

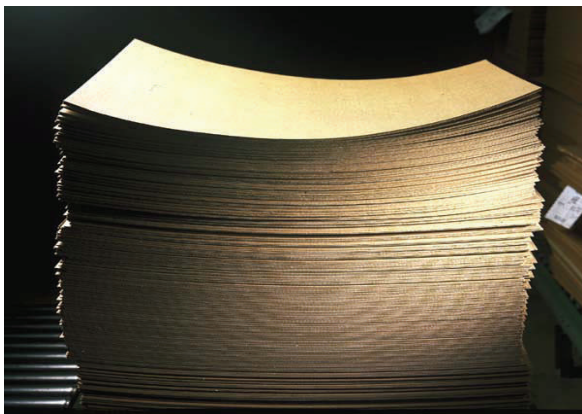
Precision Corrugator Alignment

Centerline Survey and Baseline Verification/Installation. Prior to beginning any alignment or adjustments, or in preparation for component replacements or rebuilds, OASIS teams perform the following steps crucial to establishing and maintaining a properly aligned corrugator:

- Verify or establish a precise overall machine centerline
- Install or verify a permanent offset baseline reference
- Randomly survey the alignment of major components on existing equipment

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

- Twist warp
- Uneven Heat Transfer
- Uneven Bonding
- Defective Corrugations
- Baggy Edges
- Poor Product Tracking
- Premature Equipment & Hardware Failures



Twist warp is one of the common problems resulting from misalignment.



OASIS engineers recording perpendicular readings on a single facer roll.

Corrugator Alignment. The alignment condition of a corrugator line will deteriorate with time. Misalignment decreases operational efficiency, equipment life and causes product problems such as baggy edges and twist warp. A complete inspection and alignment of a corrugator line typically includes aligning the following:

- Double Backer
- Glue Station
- Bridge Guide
- Double or Triple Stacked Preheaters
- All Single Facers
- All Splicers
- Roll stands
- All Liner Preheaters

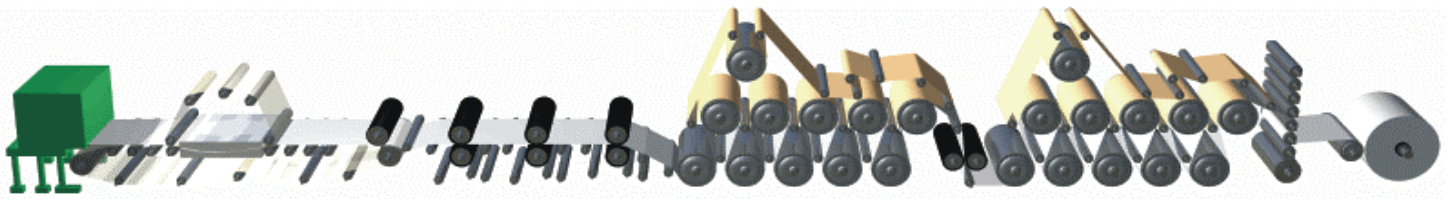
Depending on the length of an outage, basic physical adjustments can be completed on select components during a routine weekend maintenance down. During a longer down, or on multiple weekend downs, OASIS crews are available to handle complete corrugator line realignment using our mobile fleet of tool cribs and machining centers.

For more information contact us at:

(800) 344-4056

sales@oasisalignment.com • 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.



Benefits of Alignment

- Elimination of Twist Warp
- Reduced Corrugation Defects
- Elimination of Baggy Edges & Wrinkles
- Improved Web Tracking & Product Transfer Between Sections
- Extended Bearing & Coupling Life
- Reduced Waste
- Reduced Vibration
- **Fast ROI!**

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



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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