The **FACTS** Total Compounding Control System (TCCS) integrates the entire compounding process into a central control system.

### Complete Line Integration

**Vacuum Loaders**
- Automatic control of the resin loading system.

**Gravimetric Feed Systems**
- Complete recipe based setup of ingredient ratios.
- Control of feed rates. Ingredient totalizers.

**Extruder - Side Extruder**
- Control of all temperatures and RPM. Thrust bearing monitored.
- Control of cutter RPM, Water Pump, Water Temperature, Fill Level. Cutter In-Position interlocks.

**Underwater Pelletizer**
- Integrated Classifier control and Gaylord Weight Scale.

---

**FACTS, Inc.**
2737 Front Street
Cuyahoga Falls, Ohio 44221
T: (330) 928 2332
[www.facts-inc.com](http://www.facts-inc.com)
TCCS System Features

- Fully Automatic Sequential Line Start and Stop
- Specific Energy Calculation
- Cold Start Protection
- Trend Charts
- Alarm System:
  Control Tolerances
  Absolute Limits
  Active and Historical Alarms
- Configurable User Security Access System
- Product Code -- Recipe System
- Built-In Diagnostic Displays
- PID Loop Tuning "On-The-Fly"
- Touch Screen Operator Interface
- Auto-Calibration of Analog Input Scale & Offset Factors
- Ratio Speed Coordination of Machine RPM's

Hardware

- 17" Touch Screen Operator Interface Display
- Additional Touch Screens are Available Options
- Industrial Packaging
- Specializing in Allen Bradley or B&R Automation I/O. Other vendors upon request.

Options

- Total Information Manager:
  Data Collection
  Event Logging
  Auto Back-up of TCCS Each Night
  Remote Access
- Bar Code Readers
- Bar Code Tag Printers
- SQL Database Interface
- Production Reports
- WIP Tracking

**FACTS** systems are in use around the globe in 14 countries (and counting) in a wide variety of measurement and control applications. With over 25 years of business experience, **FACTS** knows the industry, the process and the equipment.

**FACTS** is a unique company with diverse capabilities and the flexibility to respond to your needs. Whether you need a simple drive replacement, a complete extrusion line or something in-between, **FACTS** can help.

**Measure your Product....Control the Process... Report the Results**