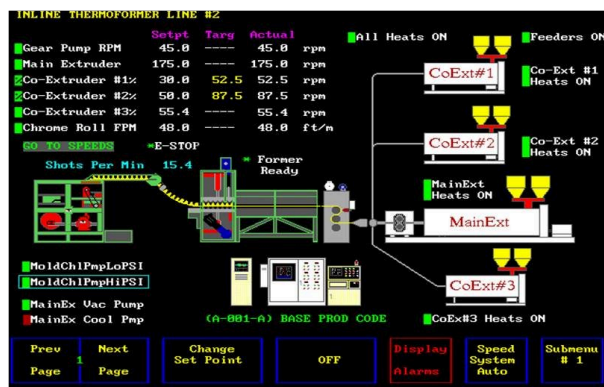


In-Line and Roll Fed Thermoformers For New or Retrofit Applications



Overview

The **FACTS** Total Thermoformer Control (TTC) solution controls the entire extrusion line and in-line thermoforming machine. From the feed system, co-extruders, main extruder, melt pump, roll stand, to the Thermoformer we control the entire process. Our solution regulates temperatures, speeds, pressures, heating, cooling, position, feed system, and performs all the line sequential logic and algorithms for the entire process. Including our SME Gauge to measure material thickness improves thermoforming quality and consistency. A touch screen HMI gives the operator control of the process.

Benefits and Savings

- Same part, Every time
 - Increase your part to part accuracy and quality with smart oven controls
 - Reduce scrap from out of tolerance product
- No Obsolescence
- Energy Conservation
 - Lower energy costs
 - Increase productivity
 - Shorten oven cycle times

In-Line Thermoformers

The In-Line Thermoforming systems (TTC) controls the indexer, loading suction cups, rotary index, oven or reheat tunnel heaters and cooling blower, platen positioning, vacuum pump, pressure, and valves, air pressure, eject valves, platen open close, and platen up down controls. The trim press and unload systems are typically stand alone systems. **FACTS** has experience with vacuum and pressure thermoforming processes. Our systems produce part consistency and high quality. The value of our solution can be seen in the product quality, consistency, faster startup times between products, recipe control, reduced material scrap, and the improved efficiency of the line.

Roll Fed Thermoformers

The **FACTS** TTC can be applied to Roll Fed Thermoformers to improve your quality, increase productivity, and manufacture consistent product.

Host

Our Host will collect line data and send it to higher level computer systems for archiving and analysis. Our system will reduce scrap, improve quality, reduce energy consumption, and control oven temperature zones better.

THE SOLUTION FOR TOTAL THERMOFORMER CONTROL

Enterprise Information Systems

