



B&P offers a wide range of twin-screw compounding extruders for mixing applications in the plastics industry. For over 60 years, we've been providing mixing solutions to industry that continually advance the state-of-the-art in technology for better finished product quality, higher throughput, and easier operation.

### **BP-Series Twin-Screw**

The flagship product of our continuous mixing line holds approximately half of the market share in thermoset compounding across the globe. High free-volume, looser clearances and 40% more intake capacity make the BP series twin-screw an ideal choice for processing of fiber-reinforced and highly-filled compounds.

The BP-Series is a co-rotating and intermeshing twin-screw which can be offered with a clamshell barrel for ease of maintenance and cleaning or in a solid-segmented barrel configuration for maximum versatility.

BP-Series machines are available in 19, 30, 40, 50, 65, 80, 100, 125, and 160mm standard sizes, as well as custom sizes up to 875mm. Various materials of construction are available for the specific application.

### **Features**

- Wide range of styles and configurations to suit almost any processing challenge
- Rugged construction for a long operating life with minimal maintenance
- Designed for easy access to speed changeovers
- Best-in-class components and materials
- Dedicated field service team
- Powerful engineering resources can help configure machine to your needs
- Proven in installations worldwide

### **Applications**

- Color or carbon black masterbatches
- Pharmaceuticals
- Powder coatings
- Hot melt adhesives
- Silicone compounds
- Devolitzation and solvent recovery
- Reactive extrusion
- Natural fiber and glass-reinforced compounds
- Bioplastics processing
- Energetics and explosives

### **CT-Series Twin-Screw**

The CT-Series co-rotating and intermeshing twin-screw is a rugged-duty compounder with a traditional geometry that imparts a heavy amount of mechanical energy into the formula to produce a homogenous melt. Perfect for those difficult-to mix compounds that are able to withstand a high degree of shear.

CT-Series machines are available in 25, 40, 58, 70, 92, and 133mm standard sizes, as well as custom sizes up to 450mm.

B&P systems are at-work in some of the world's most challenging mixing applications. Our extruders can be configured with a wide range of wear- and corrosion- resistant materials and coatings to ensure a long, reliable life with optimum finished product quality.

B&P Process Equipment traces its heritage to the 1889 founding of Baker Perkins – a leader in batch mixers and other specialized industrial equipment. In 1937, Baker Perkins began production of pusher centrifuges for separation of coarse solids from free-draining crystalline slurries. This design was quickly recognized by the industry as the optimal configuration for efficiency and a long operating life.

Since those early days, B&P has continued to add to its line of batch and continuous mixing systems, as well as separation systems in a wide range of configurations. In 1996, B&P Process Equipment was created from Baker Perkins and the APV Chemical division.

