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- Located in Leominster, MA (pronounced Lemon-ster)
 - Established in 2019 by a group of diverse industry leading professionals with over a 100 years of combined plastics experience
 - 10,000 sq ft production floor

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- 4 fully equipped twin screw extrusion Lines
- Experienced production and technical staff
- No minimum run size
- Fast lead time
- Customer application driven with the ability to process a wide range of Thermoplastic resin
 - Engineering Grades
 - Commodity Grades
 - Low and High Temperature applications



Services

- Toll Processing
 - Customer supplied ingredients processed to precision specifications
- Custom Compounding
 - Peak has a technical staff dedicated to formulating compounds to the fit the customers needs.
- Drying
 - Peak can pre and post dry materials as needed
- Blending
 - Various methods of pre and post blending including ribbon
- White Room
 - Controlled environment for production (Q2, 2020)
- Pulverizing*

*Partner Facility

Certifications

ISO 13485 and 9001:2015

(Medical)

(Industrial)

By end of Q1, 2020 for certification

Statement from President-Todd Marchand

“Peak Performance Compounding, Inc believes in treating customers with integrity and best in class service; prioritized with reasonable lead times and uncompromised quality. We view our relationship with our customers as a partnership; our partners know that we care about their products and business as if it was our own.”

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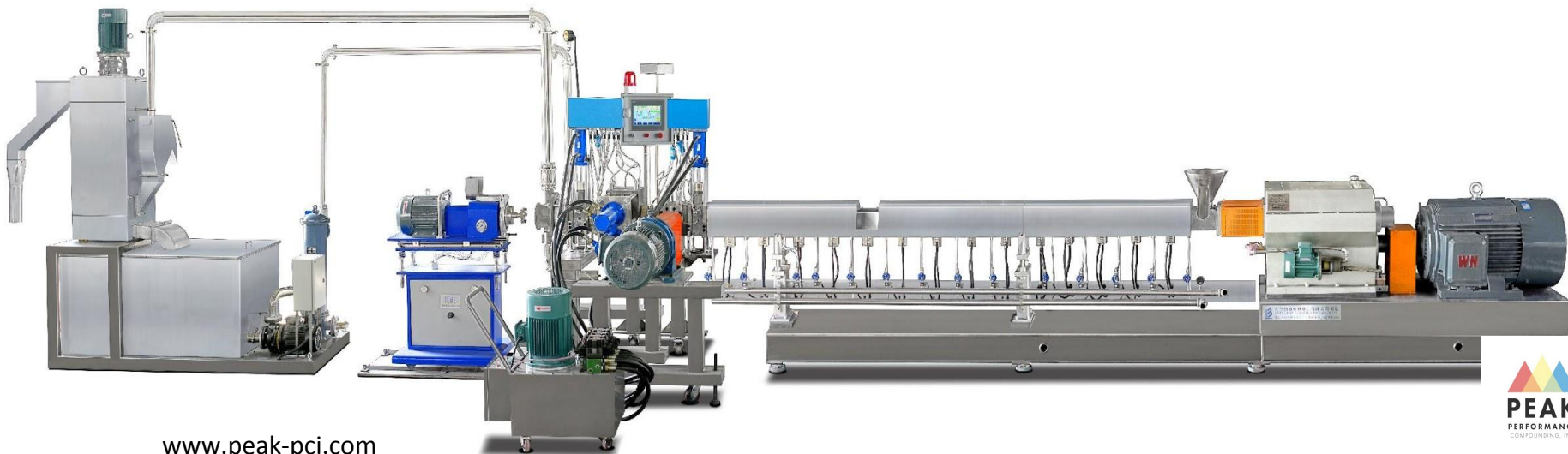


Lab Capabilities

- Peak has an in house and partner laboratory with trained technicians.
 - Testing and verification of incoming raw materials
 - Conformance testing of all products throughout production process
 - Post production verification of finished goods
 - Melt flow analysis
 - Izod and impact testing
 - Filler content analysis
 - Moisture content analysis
 - Flex and Tensile analysis
 - Color spectrophotometer
 - Density testing
 - Lab Vacuum Oven
 - XRF-heavy metal analysis
 - High Resolution Digital Microscope- Dispersion Measurement
 - Regulatory testing and Compliance Documentation

Peak Production Lines

- 75MM Twin Screw Extruder
- 52MM Twin Screw Extruder
- 35MM Twin Screw Extruder
- 22MM Twin Screw Extruder



