

Pulp and paper applications – paper machine

Vibration sensors help improve machine reliability and efficiency, so you can minimize unplanned downtime, reduce operating costs and protect critical components from damage or failure.



Vibration monitoring for pulp and paper machines

Every minute that your pulp and paper mill is down represents revenue loss. Maintenance and reliability engineers depend on vibration monitoring to identify mechanical problems early, keep machines running and plants operational.

Vibration monitoring benefits

- Acceleration sensors provide true peak detection for short-transient impulses
- Low cost implementation
- Increased safety and asset management
- Better alarm handling and reporting
- Programmable alarm functions for automatic work order generation
- Optimized maintenance scheduling
- Hazardous area certified models

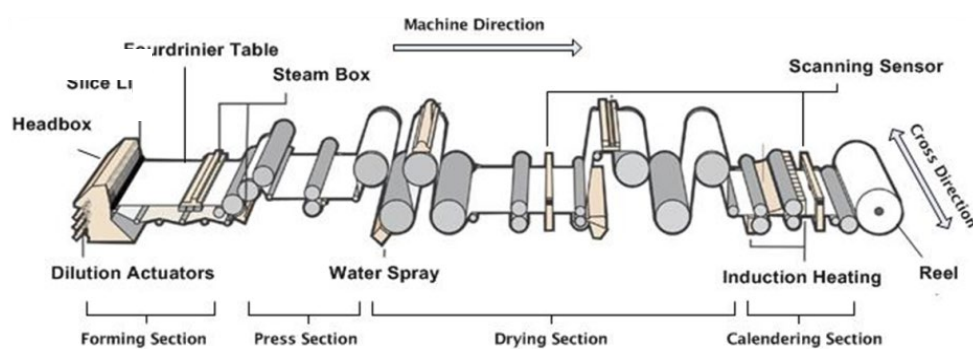
Typical components that use vibration monitoring

- Calenders
- Chippers
- Compressors
- Couch rolls
- Dryers
- Drying cylinders
- Fans
- Moderate speed gearboxes
- Motors
- Paper machine rolls
- Pumps
- Winders



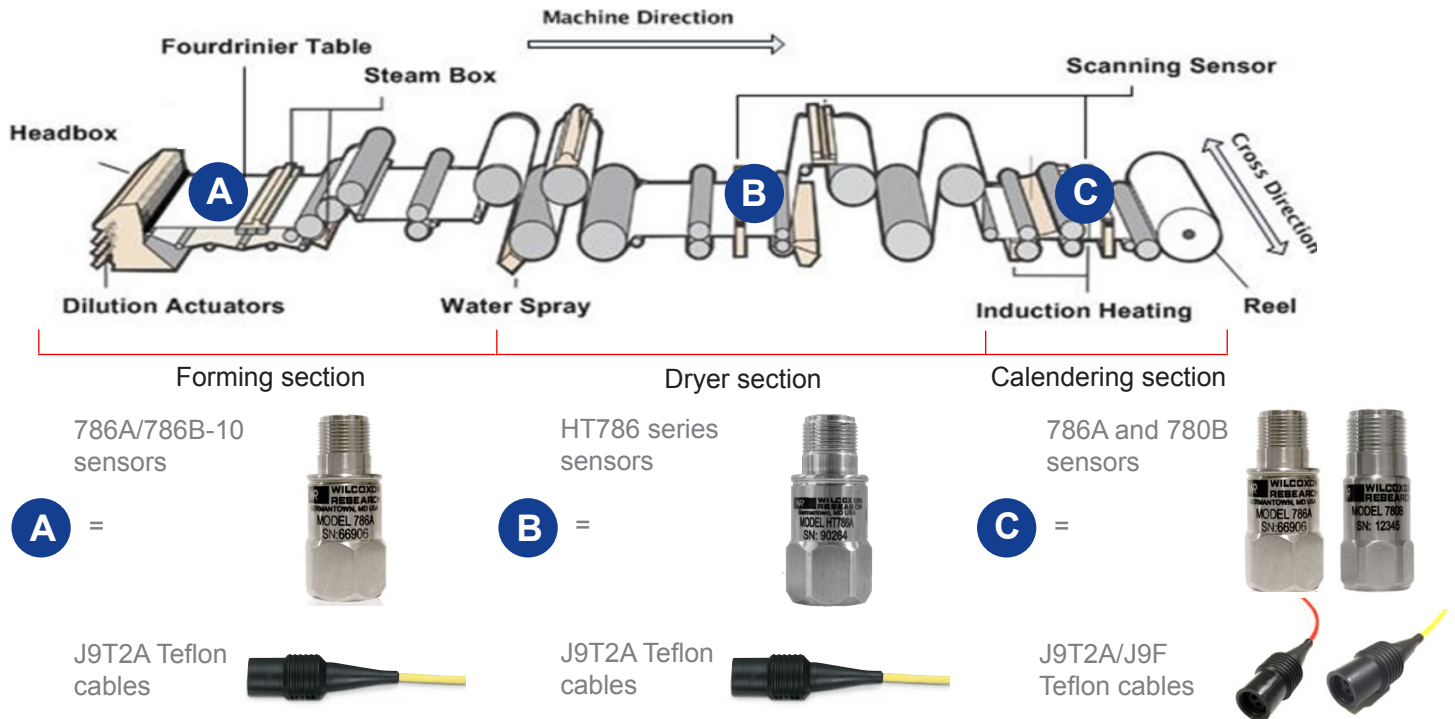
Quickly identify machinery faults

- Bearing damage*
 - Lubrication issues*
 - Imbalance*
 - Misalignment*
 - Bent shaft
- * primary causes of equipment failure



Reliable vibration monitoring helps you understand asset condition

Sensors for data driven decision-making | Critical vibration measurement points | 500-600 sensors per machine



Key considerations, recommended solutions and products for pulp and paper applications

| Consideration | Solution | Product |
|--|---|--|
| A - forming section: high moisture, caustic chemicals | Standard sensors, low frequency sensors, splash proof connectors, chemical resistant cables | 786A/786B-10 6Q connectors J9T2A Teflon cables |
| B - dryer section: high temperature, enclosure, high moisture | High temperature sensors, splash proof connectors, high temperature cables | HT786 high temperature sensors 6Q connectors J9T2A Teflon cables |
| C - calendering section: high moisture, high pressure | Standard sensors, splash proof connectors, chemical resistant cables | 786A/780B 6Q/6W connectors J9T2A/J9F Teflon cables |

Why choose Wilcoxon?

- Customer support
- Reliability and quality
- Consistent, long-term product performance
- One-stop for everything you need
- Online shopping convenience, go to

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Complete solutions to meet your vibration monitoring needs!

Specialty and general purpose sensors, cables and connectors, mounting accessories, enclosures, portable meters, intelligent transmitters