The FACTS Total Profile Control (TPC) system provides machine direction and cross direction measurement and control for sheet and film processes.

The TPC system can be supplied with a complete new scanning measurement frame or it can interface to existing scanning systems using the FACTS Universal Scanner Interface.

System Highlights

- Ease of Use:
  - High resolution color touch screen display
  - Menu driven operator screens
  - Full profile displays
  - Product code support for flat & non-flat profiles
- Flexible and open:
  - Interface to both "smart" and "dumb" scanning frames
  - Interface to fixed point gauges
  - Various measurement technologies including:
    - Nuclear
    - X-ray
    - Laser & Eddy Current
    - Spectral Coherent Interferometry
- Control functions:
  - Machine direction thickness or weight
  - Cross direction Auto Profile Control
  - Auto Die Bolt mapping

Sample Applications

- Plastic sheet and film (cast & blown)
- Coating lines
- Asphalt shingle roofing lines
- Calendering (rubber & plastics)
- Saturators
- Carpet lines

Benefits & Payback

- Operator-configurable
- Increased productivity
- Requires no computer skills
- Reduced scrap
- Completely configured software system for your specific line
- Quality improvement
- Reduced downtime
- Material savings
- Reduced labor

FACTS Capabilities

FACTS is a complete provider of turn key automation systems for continuous processes. Our capabilities include Total Line Control, heater and drive panels, data collection, analysis & reporting tools, profile control systems, new scanning systems and scanner retrofits.
The FACTS USI was specifically developed to interface to a wide variety of vendor and sensor technologies, thus enabling the use of a standardized system. This provides a full featured state-of-the-art system that is easy to maintain and support. Since the frame and source are retained, installation time and cost are greatly reduced. Source disposal costs are also deferred and thus minimized.

FACTS Inc. is the leader in process control technology for the polymer market. In fact, we wrote the book on extrusion control—literally. For the Society of Plastics Engineers, FACTS penned the chapter on Extrusion Control in the “Guide on Extrusion Technology & Troubleshooting.”

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.