75MM Co-rotating Twin Screw Extruder

- 52:1 L/D Consisting of 13 Barrels
- Underwater Pelletization
 - Small hole and large hole dies available
 - Centrifugal Dryer for whipping surface moisture off pellets down to 0.05% moisture
 - Has Diverter Valve for continuous operation
- 1 Main Feeder with High Precision Gravimetric Mettler-Toledo scale sensor
 - Equipped with 5,000lb capacity continuous mixing blender
 - Feeder has anti-bridging mixer available
- 2 Sidefeeders with High Precision Gravimetric Mettler-Toledo scale sensor
 - located above two variable speed controlled sidestuffers at Barrel 5 and 8
 - Sidefeeding can be relocated to any barrel based on custom processing needs
 - Feeders have anti-bridging mixer and continuous top mixer available
- 1 Freestanding with High Precision Gravimetric Mettler-Toledo scale sensor
 - Can be located at main feed or side feeding locations
 - Feeder has anti-bridging mixer and continuous top mixer available
- 1 Liquid Feeder available with inlets at Main Feed, barrel 4 and barrel 6
 - Can be relocated to any barrel
 - 1 to 100 lb per hour feeding range with 100L tank
- Vacuum Port located at Barrel 11
 - Can be relocated to any Barrel near the end of the machine
- Hydraulic Screen Changer – Screen packs available down to 25 microns
- Equipped with Classifier for uniform pellet dimensions
- Customer Screw Designs Available
- Can process any type of material up to 660F Melt Temperatures
- Extrusion rates up to 2,000 lbs per hour

52MM Co-rotating Twin Screw Extruder

- 48:1 L/D Consisting of 12 Barrels
- Underwater Pelletization
 - Small hole and large hole dies available
 - Centrifugal Dryer for whipping surface moisture off pellets down to 0.05% moisture
 - Has Diverter Valve for continuous operation
 - Melt Pump Available for low viscosity / high flow materials
- Strand Pelletization
 - available with Water Bath, Air Knife, and Strand Pelletizer
 - Current equipped with standard hole sized die
- 1 Main Feeder with High Precision Gravimetric Mettler-Toledo scale sensor
 - Equipped with 5,000lb capacity continuous mixing blender
 - Feeder has anti-bridging mixer available
- 2 Sidefeeders with High Precision Gravimetric Mettler-Toledo scale sensor
 - located above two variable speed controlled sidestuffers at Barrel 5 and 8
 - Sidefeeding can be relocated to any barrel based on custom processing needs
 - Feeders have anti-bridging mixer and continuous top mixer available
- 1 Freestanding Feeder with High Precision Gravimetric Mettler-Toledo scale sensor
 - Can be located at main feed or side feeding locations
 - Feeder has anti-bridging mixer and continuous top mixer available
- 1 Liquid Feeder available with inlets at Main Feed, barrel 4 and barrel 6
 - Can be relocated to any barrel
 - 1 to 100 lb per hour feeding range with 100L tank
- Vacuum Port located at Barrel 11
 - Can be relocated to any Barrel near the end of the machine
- Hydraulic Screen Changer – Screen packs available down to 25 microns
- Equipped with Classifier for uniform pellet dimensions
- Customer Screw Designs Available
- Can process any type of material up to 660F Melt Temperatures
- Extrusion rates up to 1,000 lbs per hour

35MM Co-rotating Twin Screw Extruder

- 44:1 L/D consisting of 11 Barrels
- Underwater Pelletization
 - Small hole and large hole dies available
 - Centrifugal Dryer for whipping surface moisture off pellets down to 0.05% moisture
 - Has Diverter Valve for continuous operation
- Strand Pelletization
 - available with Water Bath, Air Knife, and Strand Pelletizer
 - Big hole and small hole dies available
- 1 Main Feeder with High Precision Gravimetric Mettler-Toledo scale sensor
 - Feeder has anti-bridging mixer and continuous top mixer available
- 2 Sidefeeders with Gravimetric Mettler-Toledo scale sensor
 - located above two variable speed controlled sidestuffers at Barrel 5 and 8
 - Sidefeeding can be relocated to any barrel based on custom processing needs
 - Feeders having anti-bridging mixer and continuous top mixer
- 1 Freestanding Gravimetric Feeder with Gravimetric Mettler-Toledo scale sensor
 - Can be located at main feed or side feeding locations
 - Feeder has anti-bridging mixer and continuous top mixer
- 1 Liquid Gravimetric Feeder available with inlets at Main Feed, barrel 4 and barrel 6
 - Can be relocated to any barrel
 - 1 to 100 lb per hour feeding range with 100L tank
- Vacuum Port located at Barrel 9
 - Can be relocated to any Barrel near the end of the machine
- Hydraulic Screen Changer – Screen packs available down to 25 microns
- Customer Screw Designs Available
- Can process any type of material up to 750F Melt Temperatures
- Extrusion rates up to 400 lbs per hour

