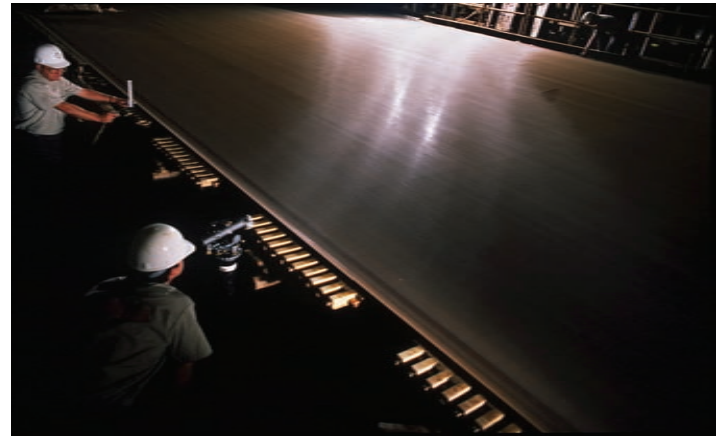
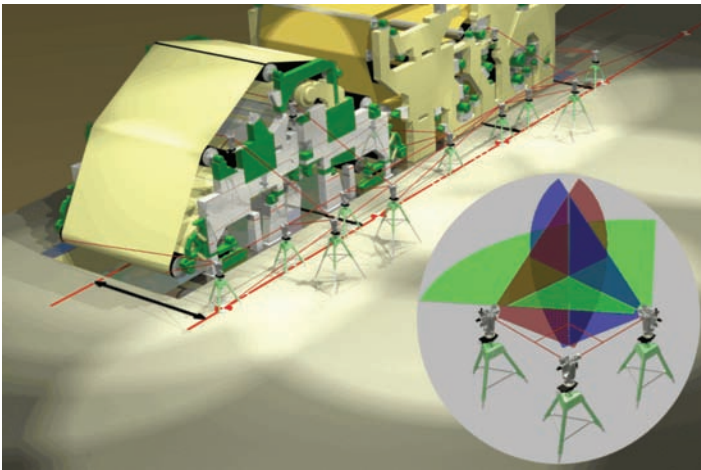


Centerline Survey and Baseline Verification/Installation

An OASIS machine centerline survey and baseline verification or installation accomplishes the following:

- Establishes the best representation of the paper machine centerline as it currently exists
- Provides an overview of the alignment profile of the paper machine
- Provides a basis for maintenance planning and operational troubleshooting
- Establishes a permanent alignment reference for:
 - > All future machine alignment
 - > Machine rebuilds and installations
 - > Recording machine movement caused by building or machine settlement or movement caused by normal thermal cycles



Benefits of Paper Machine Alignment

- Improved Draw Control
- Reduced Wrinkles and Baggy Edges
- Improved Dewatering
- Reduced Bearing & Coupling Wear
- Improved Sheet Formation
- Increased Trim Width
- Increased Production Efficiency
- Reduced Vibration
- **FAST ROI**

Alignment Inspections. Misalignment can be responsible for many problems in paper machines. Detailed diagnostic inspections can identify problems within the following areas:

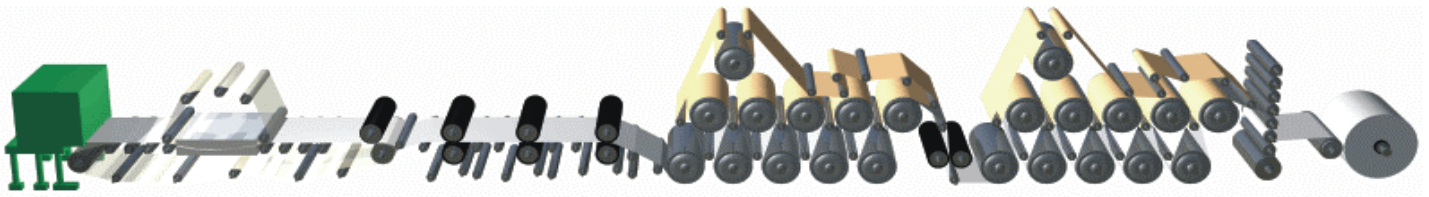
- **Headbox** - Improper jet impingement, streaking and sheet profile issues
- **Forming Zone Elements** - Poor flocculation, premature foil wear, wire tracking issues and uneven dewatering
- **Press Nips** - Poor dewatering and caliper, streaking and barring
- **Felt and Wire Rolls** - Premature roll cover and fabric wear, poor fabric tracking, excessive vibration and increased energy usage
- **Web Carrying Rolls** - Sheet breaks, baggy edges and wrinkles
- **Dryer Cans** - Drying inefficiencies as well as premature gear wear
- **Drives** - Premature gear wear, noise, vibration and shortened coupling life
- **Winders:**
 - > **Drums** - Dishing, thrusting and poor starts
 - > **Slitter Sections** - Interweaving and ragged edges
 - > **Rider Roll and Core Chucks** - Poor starts, breaks, vibration, uneven rolls, starring and tensioning issues

For more information contact us at:

(800) 344-4056

Email us at sales@oasisalignment.com or visit our website at www.oasisalignment.com

With offices located across North America, OASIS can be there where you need us, when you need us—on call 24 hours a day, 365 days a year.



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 installs.

- Optical Alignment
- Mechanical Adjustments
- Preventative Maintenance
- Project Management
- Component 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. We have performed more than 20,000 successful alignment projects since 1982 and have set 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 needs and documenting machine conditions.

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

(800) 344-4056

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