



# RUBBER PROCESSING

## EQUIPMENT FOR THE RUBBER INDUSTRY



### COMPLETE LINE OF RUBBER PROCESSING ACCESSORIES

AEC offers many key benefits such as improved quality, improved production and improved control with their line of rubber processing accessories. AEC Temperature Control Systems maintain product uniformity by holding batches in a uniform state to improve quality and consistency. Quickly establishing and maintaining precise, uniform temperature of mixes and ingredients provides faster batch production.

### TYPICAL APPLICATIONS

- Rubber Compounding and Mixing
  - Batch heating control of door, sides and rotors
  - Cooling of mills
  - Calender Rolls
- Rubber Extruders
  - Heating and cooling of screws and barrels and dies
- Rubber Molding: Injection, Compression, Transfer and LIM
  - Heating and cooling of molds
  - Hydraulic Oil Cooling

### MATERIAL HANDLING

AEC Material Handling offers a full range of products that includes dryers, conveying equipment, blenders, dosers, and feeders. Customers can find solutions for all of their material processing needs.

- The BD Series gravimetric batch blender precisely blends up to 6 components and weighs each pellet of material with precision load cell to ensure an accurate blend



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SERVICE



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### Temperature Control Units



AEC offers a full line of temperature control systems to meet your demanding application needs. Each TCU combines precise, automatic temperature control with easy operation for unmatched reliability and performance.

- Heat and cool automatically
- Tempered water units up to 300°F, tempered oil units up to 650°F
- Electric or steam heated
- Multi-zone and custom units



### Cooling Systems

As the industry's leading brand, AEC offers a full range of air and water cooled chillers, including: portable units, central chilling systems, full-size cooling towers and stainless steel pump tanks. The newest line of central chillers incorporates the latest in refrigeration technology - rotational compression.

- Hermetically sealed scroll compressors (RC Series Scroll Chiller) and semi-hermetic screw compressors (RS Series Screw Chiller)
- Energy efficient cooling towers reduce operating costs and resist corrosion

### Granulators and Shredders



AEC granulators are rugged, reliable machines, built to provide trouble-free service. With machines ranging in HP from 2 to 250, AEC supplies the most complete line of size reduction equipment available. AEC shredders utilize low speed, high torque and counter-rotating shafts. You get the benefits of first-stage shredding, energy savings, less mechanical wear, less noise and less manual labor.

- All welded and machined construction provides the most durable machine
- Combines the best performance features of a conventional drop-through and tangential feed chambers
- Maximum productivity with minimal cutting action and less wear



### Bulk Storage and Handling

AEC's line of bulk material handling and storage equipment includes an extensive standard product line, systems development, custom design capabilities, and heavy-duty components. Our products include dumpers, tilters, loaders, batch mixers and bins.

- Available in various capacities and steel, stainless steel, or aluminum construction



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