

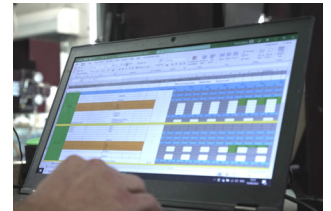
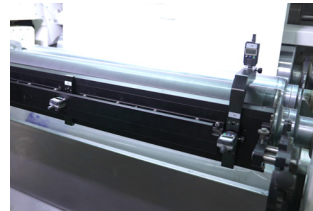
Condition-based maintenance - no more, no less.

With the **TRESU Machine Condition Analysis (MCA)**, unplanned stops can be minimized by knowing tracking and reacting on the exact condition of the machine or equipment. The MCA increases performance and quality by detecting wear issues and reacting before they turn into unplanned stops.

Predictive maintenance with condition-based monitoring preserves the asset

With an MCA we review more than 100 inspection points per unit – from infeed to outfeed – to pinpoint where service, repair or an upgrade is needed or applicable and we put together a comprehensive report enabling predictive maintenance pinpointing:

- Alignments and tolerances
- Adjustments
- Temperature and vibrations
- Alignment of chambers
- Levelling and positioning
- Visual checks



CEO Troy Walls from Aspen Paper Inc states that the Machine Condition Analysis performed on his inline multi-station TRESU Flexo Innovator printing press: “Valuable in protecting the asset of the press – if you want your asset to stay in top notch condition the MCA is key in keeping the performance. It is a very good condition analysis to find potential issues before they become a major problem” – and this is exactly what the MCA is about.

A thorough machine condition analysis is a precondition for a well-maintained plant and always part of any TRESU service agreement. Key functions in the press are examined, measured, and tested to secure proper functionality and long-term maintenance planning.



Availability	Unplanned loss	●●●●●●
	Planned loss	●●●○○○
Performance	Small stops	●○○○○○
	Slow cycles	●●●●○○
Quality	Print rejects	●●●○○○
	Startup quality rejects	●●○○○○
Fully productive time	Fully productive time	●●●●○○
Sustainability impact		●●●●○○

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