22MM Co-rotating Twin Screw Extruder

- 38.5 L/D consisting of 7 Barrels
- Strand Pelletization
 - available with Water Bath, Air Knife, and Strand Pelletizer
 - Big Hole and Small Hole Dies available
- 1 Main Feeder
 - Feeder has anti-bridging mixer and continuous top mixer available
- 1 Liquid Gravimetric Feeder available with inlets currently at Main Feed
 - Can be relocated to any barrel
 - 1 to 100 lb per hour feeding range with 100L tank
- Vacuum Port located at Barrel 6
- Manual Screen Changer – Screens available down to 25 microns
- Customer Screw Designs Available
- Can process any type of material up to 750F Melt Temperatures
- Extrusion rates up to 50 lbs per hour

Mixing Equipment

- Drum Tumbler
 - Dual 55-gallon Drum Tumbler
 - Medium Stainless-Steel Ribbon Blender
 - ~2,500 lb Mixing Capacity
 - Liquid/Oil Sprinkler Feeding Capability
 - Equipped with Large Bulk Box Tipper
 - Medium Stainless-Steel Ribbon Blender
 - ~3,000 lb Mixing Capacity
 - Liquid/Oil Sprinkler Feeding Capability
 - Not Installed yet
 - Large Stainless-Steel Ribbon Blender
 - ~8,000 lb Mixing Capacity
 - Liquid/Oil Sprinkler Feeding Capability
 - Not Installed yet
- 3 Vertical Blenders
 - ~4,000 lb Mixing Capacity
 - Augar Type Mixer
 - High Intensity Mixer
 - Henschel Type Mixer with mixing blades
 - High RPM, High shear
 - Being Ordered

Drying Equipment

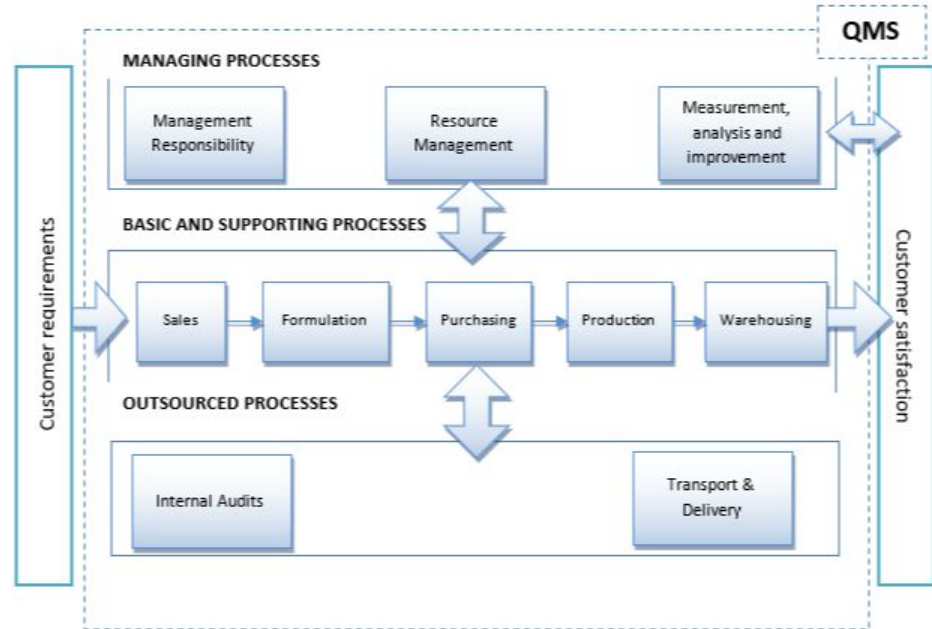
- Motan Desiccant Drying System
 - 1750 CFM
 - Can dry 1,750 lbs per hour down to 0.05% moisture.
 - 3,500 lb Capacity Hopper
 - 1,200 lb Capacity Hopper
 - 800 lb Capacity Hopper
 - 400 lb Capacity Hopper
- Dri-Air Portable Desiccant Dryer
 - 150 lb Capacity
- Lab Vacuum Oven
 - ~40 lb Capacity
- Extruders Equipped to remove surface moisture
 - Strand lines have Air Knives
 - Underwater lines have centrifugal dryers

Looking forward to 2020 (Outlook)

- Continue to grow volume in sales to utilize our increased production capacity
- Additional lab equipment
- Additional space
- Additional staff
- ISO 13485 medical certification (Q1, 2020)

Quality Management System Overview

- Peak is a quality company. Quality is the basic business principle for us. Quality means providing our external and internal customers with quality products that fully satisfy their requirements.
- Peak is committed to establishing, maintaining, and continual improvement of effectiveness of the Quality Management System which is compliant with ISO 13485:2016 and 9001:2015.



Mission Statement

Our mission is to improve continually our products and services to meet our customers' needs, allowing us to become a leader in the thermoplastic compounding industry.

Thank You!

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