



FARREL POMINI
continuous compounding systems



PROCESS LABORATORIES

FARREL POMINI

continuous compounding systems

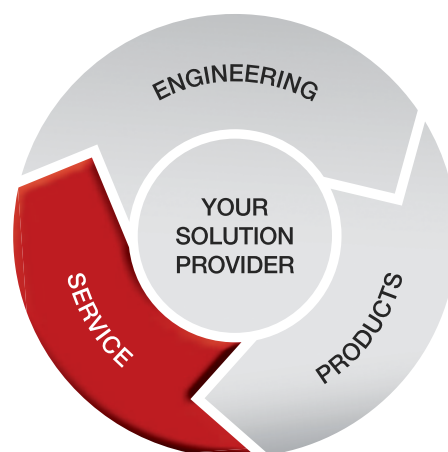
The FARREL POMINI Customer Demonstration Laboratories are located in Ansonia, Connecticut USA and Rochdale, United Kingdom. The laboratories are designed to meet customer demonstration and testing requirements and both contain a CP550 with underwater pelletizing and stranding capabilities.

Both facilities have a variety of feeders with various elements to accurately convey pellets, powders, liquids and blends to the mixer at production scale rates. The latest design, Synergy™ Control System and data logging are integrated with the laboratory testing procedures for both locations.

In both facilities, customers can evaluate FARREL POMINI processing technology or their own compounds on a real world processing line. Customers will know what can be guaranteed, learn operations techniques from the Process Experts and make capital investment decisions with confidence.

The CP Series II™ Compact Processor CP550 is a production size processor that accurately and routinely scales up machine conditions and product quality to larger FARREL POMINI production machines. The CP550 installed in each laboratory has several added features for evaluating various rotor configurations, geometry and L/D ratios. The CPXL chamber and rotors allow the demonstration of LCM technology in the latest CPXL format.

In addition to being a customer demonstration facility, the USA location is the Research and Development Center for FARREL POMINI. It contains a CPeX® for small lot testing and a 4 FCM™ Continuous Mixer that can be configured to meet the most demanding processing requirements. In addition, it contains a Size 4 Side Discharge Continuous Mixer (SDFCM). All of this equipment is available for specific research and development studies.



FARREL POMINI Customer Demonstration Facilities Equipment Available (UK & USA)

CP550 Compact Processor

Mixer

Power: Enhanced Power
 Rotor Styles: #7, #15 & CPXL
 Adjustable Dam Assemblies
 Vent Plunger Assemblies
 Liquid Injection Capabilities

Extruder

Power: 56 kW / 75 hp
 Screw Speed: 0 - 100 RPM
 Barrel L/D: 11:1 & 18:1
 Pneumatic Pusher
 Electric Heating / Air and Water Cooling on Barrel

Feed System

Integrated Loss-In-Weight Feeders
 Sack Master Automated Super Sack Unloader*
 Bag Dump Station*
 Automated Pellet Resin Loader*
 Comet Pellet Dryer*
 *USA facility only.

Downstream Configurations

Gala MAP6 Underwater Pelletizing System
 Strand Pelletizing with Water Bath
 Dry Face Pelletizer (DFP)

Ancillary Equipment

Cooling Equipment
 Pellet Processing

FARREL POMINI Customer Demonstration / Research & Development Facility (USA) Equipment Available

4 FCM™ / SDFCM with Gear Pump

Power: 112 kW / 150 hp
 Speed: 0 - 500 RPM
 Segmented rotors for specific applications

Gear Pump (SDFCM)

Power: 15 kW / 20 hp
 Speed: 0 - 65 RPM
 Oil heating for mixer and gear pump

Downstream Configuration

Gala MAP6 Pelletizer with divert valve
 Multiple Die Plates

CPeX®

Capacity: 10 – 30 Kg/hour
 Formats: CP, CPXL

Common Analytical Equipment Includes: melt indexer, moisture analyzer, ash testing, high temperature furnace, oven with vacuum pump, microscope, Farrel Two-Roll Mill, filter pressure test extruder, blown film attachment, cast film die, press-out tester



USA Customer Demonstration / Research & Development Facility

www.farrel-pomini.com

