

Condition Monitoring Solutions



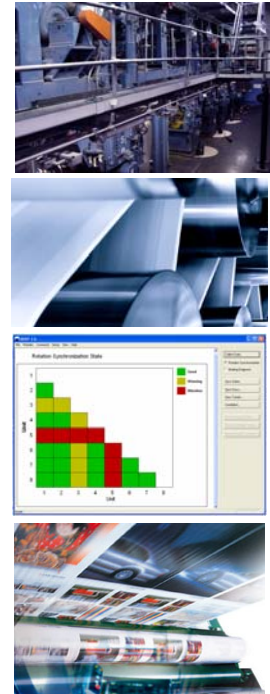
Mechworks Systems Inc.

MACHINE CONDITION MONITORING WITH ODISY™

Description

Machine Condition Monitoring with ODISY™ is an intelligent, value-added systems solution that aims to ensure the effective operations of key plant assets to our customers. ODISY is capable of performing complex vibration data analyses, allowing for the accurate detection of bearing failure, roller unbalance, gear run-out, gear tooth damage and other unhealthy machine conditions.

ODISY utilizes the advanced data acquisition capability of our leading-edge accelerometer systems, MechSense™, to record vibration signatures of machine parts such as bearings or rollers, and identifies failure mechanisms through deviations in the signatures caused by abnormal vibrations.



A Flexible Systems Solution

Whether the plant asset is a printing press, a steel roller, or an assembly line, our different applications of ODISY algorithms are tailored to suit the needs of our customers.



ODISY is compatible with other conventional vibration sensors our customers are currently using. ODISY's sensor adaptability introduces extra flexibility to the machine maintenance programs of our customers.

A Proactive Approach to Plant Asset Management

ODISY facilitates quality control by performing predictive maintenance to ensure machine reliability. By adopting ODISY into machine maintenance programs, our customers experience significant reduction of man-hours spent on data collection and analysis.

Some Areas of Application

- ◆ Printing Presses
- ◆ Fans
- ◆ Gearboxes
- ◆ Cold Steel Rollers
- ◆ Pumps
- ◆ Pulp & Paper Machinery

Please contact us for more detail.

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