

- Innovation
- Complete Compounding Lines
- Mixers, Extruders
- Immediate Parts Availability
- Continuous Mixer Parts in Stock
- Contract Manufacturing
- Turnkey Systems & Controls
- 24/7 Service & Support
- Emergency Service

## THE COMPANY

Technical Process and Engineering Inc. (TPEI) is a major manufacturer of compounding equipment for the plastics and rubber processing industries. For over 30 years, TPEI has been in the forefront of innovation in the design and manufacture of state-of-the-art compounding equipment.

From compounding lines capable of processing a wide variety of thermal plastics and rubber to complete turnkey systems; including plant layout and design, machine alterations or rebuilds, as well as repairs and fabrication to keep equipment running profitably, TPEI is the trusted single source supplier.

## COMPANY HISTORY

TPEI was founded in 1979 to service compounding equipment. TPEI founder Slate Altenburg had spent 11 years with a major custom compounder where he found OEMs unable to supply parts necessary to keep facilities running and profitable. In order to fill the need, TPEI listened to the heart of the industry, those who had to keep their production lines running, and began providing spare parts for other OEMs equipment. Paying close attention to customer feedback it became apparent that the compounding industry was ready for innovation. TPEI expanded its focus upon bringing to market a continuous mixer incorporating, practical suggestions, the latest technologies, and overcame inherent weaknesses (costly to both OEMs and their customers) in others designs. In 1985, TPEI designed its first line of high output, low maintenance mixers and their continued success has evolved from attention to each application, and each individual customer's need.

Today, TPEI is a domestic manufacturer with a sustained growth each year. It maintains a position in the market; large enough to sustain technical development through a variety of economic climates, and small enough to provide highly valuable individualized customer service. We care about each and every customer.

## COMPANY PHILOSOPHY

Since its inception, TPEI's motto has been "If We Don't Stock It, We'll Build It!" Today, that commitment still rings true. TPEI maintains one of the industry's largest parts inventory for its line of mixers — on the shelf parts ready for immediate shipment. It also stocks most of the high wear parts for other continuous mixers.

If a part is not in stock, TPEI will break into production and manufacture the part for the quickest possible turnaround for our customer. TPEI's goal is to ensure that customers are up and running on a continuous basis with minimal to no down time.

## SERVICE AND SUPPORT

TPEI services and supports what it sells. The company believes that a machine is like a child. When it leaves the nest, it isn't abandoned. TPEI's technical staff is available to help it reach its full potential. When it gets sick, TPEI's field service is available for "house calls" and if necessary the "emergency room" (our well equipped shop) is available 24/7. Should problems occur TPEI has a proven record of design and modification to meet new processes and customer's challenges.

Technical Process &  
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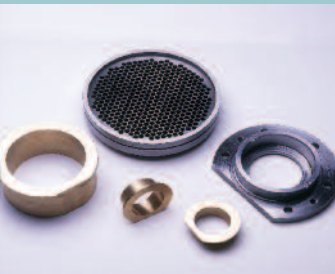
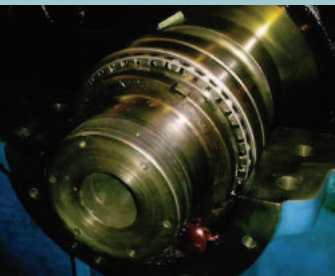
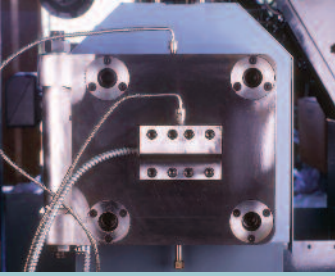
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## SERVICE AND SUPPORT (continued)

TPEI's service also includes sending its engineers to a customer's site to help oversee the installation of parts and/or install them. On new lines, TPEI can design and lay out the entire production facility, if necessary. TPEI also provides 24/7 technical support on mixer maintenance and emergency repairs. Technical support includes working with customers on compounding issues and helping to make sure customers can use the equipment to process a wide range of materials. Emergency repairs can include gearbox rebuilding on many different types of extruder boxes and other items that could put customers' lines down. If the line goes down TPEI can get it back up and running in a quick and timely manner. Examples include changing the thrust housing on an extruder gearbox to accommodate a thrust bearing that is available from stock, and engineering and modifications of parts to solve breakage or to prolong the life of individual parts.

## PRODUCTS

### Compounding Lines

Including: Continuous Mixer, Extruder, Electrical Control Panel, Lubrication System, Water Cooling System, Downstream

Options: screen changer, and/or pelletizing system or die. Compounding rates from 50 lbs/h to 15,000 lbs/h.

### Continuous Mixers

- Free Rotor™ design for economical maintenance and minimal downtime.
- E-mixer™ for hard to feed and fluffy materials.
- Patented sealing arrangement.
- Fully automated grease lubricated and water cooled bearing blocks.

### Cold Feed and Hot Melt Extruders

- Proprietary J-Block™ extruder technology.
- T-orientation of mixer to extruder.

### Replacement Parts/Rebuilds

TPEI manufactures its own line of close tolerance replacement parts for most continuous mixer processing machinery. Parts are available for immediate shipment. Rebuilds of existing equipment are held to the same quality standard as new parts.

### Rotors, Dies and Optional Equipment

TPEI can repair or rebuild worn or broken rotors for a fraction of the replacement cost.

### Turnkey Systems and Controls

TPEI can design fully-integrated processing systems with state-of-the-art control panels to reduce downtime and ensure greater productivity.

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*Whether you need a single part for an existing machine or a complex machine ready for production, you will receive the same high quality service and reliability that we've built our 30-year reputation on.*