

Admix industrial mixers are ideal for mixing powders, liquids, or solids into liquids, and delivering superior particle size reduction. With 30+ years of applications experience mixing gums, heavy metals, pigments, polymers, resins, and polyols, our equipment meets strict GMP standards, and includes explosion-proof models for Class I and Class II environments with a focus on quality, safety, innovation, and value.



Customized Solutions

Our diverse portfolio is constructed of GMP-compliant materials and includes high shear batch mixers, mills and homogenizers, inline/continuous mixers, and powder induction technology. Admix applications engineers ensure that chemical processors see improved production capabilities, reduced horsepower, optimized capital costs, and lower formulation costs.



Rotosolver[®]

The Rotosolver high shear batch mixer is ideal if your production line requires 100% wetting out of powders. Its efficient design is easy to clean and delivers high shear rates and reduced energy consumption for tank volumes up to 10,000 gallons.



Fastfeed[™]

The Fastfeed is a fully integrated, ergonomic powder induction 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.



Rotofoil[™]

The Rotofoil mixing impeller is an economical low shear agitator for viscosities up to 5,000 mPa*s. It is ideal for applications involving mixing miscible liquids, dissolving of solids that are unlikely to agglomerate, and preventing precipitation and heat dispersion.



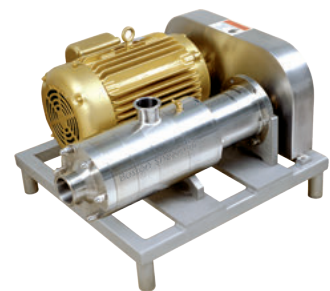
DynaShear[®]

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.



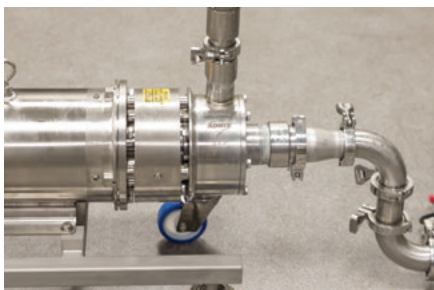
Admixer[™]

The Admixer static mixer is ideal for blending miscible fluids regardless of flow rates, viscosity, or density. This unit allows precise control of homogeneity and is capable of handling viscosities >1 million cps.



Boston Shearmill[®]

The Boston Shearmill delivers high shear rates and tip speeds for maximum particle size reduction. It is capable of milling soft particles to <1 micron or hard particles down to 1-2 microns in a single pass at production rates up to 160 GPM.



◀ Many of our products are available with:

- camlock or NPT fittings
- painted motors
- explosion proof motors

Ingredient & Applications Experience

Admix mixers set the pace for safe, economical processing of today's challenging ingredients. With thousands of installations around the world, they are used in emulsion and slurry applications for pigments, polymers, polyurethanes, and more including:

- Dispersing gums, metal oxides, and ceramics
- Deagglomerating powders into primary particles
- Eliminating fisheyes when adding hydrocolloids or thickeners
- Producing uniform end products in half the time of conventional mixers

Ingredients

- Water-soluble gums such as cellulosic, carbomers, vegetable
- Titanium dioxides, silicon dioxides, iron/metal oxides
- Polymers, polymerization precursors
- Pigments, dyes
- Resins, polyols
- Ceramics, clay
- Solvents

Applications and end products

- Paper sizing/anti-foam emulsions and dispersion
- Chemical mechanical polishing compounds
- Fertilizers, fungicides, and pesticides
- Wax/oil/latex/silicon emulsions
- Paper/adhesive coatings
- Paints and inks
- Lubricants
- Sealants
- Plastics



Test Driving Admix Equipment

There are several ways you can learn more about our equipment.

- Get a free customized quote from a seasoned applications engineer at admix.com/quote
- Try our robust trial program to use Admix equipment onsite for 14 days, then ask about our *Try & Buy* incentives
- Schedule an onsite product demonstration on your ingredients at your facility

Learn more about these options and how we guarantee scale up through a process assurance warranty at Admix.com/services.



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