm

Maximum cylinder diameter: Ø350 mm



DO YOU WANT MORE INFORMATION ABOUT THE LASER ANILOX ROLLS CLEANING SYSTEM?

Your name (required) *

Your Email (required) *

Subject *

Message *



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