



Contact Info

Admix, Inc.
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Company Profile

Mixing equipment from Admix is ideal for mixing liquids, solids, powders into liquids, and superior particle size reduction. Admix has 30 years of chemical applications and mixing equipment experience with polymers, resins, polyols, and gels, etc. Our portfolio includes high shear batch mixers, inline mixing and milling machines, low-speed large capacity tank agitators, and powder induction and dispersion systems.

Admix designs and manufactures high-efficiency mixing equipment for the chemical industry with a focus on innovation, value, and quality. Installed at chemical manufacturing plants around the world, our mixers are available with various fittings and motors, and are designed to meet the criteria for Hazardous Environment types such as Class 1 and 2, and Division 1 and 2.

Admix mixers have been used in applications such as emulsions, slurries, dyes, pigments, polymers, polyurethanes, and more. They are ideal for:

- Dispersing gums, metal oxides, and ceramics
- Deagglomerating powders into primary particles
- Eliminating fisheyes when adding hydrocolloids or thickeners
- Producing uniform end products faster than conventional mixers

Additionally, our mixers are used to produce small uniform droplet size in the emulsion and dispersion of ingredients such as:

- Coatings, paints, pigments, and sealants
- Plastics, resins, polyols, and other compounds

- Polymer and polymerization precursors
- Carbopol and other viscosity-modifying ingredients
- Wax, paper sizing, anti-foam, and monomer emulsions
- Ceramics/clay
- Iron/metal oxides
- CMP (chemical mechanical polishing) compounds
- Low-HLB surfactants into aqueous systems
- Capacitors, phosphors for CRTs, and more!

Customized Equipment Solutions

Customized for your application, the diverse Admix portfolio includes high shear in-tank batch mixers, high shear inline mixers/emulsifiers for continuous processing, high intensity wet mills/homogenizers, powder induction and dispersion systems, low shear and low speed agitators and static blenders.

Featured Admix Equipment:

Rotosolver: The Rotosolver high shear batch mixer is ideal if your production line requires high shear and flow, superior wetting out of powders, and an easy-to-clean design. The Rotosolver head design incorporates multiple shear zones providing maximum shear and flow as well as the most efficient ingredient dispersion. Lump-free and



agglomeration-free mixtures can be achieved in just minutes.

Fastfeed: The Fastfeed is a fully integrated, ergonomic powder induction and dispersion system providing controlled feed rates of up to 450 pounds per minute. A combination of high liquid flow and controlled vacuum induction instantly wets out and disperses powders in a single pass without lumps or agglomerates.

Boston Shearmill: This high intensity wet mill and homogenizer provides high to extreme shear rates and tip speeds for maximum droplet and particle size reduction. This system has replaced homogenizers where submicron processing is not necessary. Application dependent, the Boston Shearmill can deliver milling of soft particles to <1 micron or hard particles down to 1-2 microns, often with just a single pass at high production rates.

DynaShear: The DynaShear is an inline dual stage disperser / emulsifier for inline continuous processing or batch processing with recirculation. It will instantly blend, dissolve, deagglomerate, disperse, and emulsify

a wide range of fluids and semi-fluids.

Test Admix Equipment

Processors can try Admix products in a variety of ways. Complimentary formula testing is offered in the Admix pilot lab. Here, your samples are tested on the appropriate mixer, with each application receiving a dedicated engineer and quality-conscious production team. Processors receive complete results along with a process assurance warranty guaranteeing scalability with every mixer.

Another option is the on-site trial program which allows processors to run the equipment at their own facility. With standard agreements, equipment is shipped to your facility for 14 days of unlimited testing on unlimited formulations. In addition, an aggressive **Try & Buy** incentive enables processors to have prorated trial credits applied to final unit prices.

