

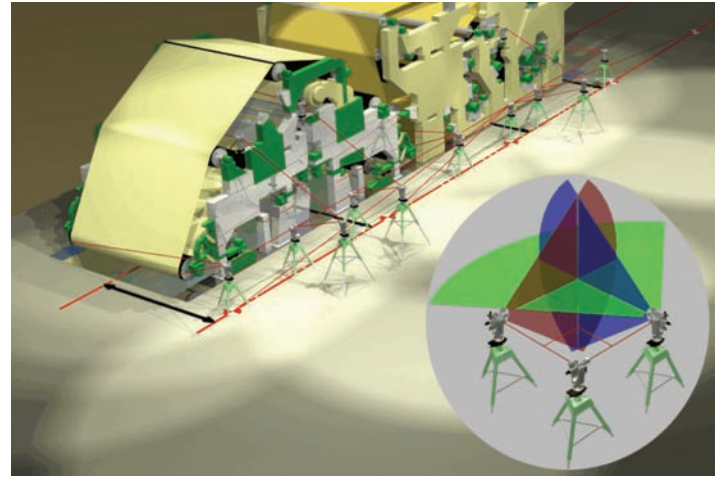
Precision Machine Alignment

Coater or Size Press. Coater head and roll alignment are critical to efficient operation of these units. An OASIS inspection team will identify any misalignment and recommend steps to address the problems. At this time, or during a subsequent outage, a trained OASIS alignment team can realign the coater and/or the size press components to recommended tolerances.

Calenders. Both on and off machine calenders are critical to your operation. OASIS can inspect the alignment condition of either variety of calender. These inspections can determine the cause of operational issues such as **wrinkling, barring, baggy edges, poor profiles, excessive roll wear, increased vibration** and more. Typically the inspections will include:

- Level and perpendicularity of the King Roll
- Queen Roll, and intermediate roll if applicable, nip parallelism and centerline coincidence
- Calender ways can also be inspected for flatness, plumb and rotation

At this time, or during a subsequent outage, a trained OASIS alignment team can realign the calender components to recommended tolerances.



Survey/Diagnostic Inspection. OASIS' in-depth inspections are intended to identify misaligned component conditions that can be responsible for such problems as:

- Excessive Roll Wear
- Poor Profiles
- Wrinkling
- Baggy Edges
- Barring
- Premature Equipment and Hardware Failures

Benefits of Precision Machine Alignment

- Improved Calendering
- Improved Coating Profiles
- Reduced Maintenance Costs
- Reduced Downtime
- Improved Product Quality
- Reduced Vibration
- Increased production efficiency
- Reduced waste
- **FAST ROI**

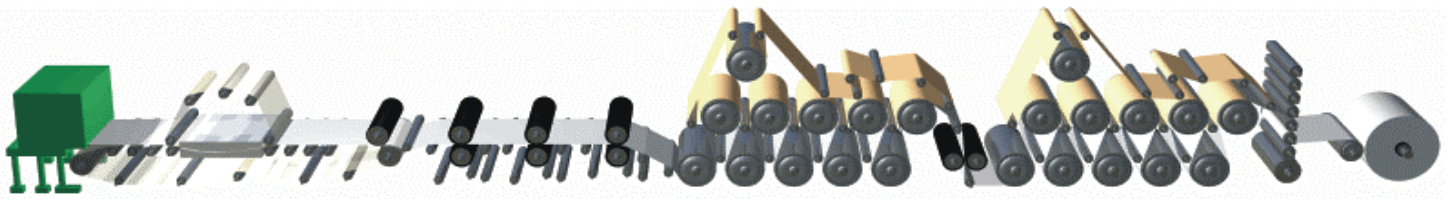
For more information contact us at:

(800) 344-4056

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With offices located across North America, OASIS can be there where you need us, when you need us.



Our Capabilities. In addition to our alignment services, OASIS has expanded its offerings to include extensive mechanical services, providing our customers with complete service from diagnostics to alignment adjustment to equipment maintenance, rebuilds and installations.

- Optical Alignment
- Mechanical Adjustments
- Preventative Maintenance
- Project Management
- Rebuild & Upgrade Support

Maintenance Planning. Working closely with production and engineering personnel, OASIS provides planning for shutdowns and routine maintenance. The planning team computes resource and time requirement, utility needs and personnel staffing. The result is maximum outage efficiency and minimized machine downtime.



The Mobile Fleet. Each OASIS regional center is equipped with a mobile machine shop/ tool crib that is brought to your site to become an integral part of an installation or alignment effort. Mobile tool set-ups are moved into a plant next to the machine. This approach offers maximum flexibility to perform mechanical tasks efficiently and work within your shutdown schedule.

The OASIS Advantage. OASIS is the recognized industry leader in the precision alignment of large rotating production equipment. Using optical and laser instrumentation, OASIS engineers have performed more than 20,000 successful alignment projects since 1982 and have set the industry standards in:

- Optical inspection and alignment procedures
- Technical reports
- Baselines and monuments
- Mobile machine shops and tool cribs
- Specialized tooling

The OASIS Report.

Every OASIS service call is documented in a report that provides a complete evaluation of the inspection or alignment work



performed. These reports are an effective tool for planning future alignment and maintenance needs and for documenting machine conditions.

For a free copy of a sample technical report, call:

(800) 344-4056

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OASIS
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Setting the Standards in Precision Alignment

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