

Your service partner for non-contact drying and web guiding in paper production



Key to smooth operation

Our services for non-contact drying and web guiding span a wide range of areas – from preventive solutions and corrective measures to process-specific applications. We also support our customers in complying with legal requirements, such as emission guidelines. Our services help to increase the efficiency and operational reliability of your plant and minimize downtime.

Why Voith?

As a full-line supplier, Voith offers the widest range of technologies, services and products on the market and provides paper manufacturers with comprehensive solutions from a single source. Voith's service products are based on years of experience and tailored to customer needs. The long-standing experience of Voith specialists helps to identify and analyze problems at an early stage and develop options for efficient troubleshooting.

Our approach

An essential aspect of our work is the individual consideration of each customer. We keep extensive records to ensure that we have a detailed understanding of each customer's specific requirements and challenges. This enables us to respond quickly and appropriately to changes or problems and offer tailor-made solutions.

Your reliable service partner

Customer satisfaction is very important to us, and we work closely with you from the quotation stage to completion. Our team is on hand to help with any questions or problems you may have. Choosing Voith means choosing a partner who understands your needs and supports you in realizing your vision.



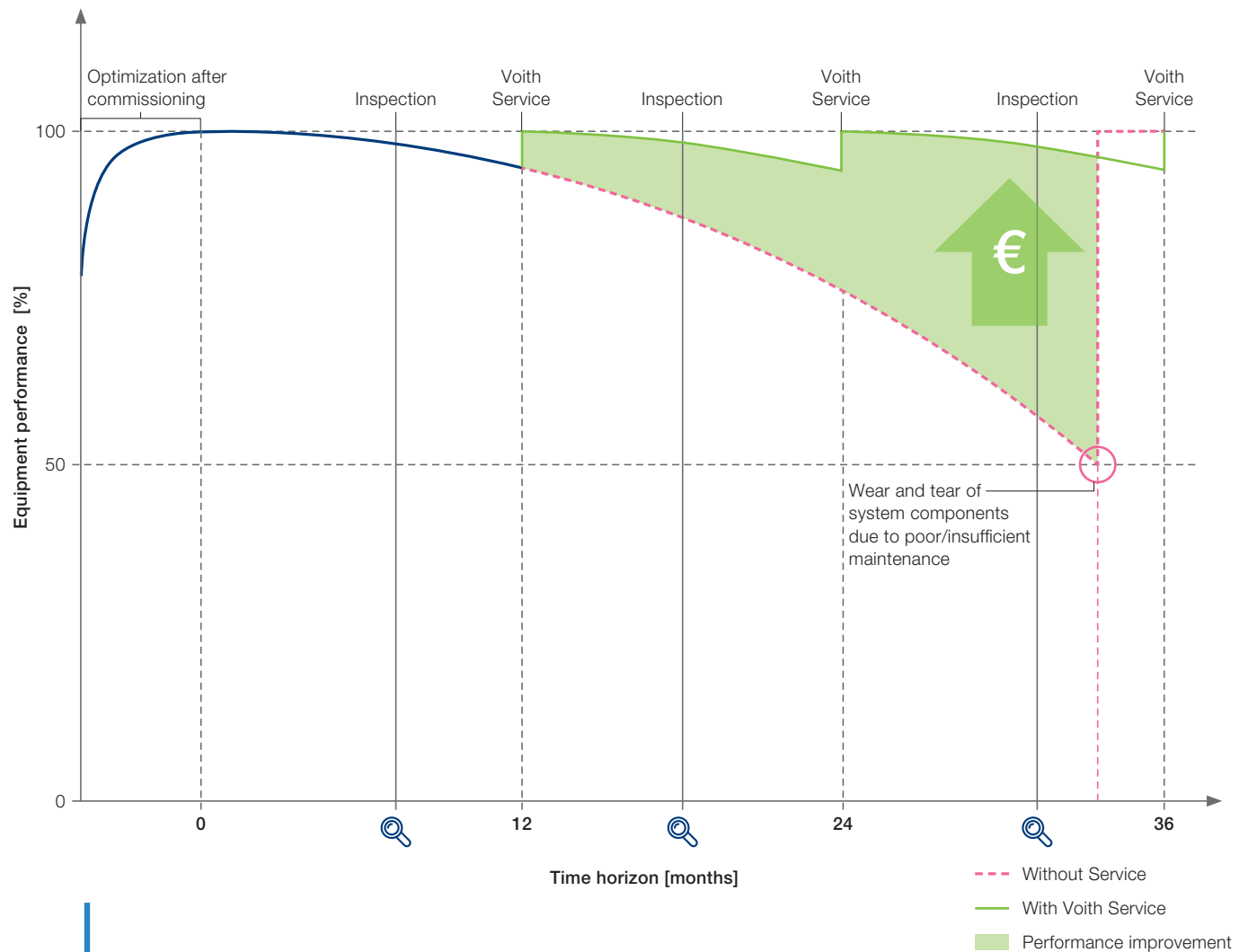


Your partner for non-contact drying (NCD)

- 60 years of experience in NCD technology
- Encompassing R&D, engineering, service and production
- Global expertise and local service
- Spanning the entire spectrum of NCD technology:
 - Infrared drying: gas IR & electric IR
 - Air drying & cooling
 - Non-contact web guiding
 - Energy optimization

Why plant service?

