About Falk PLI

Since 1995, Falk PLI has built our reputation as being the leader in dimensional verification of industrial processes. Combining the use of laser tracking and laser scanning technologies with our institutional expertise, we translate complex data and 3D modeling to help our clients drive process improvements, improve equipment reliability, and reduce downtime.

CONTINUOUS PROCESS LINES

Whether you are operating a continuous annealing, coating, or paint line, Falk PLI can help with your preventive maintenance program. By utilizing the most innovative, reliable, and precise measurement practices in the industry, we help our clients improve equipment reliability and reduce downtime. The complex roll systems that are inherent in these processing lines create an interdependency and often contribute to strip tracking issues. We take an integrated and systemic approach to equipment alignment recognizing that the cause may be a combination of several mechanical components.

Measurement capabilities:

- Furnace centerline and passline
- Furnace roll elevations and alignment
- Bridle roll elevations and alignment
- Accumulator carriage, roll elevations, and alignment
- Steering roll alignment
- Welder and shear alignment
- Temper mill alignment
- Leveler/stretcher alignment
- Tension/payoff reel alignment

Results:

- Productivity improvement via hundreds of hours reduction in slowdowns for off tracking and strip breaks.
- Product width expanded—enabling increase in utility of the line and increased product offerings
- Equipment life expanded on the rolls and roll bearings resulting in lower maintenance costs.

<table>
<thead>
<tr>
<th>OPTICS</th>
<th>PARALLELISM</th>
<th>LASER TRACKERS</th>
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<tbody>
<tr>
<td>ACCURACY</td>
<td>.76 mm (0.030&quot;)</td>
<td>.050 mm /m</td>
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<td>BASIS OF ALIGNMENT</td>
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<td>ROLL PROFILE</td>
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