



FELDMER MIXERS

At Feldmeier Equipment, we have more than 60 years of experience designing custom mixers for a wide range of industries and applications including blending, solid suspension, dispersion and enhanced heat transfer. We understand that every application is unique, and we create innovative solutions for every client. So whether you need a 40,000-gallon agitator, a 15-gallon mixer or almost anything in between, you can count on Feldmeier to deliver.

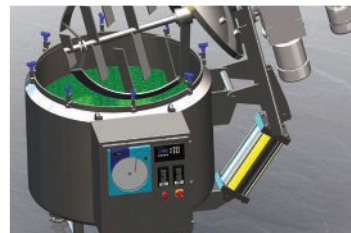


Farma Mixer

Our latest innovation, the Farma Mixer provides optimum mixing properties in applications up to 1,500 liters (400 gallons). It is specifically designed for the pharmaceutical industry but effective in many other applications as well. Each mixer is designed and fabricated in-house for seamless integration to your application.

Features

- Unit is ferrule mounted and top entering for vertical or angular mounting.
- All STAINLESS external components are standard. NO PAINTED COMPONENTS. Optional alloy product contact materials for highly corrosive environments (2205™, AL6XN™, Hastelloy™, etc.).
- A 'C' Face stainless steel NEMA 4X inverter duty motor is standard.
- Feldmeier EZ-Clean impeller with rounded surfaces and vertical blades to facilitate better cleaning of problem areas like the hub-to-blade connection.
- Quill shaft designed with oversized seal for larger annular clearance for easier cleaning.
- Quill design enables lowest mixing volumes possible.
- Mixer mount has two external sanitary tri-clamp (not threaded!) clean-out ports for flushing the debris well area or draining any liquids or condensate in the debris well area after cleaning.
- Seals on quill shaft make it possible to bench-test the seal to verify and record that the dynamic seal leakage rate is within the seal manufacturer's limits prior to installation on the vessel.
- Two-piece coupling located externally allows for seal service without vessel entry disturbing the gear reducer, or removing the mixer.
- Unique sliding shaft design permits low-level mixing with hinged tops.



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Options and Accessories:

- Speed sensor with 4-20 mA output sensing a magnetic wrap on the driven shaft
- VFD speed control units mounted on the vessel or in a Nema 4X SS enclosure
- Speed Display
- Sanitary Adjustable Hub Impellers
- Shear/Pumping Impeller



Additional Feldmeier Mixers

Beyond the Farma Mixer, Feldmeier offers a complete line of other mixers to meet nearly any mixing need in almost any industry.

- Top Entering Mixers
- Turbine Agitators
- Sweep / Scrape Agitators
- Counter-Rotating Turbine & Sweep / Scrape Combos (Dual-Motion)
- Horizontal Agitator



Materials of Construction

Built for superior performance and durability, the internal mixer components (impeller and impeller shaft) and all product contact surfaces of Feldmeier mixers can be constructed of the following materials:

- 316L Stainless Steel (standard)
- AL6XN™ or 2205 Duplex Stainless
- Hastelloy™ (Grades C22 or C276)

Elastomers are all USP Class IV in the following materials: EPDM, Viton™, Silicone.

Material Certification for all product contact materials is standard, as well as all required welder documentation.

