



The Contact Free Cleaning

Anilox laser cleaning is a more modern way of cleaning anilox rolls and is rapidly replacing the traditional methods such as media blast, ultrasonic, and chemical wash. The contact-free laser provides a cleaning without any mechanical, chemical, or unhealthy thermal load on the anilox.

The laser beam is directed to the anilox surface and the pulse's output power are controlled in a way that protects the ceramic layer and the engraved cells. The pulses are tuned to evaporate the material trapped in the anilox cells and can act against dried inks, adhesives, waxes, silicones, Teflon, and others.

This non-contact and non-abrasive method only expose the elements that are clogged over the substrate that are vaporized and come off as dust particles easily to be collected.

There are no screen count limitations as this system can work up to 800Lpcm (2000Lpi).

After a series of evaluations at the Novara, Italy production plant's R&D anilox center, the printing division of Praxair Surface Technologies has purchased the I-LAC system of Inelme – the first laser anilox cleaning system being introduced in the flexographic market in the early 2000s.

Inelme is a Spanish company that is present in more than forty countries with hundreds of running equipment around the world. The tremendous experience gained in the fields, brings an efficient, accurate, secure, and high-quality cleaning machine.

The PST Novara facility offers a complete evaluation service for your anilox pool. The rollers are inspected, laser cleaned, and certified as per a new anilox. Only anilox suppliers can assure a quality result, so please contact our sales team for a cleaning service quotation.

The machine is capable of anilox diameters from 60mm to 250mm and with a maximum cleanable facewidth of 2500mm for a total roll length of 3500mm between the journals.

Praxair invites you to visit our production facility at any time.

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