

The **FACTS** Total Mixer Control (TMC) System integrates and centralizes control of the entire mixing and compounding process.

Experienced in Rubber & Plastics  
Batch Mixing Including:

Tangential Machines; Intermesh Machines; and Tilt Mixers



## Related Products

### Total Information Manager Host System

Data Collection  
Graphical analysis of historical batch data including batch trending and batch overlays  
Recipe Editor  
Configuration Editor  
Remote Support

### Weigh Belt/Scale System

Operator prompted weigh belt and weigh scale interface for minor ingredients, oils, fillers & polymers

## System Features

- Job scheduling
- Recipe management
- Automatic feed system control
- Mix step control
  - Time
  - Temperature
  - Energy
- Historical batch analysis
- Menu driven touch screen
- Security system
- Operator log in
- Alarm identification
- Trend plotting
- Mix step display
- Manual controls

## Full Process Integration

Control/monitoring of:

- Material handling systems
- Oil ingredient weights
- Bulk compound weigh systems
- Minor compound weigh systems
- Manual & automatic ingredient load
- Mixer speed and temperature
- Extruders
- Pelletizers
- Drop mills
- Batch offs
- Wig wags

# TMC 6001

## TOTAL MIXER CONTROL SYSTEM

### System Highlights

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

#### *Operator Ease of Use*

|                      |                       |
|----------------------|-----------------------|
| Menu driven          | Batch trend display   |
| Highlighted mix step | Multiple batch trends |
| Alarm presentation   | Control screens       |
| Touchscreen controls | Manual backup         |

#### *Single Product Code Setup for:*

|                      |                    |
|----------------------|--------------------|
| Step operations      |                    |
| Auxiliary systems    |                    |
| Mixer control points | Batchoffs          |
| Feeder subsystems    | Downstream systems |

#### *Specialized Monitoring and Control for:*

|                      |                     |
|----------------------|---------------------|
| Mixer recipes        | Auxiliary equipment |
| Mixer control points | Batchoffs           |
| Feeder subsystems    | Downstream systems  |

#### *Specialized Displays for:*

|                   |                |
|-------------------|----------------|
| Production        | Management     |
| Quality Assurance | Engineering    |
| Maintenance       | Multi-Language |

### FACTS Capabilities

**FACTS** is a complete provider of turn key automation systems for batch processes. Our capabilities include Total Process Control, replacement electrical & drive enclosures, complete material weigh systems, data collection, analysis & reporting tools.



### Benefits and Payback

#### Quality Benefits

- Consistent Operation
- Continually Improve Line, not just run it
- Closed Loop Control

#### Decrease

- Operator Requirements with a simple interface
- Maintenance Questions
- Scrap by staying on Spec
- Downtime by eliminating obsolete parts

#### Increase

- Speed of process
- Productivity
- Quality
- Customer Satisfaction

#### Start Up/Setup

- Fast
- Consistent Parameters
- Whole Line Coordinated Start-up

**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.

