

Perfect geometry for maximum productivity Voith Paper Alignment Service



Your value

- + Increased productivity
- + Improved paper quality
- + Savings because of increased lifetime of roll covers, machine clothing and dewatering elements
- + Reduced wear of machine components
- + Everything from one source: measurement – analysis – adjustment – documentation

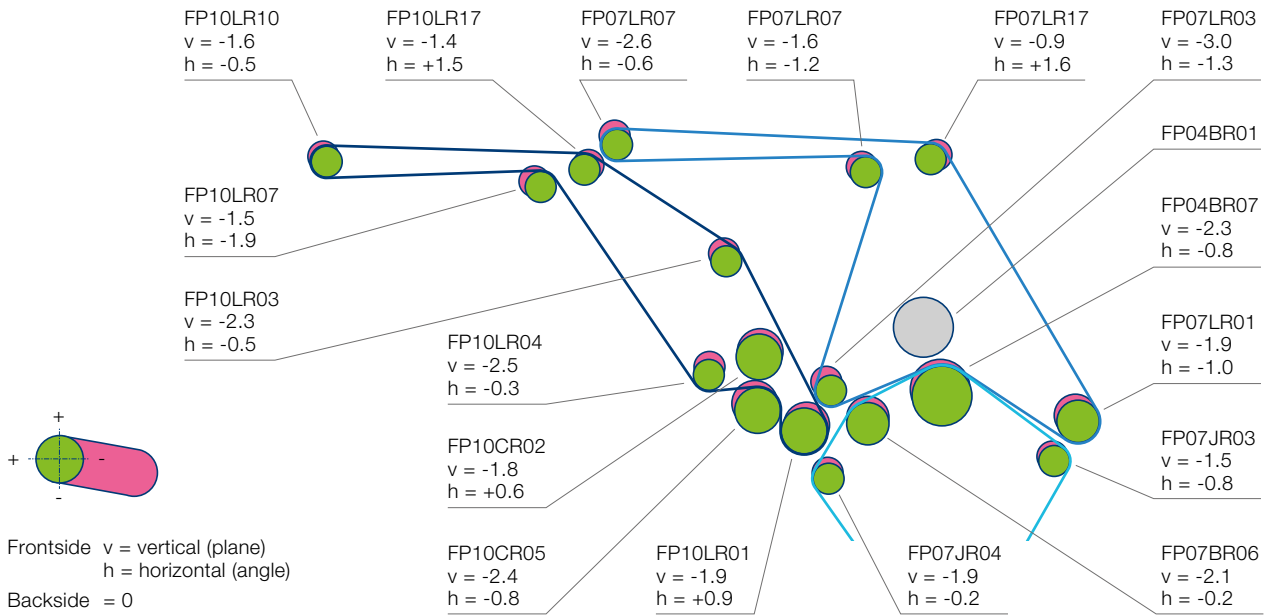
One source for the right solution

During the lifetime of production lines, foundation dispositioning can result in moving positions of rolls and functional components in multiple directions. Misalignment causes vibration and extensive wear problems in operations and has a negative effect on paper quality. Proper alignment according to construction specifications is one key to successful operation and is an important element of preventive maintenance. Increasing demands on paper productivity require perfectly aligned equipment in order to achieve the highest levels of runability and quality.

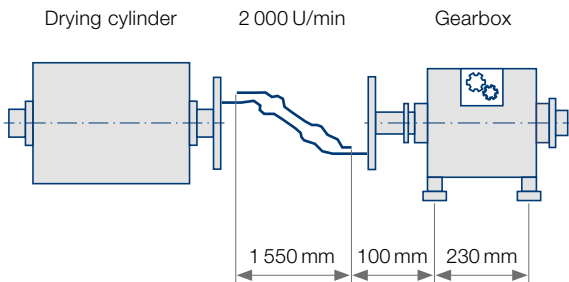
Why Voith?

