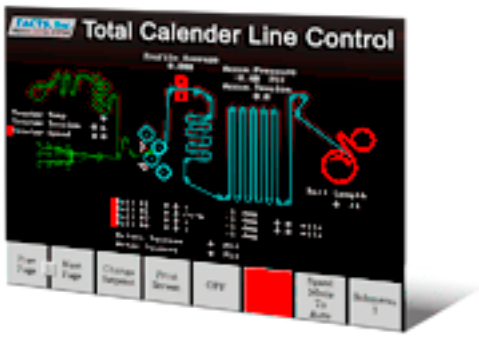
FACTS, Inc.
PROCESS CONTROL SYSTEMS
Measure .. Control .. Inform

TCC 150-17
Total Calender Control Systems

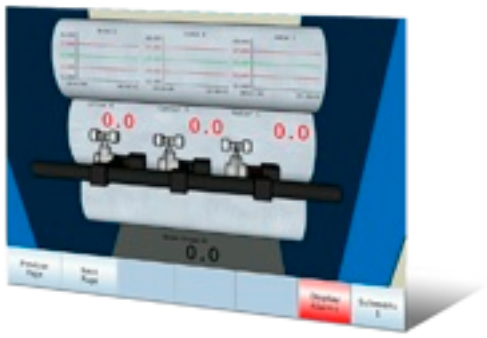
The ***FACTS*** Total Calender Control (TCC) is designed specifically for optimized calender gauge control.

FACTS can coordinate and control the complete calender line.



Full Line Control

- Gauge Control
- Feed Mills
- Extruder Systems
- Calender speeds & ratios
- Line speeds & ratios
- Temperatures
- Tensions
- Let-offs
- Windups



System Highlights & Benefits

- Precision Control
- Easy to Use
- Low Cost of Ownership
- Adaptable
- Expandable
- Proven Performance
- Material Savings
- Increased Productivity
- Reduced Scrap
- Reduced Maintenance Costs
- Reduced Labor
- Improved Quality

System Capabilities

- Electric Screw Actuators
- Roll Bending/Straightening
- Hydraulic Cushion
- Speed Compensation
- Motorized Valves
- Roll Temperature Control
- Extruder Speed & Temperature
- Hydraulic Actuators
- Cross-Axis
- Servo Position Control
- Roll Prepositioning
- Servo Position Control
- Mill Knife Position
- Speed & Tension Control

Related Products

Total Information Manager Host System

- 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.

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TCC 150-17
Total Calender Control System

Total Calender 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 calender control applications. The ***FACTS*** **TCC 150-17** is designed specifically for optimized calender gauge control thru the use of "On-Calender" fixed gauges and/or post calender sheet scanners. The ***FACTS*** "On-Calender" sensors enable the **TCC 150-17** to provide precise machine direction and cross direction control of the calender 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.

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)

Options & Other Products

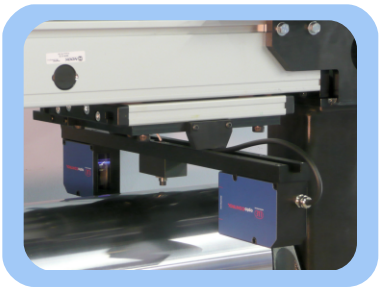
- Statistically Optimized Target Control
- Actuator Upgrades
- Width Measurement
- Servo Trim Knifes
- Roll Surface Temperature Control
- Total Line Control
- Low Profile Traversing Bubble Piercer
- Vision Based Cord Spacing Measurement
- Balance Measurement

On-Calender Gauge Advantages

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

Scanning SME Gauge Advantages

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



FACTS**, Inc.** is the leader in calender 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.

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