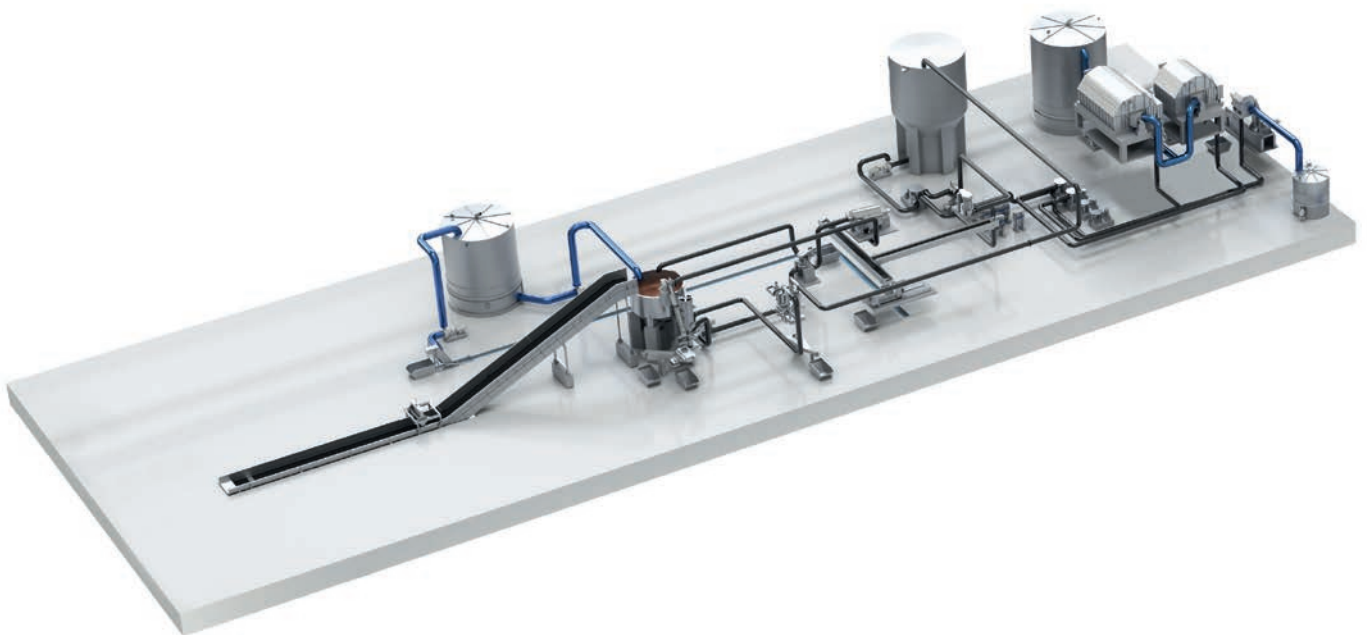


Foundation for sustainable operation

Stock Preparation Audit



Your benefits

- + Increased profitability by improving the yield
- + Identification of bottlenecks
- + Improved pulp quality
- + Detailed reporting with recommendations and ROI calculation



Our experience – the benefits for you

Leading paper manufacturers know that business success depends on maximizing the efficiency of their plants and carefully monitoring all processes. Nowadays, the sustainable use of resources like pulp, energy and water is also an economic and ecological necessity.

We are a leading recycler of recovered paper with more than 100 complete plants sold since the year 2000. Thus we have the experience necessary to detect weak points in stock preparation processes and suggest effective solutions.

Equipped with this knowledge, our customers can take appropriate action and, if necessary, make investments to ensure that their systems operate reliably throughout their service life.

Why Voith?

Our service specialists are deployed throughout the world and have many years of experience evaluating the technology of stock preparation processes.

As a full-line supplier of stock preparation plants, we have the experience necessary to achieve a correct balance between productivity, product quality and operating costs. Our specialists can draw on Voith's expertise in the development of stock preparation machines to make specific suggestions for improvement. They also have access to benchmarks gained from numerous successful studies.

We'll be glad to conduct audits to help you achieve long-lasting improvements. A Voith stock preparation audit is the ideal basis for a successful service partnership with Voith Paper – our contribution to your success.

Our activities – tailored to customer needs

After preparing for the audit based on available data and information you provide, we analyze your processes on site and determine the technical state of your facility. We also observe your general operations and discuss them with your production employees.

The first step of the analysis is to determine the current stock-water-ash balance. In addition, we simulate an optimized system, assuming various production conditions in order to discover possible bottlenecks

Depending on your objectives, we determine other parameters relating to processes and quality, such as fiber losses, energy consumption, technical availability, content of sticky materials and optical properties. Material samples are taken during the on-site analysis. Necessary measurements are performed either in Voith's laboratory or in our mobile lab, MobiLab.

We apply digital tools in order to conduct the audit with maximum efficiency. This includes preparation of the audit using our remote video solution OnCall.Video and efficient analysis of the data using our remote service center OnPerformance.Lab.



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

- Production line
- Maintenance
- Digitalization
- Energy
- Safety
- IT-Security

Expert support / consulting

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

Training

- Equipment
- Operation / Technology
- Safety
- Methodology

Measuring & diagnostics

- 3D scan
- Alignment service
- MobiLab
- Paper moisture profile analysis
- Paper profile analysis (Tapio)
- Press load measurement
- SpeedUp certificate
- Vibration analysis
- Wet end process analysis



Remote tools

- Telephone support
- VPN support
- Video support
- Cloud service

Our scope of service

- Measuring mass flows (volumetric flow, stock consistency)
- Compiling a stock-water-ash balance
- Determining fiber losses (quantities of residual materials in individual subsystems)
- Determining selected quality parameters (spots, residues, stickies, etc.)
- Assessing the capacity of installed machines and of stock and water pumps in order to identify production bottlenecks
- Identifying ways to save energy

Optional

- Laboratory tests in the Voith Paper MobiLab
- Audit of the process water system
- On-site expert support



Please click on this **link** or scan the QR code to visit our Process Services website:



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