

Ultrasonic and Alignment

Streamline Maintenance With Diagnostic Services

TRIOSIM
CORPORATION

Go Further with Triosim

As many of our customers have learned, there are significant benefits associated with the use of diagnostic equipment that employs state of the art technology. Maintenance operations that once were time consuming or "hit and miss" can now be performed quickly and with greater accuracy than ever before.

Laser Alignment Technology

Call on Triosim to learn about ultrasonic and laser technologies or any of our field services for pulp washing systems. Laser technology has been around for a while and has, for some mills, replaced manual methods for aligning equipment. However, the original laser technology was slow, inaccurate and it was difficult to work with the data.

Less-than-perfect alignment of your drive systems causes wear and premature failure of couplings, bearings and motors. Improved laser technology makes it easier to properly maintain washer and repulper drives. The result will be longer life for your bearings, couplings and motors.

Triosim employs state-of-the-art laser technology to assure your systems are operating at optimal alignment. We specialize in shaft and motor coupling alignment, but will be happy to discuss with you the application of this technology anywhere in your plant.

Ultrasonic Equipment

Using ultrasonic equipment, we are now able to detect leaks in washer drums using a process that requires far less time and guesswork than conventional methods.



Triosim technician checks for a leak in a washer drum using Ultrasonic technology.

Now the process can be completed in a matter of minutes - not hours, with no downtime necessary.

Ultrasonic diagnostics are also very useful in determining wear on bearings without disassembling equipment. Recording the frequency readout allows us to compare future readings to the original data. Changes in frequency may indicate wear and will help to plan for scheduled replacement rather than dealing with an emergency failure.



Today's laser technologies are vastly improved. They are much faster, easier to work with and far more accurate.

- **Laser technology assures your systems are at optimal alignment**
- **Provides longer life for bearings, coupling and motors**
- **Ultrasonic technology allows us to detect leaks in washer drums in a more efficient and effective manner**
- **No unnecessary downtime**

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