Our globally active Voith service specialists have the needed experience and process know-how to perform all mechanical and laser optical measurements for complete production lines, from stock preparation to packaging, including roll drives, foundation rails, dewatering elements and frame components. Close cooperation between our service specialists and design departments ensures that everything is aligned to the correct application and specification.

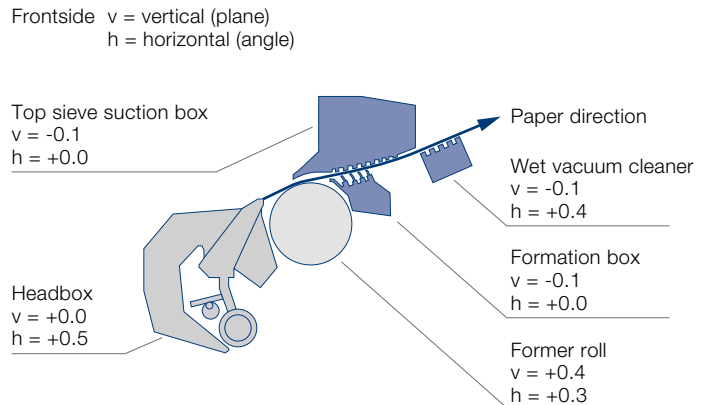
Detail of press section



Shaft alignment



Measurement forming section



We have the necessary experience to perform mechanical and laser optical measurements with up-to-date methods and tools like:

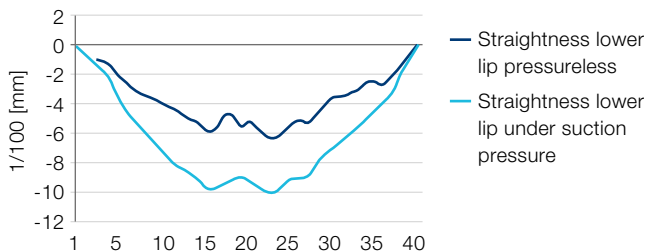
- 3D tachymeter
- Rotalign systems
- Voith trolley with specific measuring tools

All our measurements are aligned to the correct application and installation tolerances. We visualize the results and provide easy-to-read reporting with specific recommendations.

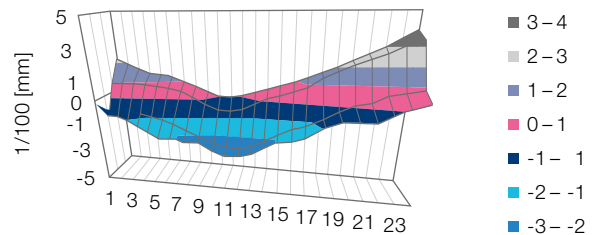
Our scope of service for an alignment is performed, for example:

- in 3 dimensions of all machine sections
- for rolls incl. dryer section rolls and cylinders
- for power trains (electric motor, gear box, coupling, Cardan)
- for forming section rolls and dewatering elements
- for blades
- for buildings and foundations
- for frame elements, machine sections and single components
- for headboxes – evenness and planarity
- for headbox under simulated back pressure

Headbox – slice lip profil



Headbox – board flatness



Voith Paper Alignment Services are part of the comprehensive Servolution services portfolio

[Wrench Icon] Equipment services

Installation & commissioning services

- Installation service
- Commissioning service

Maintenance services

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

Materials

- Spare parts
- Wear parts & consumables

[Brain Icon] 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
- Approach flow stability
- MobiLab
- Paper moisture profile optimization
- Paper profile analysis (Tapio)
- SpeedUp certificate
- Vibration analysis

[Person Icon] Remote tools

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

Please click on this [link](#) or scan the QR code to visit our Measuring and Diagnostics Services:



Voith Group
St. Poeltener Str. 43
89522 Heidenheim
Germany

www.voith.com

Please click on this [link](#) or scan the QR code to visit our Servolution website:



Contact:
Phone +49 7321 37-0
paper@voith.com



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