The **FACTS** Total Calender Control (TCC) is designed specifically for optimized calender gauge control.

**FACTS** can coordinate and control the complete calender line.

### Full Line Control

<table>
<thead>
<tr>
<th>Feature</th>
<th>Control Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gauge Control</td>
<td>Temperatures</td>
</tr>
<tr>
<td>Feed Mills</td>
<td>Tensions</td>
</tr>
<tr>
<td>Extruder Systems</td>
<td>Let-offs</td>
</tr>
<tr>
<td>Calender speeds &amp; ratios</td>
<td>Windups</td>
</tr>
<tr>
<td>Line speeds &amp; ratios</td>
<td></td>
</tr>
</tbody>
</table>

### System Highlights & Benefits

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material Savings</td>
<td>Precision Control</td>
</tr>
<tr>
<td>Increased Productivity</td>
<td>Easy to Use</td>
</tr>
<tr>
<td>Reduced Scrap</td>
<td>Low Cost of Ownership</td>
</tr>
<tr>
<td>Reduced Maintenance Costs</td>
<td>Adaptable</td>
</tr>
<tr>
<td>Reduced Labor</td>
<td>Expandable</td>
</tr>
<tr>
<td>Improved Quality</td>
<td>Proven Performance</td>
</tr>
</tbody>
</table>

### Related Products

**Total Information Manager**
- Data collection
- Graphical analysis of historic data
- Configuration editor
- Remote support

**On-Cal 3 Thickness Gauge**
- A non-nuclear, precision gauge for the measurement of calendered materials, such as rubber, vinyl and other non-metallic polymers.

**SME Gauge for Calendered Web Thickness Profile**
- The **FACTS** SME Gauge is THE non-nuclear solution for calendered web thickness measurement. The SME single side scanner provides a rugged, high speed scanning platform and is designed for precise and repeatable performance with an extended life of operation, even in harsh environments.

---

**FACTS, Inc.**
2737 Front Street
Cuyahoga Falls, Ohio 44221
T: (330) 928 2332
F: (330) 928 3018
www.facts-inc.com

---

**FACTS, Inc.**
Measure .. Control .. Inform
Doc . 1534-00
Total Calendar Line Control

Only FACTS integrates both control and management of your manufacturing process, equipment and job histories to provide you optimum production efficiency.

The FACTS TCC 150-17 is a cost effective solution for small calendar control applications. The FACTS TCC 150-17 is designed specifically for optimized calendar gauge control thru the use of “On-Calendar” fixed gauges and/or post calendar sheet scanners. The FACTS "On-Calendar" sensors enable the TCC 150-17 to provide precise machine direction and cross direction control of the calendar process.

The system incorporates a high-resolution 19" LCD flat panel color touchscreen for operator command input plus data and graphics display. The TCC 150-17 is operator-configurable, requires no computer skills and comes as a completely configured software system for your specific line.

On-Calendar Gauge Advantages

- Short Transport Lag
- Continuous Measurement of Product in All Measurement Zones
- High Accuracy
- Stable Low Drift Design

Additional Control Features

- Real Time Trend Plotting
- Product Recipe System
- Security Code System
- Cascade/Strategy Loop Control (configurable)
- PID Loop Control (configurable)
- Transaction & Alarm Logging (with optional 3001 Host)

On-Calendar Gauge Advantages

- Post calendar true thickness measurement
- Non-nuclear based measurement
- Excellent choice when on-calendar measurement is not practical
- Cost effective and easy to maintain

Options & Other Products

- Statistically Optimized Target Control
- Actuator Upgrades
- Width Measurement
- Servo Trim Knives
- Roll Surface Temperature Control
- Total Line Control
- Low Profile Traversing Bubble Piercer
- Vision Based Cord Spacing Measurement
- Balance Measurement

FACTS, Inc. is the leader in calendar gauge control, as well as overall process line control solutions. FACTS has provided systems worldwide to world class manufacturers in the tire and rubber, conveyor belting, power transmission, and hose industries.

FACTS, Inc. routinely provides new and existing process lines with complete electronic control systems and integrated HMI. Controls provided include, but are not limited to: temperature, speed and pressure control; sequence control; drive and heater systems; profile measurement and control.

FACTS, Inc. offers you experience at your fingertips with 24/7 support via Internet or modem.

FACTS, Inc. provides the tools to control your bottom line. Contact us today.