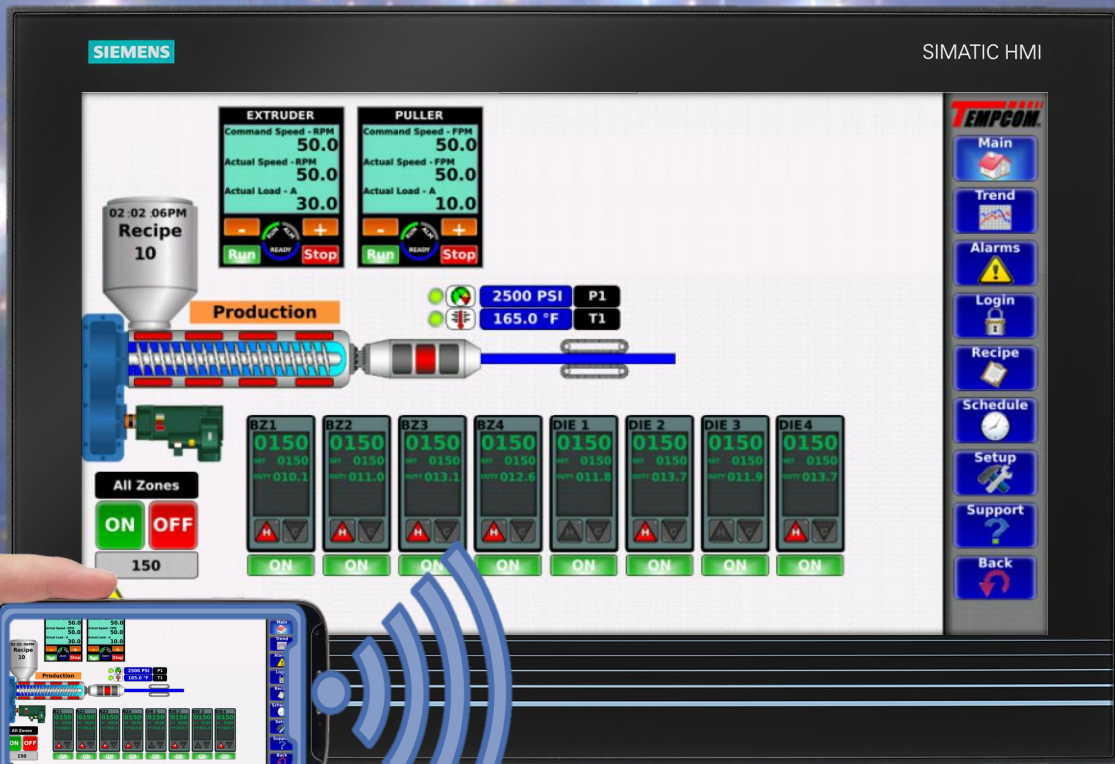*Giving new life to your older extrusion line*

GENESIS ®

GIVE YOUR OLD EXTRUDER SOMETHING NEW

Wi-Fi Option

TRENDING

DIAGNOSTICS

DATA COLLECTION

COORDINATED CONTROL
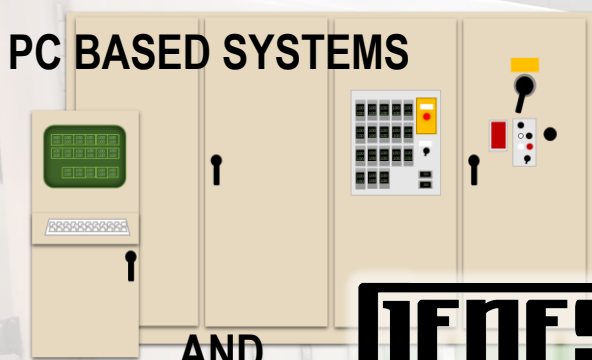
RECIPES AND SCHEDULING

GENESIS

TECHNICAL DATA

®

Creating break-through products that open the door to better manufacturing
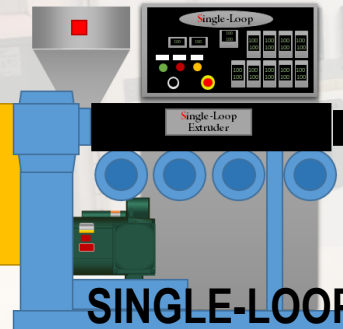
The GENESIS system is designed to directly replace the failing PC based systems, like those from Welex, Milacron and NRM systems, in addition to giving new functionality to other single-loop extruders. The design is flexible enough to address the complexity of a three-layer Cast Film line yet its easy enough to operate that a user of a basic mono extruder line can be successful. The timing for the release of this product is crucial as many of these systems are already long obsolete in their product availability and sometimes support, but this is now intensified with the obsolescence of component level sourcing for Eurotherm. Users of the 2216e, 2208e, 2204e, 2416, 2408, 2404 loop controls will soon find these devices unavailable and requiring upgrades. Coordinated systems with PC's will be more problematic in this transition as communications are crucial to operation. It is for this reason that ICT has created the GENESIS system, giving new life to your older extrusion line!
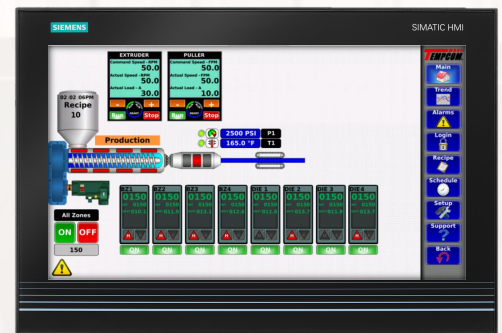
PC BASED SYSTEMS

AND

GENESIS

®

SINGLE-LOOP SYSTEMS

3 YEAR WARRANTY

STANDARD CONTROL FEATURES

Color Graphics
- Heating/Cooling
- Over/Under Temp

Self Diagnostic

Production Monitoring Status
- Idle
- Production
- Scrap
- Maintenance
- Faulted

Protective Features
- Cold Zone Start Inhibit
- Open Heater
- Broken Probe
- Shorted Solid-State Relay

Recipe Storage
- Custom Names
- Soak Routine

Scheduling Feature
- Schedule Pre-Heat
- Schedule Shutdown
- Schedule Recipes or Soak

Data Collection to .csv

SYSTEM CAPABILITIES

- Controls PC Based or Single-Loop Systems
- Easy-to-Use Color Graphic Interface
- Control/Monitor Temperatures (Type J Thermocouples)
- Monitor Pressures (mV)
- Control Drives (Run/Start/Stop/Speed)
- Motor Control for Blowers and Starters
- Coordinates the Eurotherm P108 Loop Controller
    - Eliminate Overshoot
    - High visibility three color LED display

Integrated Control Technologies

https://www.integratedcontroltech.com/genesis.html