Cost reduction through increased performance



Regular Voith service

- Increased safety for employees and machinery
- More reliable plant operation
- Less wear on system components
- Reduction in energy costs thanks to optimally adjusted systems



Get the most out of your machinery – with Voith at your side!

A strategy for every situation



Inspection & maintenance

An inspection identifies minor defects at an early stage that could lead to consequential damage, reduced performance or failures without our service. The inspection includes checking all relevant safety devices and functions as well as monitoring the operating parameters of your system. It forms the basis for all further maintenance and repair work. For optimal performance and to monitor the wear and tear of functionally relevant components, we recommend an annual cycle. Maintenance work is carried out based on the inspection. Typical maintenance work includes cleaning or replacing electrodes or filters, as well as repairing individual emitter elements (minor repairs). Major overhauls or repairs can be carried out at additional cost. If custom-made parts are necessary or spare parts are not available, we will be happy to help you procure them and arrange a follow-up appointment. We align our work with your individual downtime schedules and plan the work together with you in order to make the most effective use of the downtime. Please send us your annual downtime schedule so we can arrange an appointment in good time.



Gas nozzle maintenance

Nozzle cleaning is a preventive measure that serves to maintain the performance and efficiency of emitters and improve the combustion pattern for uniform drying. Clogged nozzles can lead to the failure of individual emitters and, consequently, to varying degrees of wear if the condition persists over a longer production period. Contamination of a pilot emitter can directly affect the functionality of the entire emitter row. During nozzle cleaning, individual defective nozzles are replaced with new ones as needed. A test ignition to check the combustion pattern and adjust the operating pressures is part of this service. Comprehensive nozzle cleaning can prevent emitter failures and thus future follow-up costs.



Revision & repair

An NCD revision aims to restore the original condition of the plant. Reasons for revision may include advanced wear or the end of the service life of safety devices. Repairs are carried out on defective components that cannot be replaced without considerable effort. Our experts assess the reparability of a component, taking into account all technical and economic aspects. Typical repairs include welding work on pipes, flaps and load-bearing components. A revision or repair can be carried out, for example, as a result of defects identified during inspection and maintenance. With our qualified specialists, we can also ensure the target condition of systems from other suppliers.



Emitter replacement

Emitter replacement is necessary to maintain the desired drying performance under energy-efficient operating conditions and is usually carried out after our service technicians have determined the condition of the emitters during an inspection and recommended replacement. Infrared emitters lose efficiency and reliability depending on operating time, machine conditions and the thoroughness of maintenance. Regular monitoring of emitter conditions and timely replacement are therefore necessary to ensure the desired drying performance and functional safety. Emitter replacement can be carried out preventively if detected in time but may also be necessary as a corrective measure in the event of age-related failures. Third-party emitters can also be easily replaced with Voith emitters. During each replacement, the appropriate operating pressures are set, and the dryer is subjected to a functional test without paper. Optionally, dryer start-up support can also be booked for machine start-up.

Troubleshooting

If there are urgent issues with the system that really slow down or even stop production, we need to identify the cause and resolve it quickly. We'll try to help you online or onsite as soon as possible. To troubleshoot successfully, we need a clear description of the problem so we can narrow down the cause ahead of time. To have the necessary spare parts on hand in an emergency, stocking the most important components is a high priority. Many malfunctions of this type can be prevented with regular preventive inspection and maintenance.

Installation & commissioning

Professional installation and commissioning include managing, supervising and carrying out the installation as well as training the staff on site. Mechanical and electrical installation ends with an IO check. Commissioning includes performing functional tests on hardware and software, stabilizing operation through technological adjustment of operating parameters, and ending with handover to your personnel. This ensures your equipment is in good condition and offers maximum availability. During planning, we work closely with you to meet your goals on time.

Optimization service

Our optimization services offer the opportunity to reveal optimization potential and identify problem areas. Depending on your needs, the focus can be on process audits, emission optimizations or mechanical reviews. The scope is determined in close consultation with you and tailored to your goals. Typical activities include technological analyses, plant calculations and on-site measurements. All optimization services aim to identify and develop potential savings or improvement opportunities through intensive system analyses in order to initiate measures for sustainable, more environmentally friendly and cost-optimized plant operation. Measurements, calculation results and optimization options are documented in a report. A well-maintained plant is recommended for the best possible results.



Services for non-contact drying and web guiding are part of the comprehensive Servolution portfolio



Equipment services

Installation & commissioning services

- ☒ Installation service
- ☒ Commissioning service

Maintenance

- ☒ Inspection
- ☒ Preventive maintenance
- ☒ Corrective maintenance
- ☒ Equipment improvement
- ☒ Repair & refurbishment

Materials

- ☒ Spare parts
- ☒ Wear parts & consumables



Process services

Audits

- ☒ Maintenance
- ☒ Energy
- ☒ Production line

Expert support/ consulting

- ☒ Data analytics
- ☒ Condition monitoring
- ☒ Technology
- ☒ Maintenance
- ☒ Engineering
- ☒ Automation

Training

- ☒ Equipment
- ☒ Operation / Technology
- ☒ Safety
- ☒ Methodology

Pilot trials

- ☒ Laboratory



Remote tools

- ☒ Telephone support
- ☒ VPN support
- ☒ Video support



Voith Group
St. Poeltener Str. 43
89522 Heidenheim, Germany

Contact:
Phone +49 2166 988-111
Orders-Quotes-VPMG@voith.com
www.voith.com



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