

Saueressig: Manufacturer of printing press cylinders. "Good maintenance ensures quality"

Jochen Lauschus, head of Industrial Engineering at Saueressig, a printing press cylinder manufacturer, relies on quality and compatibility when purchasing and maintaining air pollution control systems. Essential separators are serviced every three months by Keller because reduced output could result in unusable printing cylinders.

Saueressig, headquartered in Vreden, is a worldwide manufacturer of printing cylinders and embossing rollers. "A lot of supermarket packaging is printed with cylinders produced by us", explains Jochen Lauschus. Saueressig also embosses many other everyday objects such as toiletries, wall coverings or flooring. Lauschus has been heading up Industrial Engineering for Maintenance and Engineering for two years. The company recently completed a service agreement for 20 air pollution control systems operating on inkjet and laser machines, as well as brushing machines.

„We always request the same service technician to perform the maintenance.“

says Jochen Lauschus, head of Industrial Engineering

Brief maintenance intervals for key systems

As requested by the manufacturer, maintenance is performed annually. "Of course, our own technicians also inspect the systems on a regular basis", explains Lauschus. "For our air pollution control systems on laser engraving processes, we ask for

Keller service more frequently - every three months." On all these machines, separation is critical for the quality of the process cylinder. "If the optics of the laser unit are contaminated due to inadequate separation, the resulting image will no longer be acceptable. Because a typical process can take up to 40 hours, should such a roller become unusable, it would result in immense losses.

Adherence to legal requirements

"Continuous maintenance of the separator, as well as emissions testing by a qualified company, are vital for us since we have to certify that we meet the legal requirements of TA Luft", explains Lauschus. "Particulate level measurements can signal a deterioration in emission values early on, so we can rapidly respond with preventive measures."

Lauschus is very satisfied with Keller service: "We always have the same service technician who is familiar with our premises, who also

trains a new colleague for fast service response times.

Detailed analysis of system efficiency and operating costs

In the future, Lauschus wants to ensure more statistics regarding system efficiency and the resulting operating costs: "We implemented a new module



Optimal extraction is critical for the quality for the laser engraving of printing cylinders.



A lot of packaging presently on supermarket shelves is printed with Saueressig cylinders.

'Maintenance' to be able to access detailed data in the future. We can then better evaluate where it might make sense to replace old machinery with new "

Watchwords for condition and service are quality and compatibility

Our machine and system pool has grown over the years. As part of this continuous growth, entire systems and components delivered by existing suppliers have been supplemented with products from new suppliers in order to meet the requested production volumes and requirements. In order to maintain maximum efficiency, it is important to optimally synchronize the components with complex systems. "This is the only way to ensure that an integrated design of the entire system yields optimal results. It is important having a qualified contact person in the event of malfunctions or possible modifications. We therefore frequently operate with a system specific maintenance contract to ensure system efficiency." <

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The Industrial Engineering manager, Jochen Lauschus, plays it safe by requesting Keller service for their most important separators every three months.