PULSE
ANILOX CLEANING

CLEANING BY LASER LIGHT

PULSE offline and inline cleaning of anilox rolls on site.

The focused laser beam removes the ink residue and the polymer residue by vaporization. The cleaned surface reflects or transfers the laser beam.
Ceramic and chrome surfaces will not damage or melt.
A 2 meter anilox roll (pollution 40-30% theoretical volume) is cleaned within one hour.

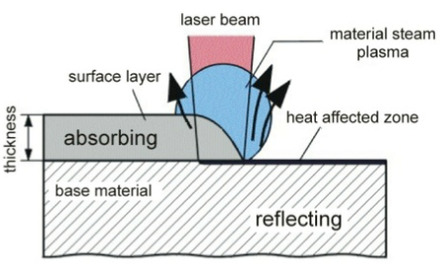
The new Laser

- Laser cleaning process by a digital controlled pulse
- Cleans anilox rollers down to the bottom of the cells
- Extreme short pulses and a beamwidth ensures a controlled energy at the surface

INNOVATION AND BENEFITS

Technology of Laser cleaning:

- Advanced Laser beam width
- Digital controlled Laser **(new)**
- Exact, reproducible cleaning results



The physical effects:

- Contaminated layer (ink and polymer residue) is absorbed by heat
- Low impact on the surface

The environmental benefits:

- No blasting agent
- No noise
- No dirt due to direct extraction

TECHNICAL SPECIFICATION

• Type of Laser:	Solid State Laser supplied by a diode
• Laser class:	4
• Power Laser source:	100-300 Watt
• Pulse rate:	100 – 200 kHz
• Laser beam width:	6 Centimeter
• **Control:**	**Digital**

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